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Part 2: Test Suite Structure and Test Purposes (TSS&TP)

Reference

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Keywords

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Core Network and Interoperability Testing (INT).

The present document is part 2 of a multi-part deliverable covering the Testing of the IBCF requirements, as identified below:

Part 1: "Protocol Implementation Conformance Statement (PICS)";

Part 2: "Test Suite Structure and Test Purposes (TSS&TP)".

Modal verbs terminology

In the present document "shall", "shall not", "should", "should not", "may", "need not", "will", "will not", "can" and "cannot" are to be interpreted as described in clause 3.2 of the <u>ETSI Drafting Rules</u> (Verbal forms for the expression of provisions).

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1 Scope

The present document specifies the test suite structure and test purposes of testing of the IBCF requirements. The focus is the Ic interface as the interconnection point between two network operators.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the reference document (including any amendments) applies.

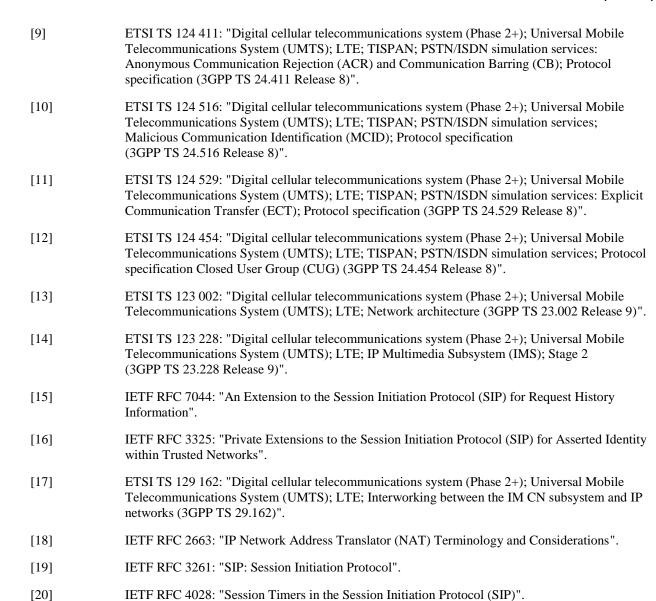
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The following referenced documents are necessary for the application of the present document.

[1]	ETSI TS 124 229: "Digital cellular telecommunications system (Phase 2+); Universal Mobile
	Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session
	Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3
	(3GPP TS 24.229 Release 9)".

- [2] ETSI TS 129 165: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 Release 9)".
- [3] ETSI TS 101 553-1: "Core Network and Interoperability Testing (INT); Testing of the IBCF requirements; (3GPP Release 9); Part 1: Protocol Implementation Conformance Statement (PICS)".
- [4] ETSI TS 124 407: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; TISPAN; PSTN/ISDN simulation services; Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR); Protocol specification (3GPP TS 24.407 Release 8)".
- [5] ETSI TS 124 508: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; PSTN/ISDN simulation services Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR); Protocol specification (3GPP TS 24.508 Release 8)".
- [6] ETSI TS 124 505: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; TISPAN; PSTN/ISDN simulation services: Conference (CONF); Protocol specification (3GPP TS 24.505 Release 8)".
- [7] ETSI TS 124 406: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; TISPAN; PSTN/ISDN simulation services; Message Waiting Indication (MWI): Protocol specification (3GPP TS 24.406 Release 8)".
- [8] ETSI TS 124 410: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; TISPAN; NGN Signalling Control Protocol; Communication HOLD (HOLD) PSTN/ISDN simulation services; Protocol specification (3GPP TS 24.410 Release 8)".



2.2 Informative references

[21]

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IETF RFC 4412: "Communications Resource Priority for the Session Initiation Protocol (SIP)".

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] IEEE 802.11a-1999: "IEEE Standard for Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements - Part 11: Wireless Medium Access Control (MAC) and physical layer (PHY) specifications: High Speed Physical Layer in the 5 GHz band".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in [1] to [19] apply.

NOTE: This may contain additional information.

3.2 Symbols

For the purposes of the present document, the symbols given in [1] to [19] apply.

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in [1] to [19] apply.

4 Test Suite Structure (TSS)

The Test Suite Structure is in close alignment with clause 5.10, ETSI TS 124 229 [1].

Exit_Point						
	reg	IBCF 101 xxx				
	bcall	IBCF 102 xxx				
	scr	bcall IBCF 103 xxx				
		ss oip-oir ss/tip-tir		IBCF_104_xxx		
				IBCF_105_xxx		
			cdiv	IBCF_106_xxx		
			other	IBCF_107_xxx		
	nch	reg	IBCF_108	_xxx		
		bcall IBCF_109_xxx sip IBCF_110_xxx		XXX		
	alg			_xxx		
		sdp	IBCF_111	_xxx		

Entry_Point				
	reg	IBCF_201_	XXX	
	bcall	IBCF_202_	XXX	
	scr	bcall	IBCF_203_xxx	
			oip-oir	IBCF_204_xxx
			tip-tir	IBCF_205_xxx
			cdiv	IBCF_206_xxx
			other	IBCF_207_xxx
	nch	reg	IBCF_208_xxx	
		bcall	IBCF_209_xxx	
	alg	sip	IBCF_210_xxx	
		sdp	IBCF_211_xxx	

5 Test Purposes (TP)

5.1 Naming convention and strategy

5.1.0 Introduction

For each requirement in ETSI TS 124 229 [1] a TP is defined.

5.1.1 TP naming convention

TPs are numbered, starting at 001, within each group. Groups are organized according to the TSS. Additional references are added to identify the actual test suite and whether it applies to the network or the user (see table 5.1.1-1).

Table 5.1.1-1: TP identifier naming convention scheme

Γ	Identifier: IBCF_	<group>_<nnn></nnn></group>		
	<group> =</group>	group	3 digit field representing gr	oup reference according to TSS
	<nnn> =</nnn>	TP number	3 digit sequential number	(001-999)

5.1.2 Test strategy

As the base standard ETSI TS 124 229 [1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the PICS specification ETSI TS 101 553-1 [3]. The criteria applied include the following:

whether or not a test case can be built from the TP is not considered.

6 Test purposes IBCF test

6.1 IBCF as an exit point

6.1.1 Registration

TP number	IBCF_101_001	Reference	5.10.2.1 3) [1]						
TSS reference	Exit_Point/reg	Exit Point/reg							
Selection criteria	PICS 7.2.1/1								
Test Purpose name	WWW-Authenticate he	ader is passed unchang	ed						
Test Purpose	request to the other ho	When an IBCF receives a REGISTER request from the visited network it shall forward this request to the other home network. If the IBCF receives the 401 Unauthorized final response from the other home network the WWW-Authenticate header is unchanged in the forwarded SIP response.							
SIP Parameter values		401 1: WWW-Authenticate 401 2: WWW-Authenticate							
Comments									
Message flows	Mx REGISTER 401 Unauthorized 2	SUT → ← Apply post to	Ic → REGISTER ← 401 Unauthorized 1 est routine						

TP number	IBCF_101_002	R	eference	5.10.2.1 3) [1]				
TSS reference	Exit_Point/reg	Exit Point/reg						
Selection criteria	PICS 7.2.1/1 AN	ND PICS 7.1.1/2						
Test Purpose name	The Authorization	on header is pass	ed unchanged					
Test Purpose	request to the o	When an IBCF receives a REGISTER request from the visited network it shall forward this request to the other home network. The Authorization header remains unchanged in the forwarded SIP request.						
SIP Parameter values	REGISTER 1:	REGISTER 1: Authorization Path Require: path P-Charging-Vector: icid; orig-ioi						
Comments								
Message flows	Mx REGISTER 1 200 OK REGISTE		SUT → Apply post test routine	lc REGISTER 2 200 OK REGISTER				

TP number	IBCF_101_00	3	Reference		5.10.2.1 3) [1]		
TSS reference	Exit Point/reg						
Selection criteria	PICS 7.2.1/1	AND PICS 7.1.1/2					
Test Purpose name	The P-Associ unchanged	ated-URI, Path, Se	ervice-Route and P	-Charging	-Vector headers are passed		
Test Purpose	When an IBCF receives a 200 OK REGISTER request from the other (home) network it shall forward this request to the own (visited) network. The P-Associated-URI, Path, Service-Route, P-Charging-Vector headers remain unchanged in the forwarded SIP response.						
SIP Parameter values	200 OK 1:	P-Associated-UR Path Service-Route P-Charging-Vecto Contact P-Associated-UR Path Service-Route P-Charging-Vecto Contact	or: term-ioi				
Comments							
Message flows	REGISTER 1 200 OK REGIS	→	SUT Apply post test	-	Ic REGISTER 2 200 OK REGISTER		

TP number	IBCF_101_004		Reference	5.10.2.1 3) [1]			
TSS reference	Exit_Point/reg						
Selection criteria	PICS 7.2.1/1						
Test Purpose name	The Event and E	xpires header	are passed unchanged				
Test Purpose	When an IBCF receives a SUBSCRIBE request from the visited network it shall forward this request to the other home network. The Event header and the Expires header remain unchanged in the request.						
SIP Parameter values	SUBSCRIBE 1: Event: reg P-Charging-Vector: icid Expires: 600 000 SUBSCRIBE 2: Event: reg P-Charging-Vector: icid Expires: 600 000						
Comments		•					
Message flows	Mx		SUT	Ic			
	The registration procedure was successful						
	SUBSCRIBE 1 → SUBSCRIBE 2						
	200 OK SUBSCRIBE ← 200 OK SUBSCRIBE						
			Apply post test routin	e			

TP number	IBCF 101 005	Reference	5.10.2.1 3) [1]						
TSS reference	Exit Point/reg								
Selection criteria	PICS 7.2.1/1								
Test Purpose name	The 'reginfo' body is passed unchanged								
Test Purpose	When an IBCF receives a request to the other home unchanged in the request	When an IBCF receives a NOTIFY request from the visited network it shall forward this request to the other home network. The Event header and the XML body remain							
SIP Parameter values	NOTIFY 1: Event: reg Content-Ty								
	<pre><?xml version="1.0"?> <reginfo state="partial" version="1" xmlns="urn:ietf:params:xml:ns:reginfo"></reginfo></pre>								
	NOTIFY 2: Event: reg								
Comments									
Message flows	Mx	SUT	lc						
inessaye nows	=====	e registration procedure was	successful → NOTIFY 2 ← 200 OK NOTIFY						

TP number	IBCF_101_006		Reference		5.10	0.2.1 3) [1]		
TSS reference	Exit_Point/reg							
Selection criteria	PICS 7.2.1/1 AND P	ICS 7.2.1/4	1					
Test Purpose name	The IBCF selects an	alternative	entry point	to the other net	vork if	a 3xx was received		
Test Purpose	entry point to a previ	When an IBCF receives a SIP 3xx (Redirection) response from another (home) network entry point to a previously forwarded SIP REGISTER request, it shall resend the Register request to another entry point to which it has not previously forwarded the same request.						
SIP Parameter values		-				•		
Comments	IUT configured with	two entry p	oints to hon	ne network				
Message flows	Mx REGISTER	→	SUT → ←	lc 1 REGISTER 3xx		lc 2		
	→ REGISTER 200 OK REGISTER ← 200 OK REGISTER Apply post test routine							

TP number	IBCF_101_007	Re	eference	5.10.2.1 3) [1]					
TSS reference	Exit_Point/reg	Exit_Point/reg							
Selection criteria	PICS 7.2.1/1 AND PIC	PICS 7.2.1/1 AND PICS 7.2.1/4							
Test Purpose name	The IBCF selects an a	alternative er	ntry point to the other netw	vork if a 480 was received					
Test Purpose	When an IBCF receives SIP 480 (Temporarily Unavailable) response from a home network entry point to a previously forwarded SIP REGISTER request, it shall forward the Register request to another home network entry point to which it has not previously forwarded the same request.								
SIP Parameter values									
Comments	IUT configured with tw	o entry poin	ts to home network						
Message flows	Mx REGISTER								
	→ REGISTER 200 OK REGISTER ← 200 OK REGISTER Apply post test routine								

TP number	IBCF_101_008	Refere	ence	5.10.2.1 3) [1]
TSS reference	Exit_Point/reg			
Selection criteria	PICS 7.2.1/1 AND F	PICS 7.2.1/4		
Test Purpose name	The IBCF selects a	n alternative entry	point to the other netw	vork if no response was
Test Purpose	When an IBCF receives no response from a home network entry point to a previously forwarded SIP REGISTER request, it shall forward the Register request to another home network entry point to which it has not previously forwarded the same request.			
SIP Parameter values			,	•
Comments	IUT configured with	two entry points to	home network	
Message flows	Mx REGISTER	SUT	ic 1 → REGISTER	lc 2
	200 OK REGISTER	No response ← App	y post test routine	→ REGISTER ← 200 OK REGISTER

TP number	IBCF_101_009	Reference	5.10.2.1 3) [1]	
TSS reference	Exit_Point/reg			
Selection criteria	PICS 7.2.1/1			
Test Purpose name	The IBCF sends a 504 if a 3	3xx to a REGISTER request was	s received	
Test Purpose	If an IBCF receives a SIP 3xx (Redirection) response to a SIP REGISTER request from all entry points in the registering user s home network, it shall send a SIP 504 (Server Time-Out) response to the P-CSCF.			
SIP Parameter values				
Comments	IUT configured with one entry points to home network			
Message flows	Mx REGISTER 504 Server Time-Out	SUT → ← Apply post test routine	IC REGISTER 3xx	

TP number	IBCF_101_010	Reference	5.10.2.1 3) [1]		
TSS reference	Exit_Point/reg				
Selection criteria	PICS 7.2.1/1				
Test Purpose name	The IBCF sends a 504 if	a 480 to a REGISTER red	quest was received		
Test Purpose	If an IBCF receives a SIP 480 (Temporarily Unavailable) response to a SIP REGISTER request from all entry points in the registering user s home network, it shall send a SIP 504 (Server Time-Out) response to the P-CSCF.				
SIP Parameter values					
Comments	IUT configured with one	entry points to home netw	ork		
Message flows	Mx REGISTER 504 Server Time-Out	SUT → Apply post test r	lc → REGISTER ← 480 Temporarily Unavailable		

TP number	IBCF_101_011	Reference	5.10.2.1 3) [1]		
TSS reference	Exit Point/reg				
Selection criteria	PICS 7.2.1/1				
Test Purpose name	The IBCF sends a 504 if r	o response to a REGIST	TER request was received		
Test Purpose	If an IBCF receives no response to a SIP REGISTER request from all entry points in the registering user s home network, it shall send a SIP 504 Server Time-Out response to the P-CSCF.				
SIP Parameter values					
Comments	IUT configured with one entry points to home network				
Message flows	Mx REGISTER	SUT	lc → REGISTER		
	504 Server Time-Out	No response Apply post test r	outine		

6.1.2 Basic call

TP number	IBCF_102_001	Reference	5.10.2.2 1) [1]
TSS reference	Exit_Point/bcall		·
Selection criteria			
Test Purpose name	The SUT responds with	th a 100 Trying after an INVI	TE was received
Test Purpose	When the IBCF receiv	es an INVITE request, the S	UT responds with a 100 Trying
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
	100 Trying	-	
		Apply post test r	outine

TP number	IBCF_102_002	Reference	5.10.2.2 2B) [1]	
TSS reference	Exit_Point/bcall			
Selection criteria	PICS 7.2.2/73			
Test Purpose name	The IBCF performs the Reco			
Test Purpose		VITE request to the other netwo		
	field value is added to the re	quest identifying the IBCF itself	•	
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→ →	INVITE	
	100 Trying	(
	Apply post test routine			

TP number	IBCF_102_003	Reference	5.10.2.2, 7) [1]		
TSS reference	Exit_Point/bcall	·	·		
Selection criteria	PICS 7.2.2/1				
Test Purpose name	The P-Charging-Vector	r header is supported unchar	nged		
Test Purpose	When the IBCF sends an INVITE request to the other network, the P-Charging-Vector present as received from the own network.				
SIP Parameter values		-Vector: icid-value; orig-ioi -Vector: icid-value; orig-ioi			
Comments		-			
Message flows	Mx INVITE1 100 Trying	SUT → ←	Ic → INVITE2		
	Apply post test routine				

TP number	IBCF_102_004	Reference	5.10.2.2, 7) [1]		
TSS reference	Exit_Point/bcall	·	·		
Selection criteria	PICS 7.2.2/2				
Test Purpose name	Some values of the P-C	harging-Vector are not pres	ent		
Test Purpose	When the IBCF sends an INVITE request to the other network, some values of the P-Charging-Vector are not present.				
SIP Parameter values	INVITE1: P-Charging-Vector: icid-value; orig-ioi INVITE2: P-Charging-Vector header some values not present				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2				
	100 Trying ←				
	Apply post test routine				

TP number	IBCF_102_005	Reference	5.10.2.2, 7) [1]		
TSS reference	Exit_Point/bcall	·			
Selection criteria	PICS 7.2.2/3				
Test Purpose name	The P-Charging-Vector	r is not present			
Test Purpose	When the IBCF sends an INVITE request to the other network, the P-Charging-Vector is not present.				
SIP Parameter values	INVITE1: P-Charging	-Vector: icid-value; orig-ioi			
Comments	II WII LL.				
Message flows	Mx	SUT	lc		
	INVITE1 100 Trying	→	→ INVITE2		
	, 0	Apply post test re	outine		

TP number	IBCF_102_006_A	Reference	5.10.2.2, 8) [1]	
TSS reference	Exit_Point/bcall			
Selection criteria	PICS 7.2.2/59			
Test Purpose name	P-Charging-Function-Addresse	es header present in INVITE re	equest	
Test Purpose	The IBCF receives an INVITE request from the own network containing an P-Charging-Function-Addresses header, When the IBCF sends an INVITE request to the other network, the P-Charging-Function-Addresses header is present as received from the own network.			
SIP Parameter values	INVITE: P-Charging-Function	n-Addresses: ccf="aaa//etsi.co	m"	
Comments				
Message flows	Mx	SUT	lc	
	INVITE → 100 Trying ←	→	INVITE	
	Apply post test routine			

TP number	IBCF_102_006_B	Reference	5.10.2.2, 8) [1]	
TSS reference	Exit_Point/bcall	·		
Selection criteria	NOT PICS 7.2.2/59			
Test Purpose name	P-Charging-Function-Ac	ldresses header is not pres	ent in INVITE request	
Test Purpose	The IBCF receives an INVITE request from the own network containing an P-Charging-Function-Addresses header, When the IBCF sends an INVITE request to the other network, the P-Charging-Function-Addresses header is not present.			
SIP Parameter values	INVITE2: P-Charging-Function-Addresses header is not present			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1	→	→ INVITE2	
	100 Trying ← Apply post test routine			

TP number	IBCF 102 007 A	Reference	5.10.2.2, 10) [1],	
			IETF RFC 4028 [20]	
TSS reference	Exit_Point/bcall	·		
Selection criteria	PICS 7.2.2/59			
Test Purpose name	P-Charging-Function-A	ddresses header is present	in 200 OK	
Test Purpose	The IBCF receives a 200 OK INVITE response from the other network containing an P-Charging-Function-Addresses header, When the IBCF sends a 200 OK INVITE response to the own network, the P-Charging-Function-Addresses header is present as received from the other network.			
SIP Parameter values	200 OK: P-Charging-	Function-Addresses: ccf="aa	aa//etsi.com"	
Comments				
Message flows	Mx	SUT	Ic	
	INVITE 180 Ringing 200 OK ACK	→ ← ← → Apply post test ro	→ INVITE ← 180 Ringing ← 200 OK → ACK	

TP number	IBCF_102_007_B	Reference	5.10.2.2, 10) [1],
			IETF RFC 4028 [20]
TSS reference	Exit_Point/bcall		
Selection criteria	NOT PICS 7.2.2/59		
Test Purpose name		Addresses header is no	
Test Purpose	The IBCF receives a 200 OK INVITE response from the other network containing an P-Charging-Function-Addresses header, When the IBCF sends a 200 OK INVITE response to the own network, the P-Charging-Function-Addresses header is not present.		
SIP Parameter values	200 OK1: P-Charging 200 OK2:	g-Function-Addresses: c	ccf="aaa//etsi.com"
Comments			
Message flows	Mx	SU ⁻	
	INVITE 180 Ringing 200 OK2 ACK	→ ← ← →	→ INVITE ← 180 Ringing ← 200 OK1 → ACK
	Apply post test routine		

TP number	IBCF_102_008	Reference	4.4.6 [1],	
			IETF RFC 4412 [21]	
TSS reference	Exit_Point/bcall			
Selection criteria	PICS 7.2.2/22 AND PICS 5.2	.2/23 NOT PICS 7.2.1/2		
Test Purpose name	A Resource-Priority header field is passed to a trusted network option tag in Require			
	header		-	
Test Purpose		itial SIP INVITE request from v		
		d is present, it leaves the Reso		
		ests if the other network is trust	ed or the request is rejected	
	with a 420 response if not sup			
SIP Parameter values	INVITE1: Require: resource-			
	Resource-Priority:			
	INVITE2: Resource-Priority:	q735.0		
Comments				
Message flows	Mx	SUT	lc	
		•		
	1.00	4		
	CASE A			
	→ INVITE			
	CASE B			
	420 Bad Extension			
	ACK -	•		
		Apply post test routine		

TP number	IBCF_102_008A	Reference	4.4.6 [1],
			IETF RFC 4412 [21]
TSS reference	Exit_Point/bcall		
Selection criteria	PICS 7.2.2/22 AND PIC	S 7.2.2/93 AND NOT PICS	7.2.1/2
Test Purpose name	A Resource-Priority header field is passed to a trusted network option tag in Supported header		
Test Purpose	Resource-Priority heads		st from its own network and a ne Resource-Priority header field k is trusted.
SIP Parameter values	INVITE1: Supported: re Resource-Pri INVITE2: Resource-Pri	ority: q735.0	
Comments		•	
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
	100 Trying	←	
		Apply post test ro	outine

TP number	IBCF 102 009	Reference	4.4.6 [1],
			IETF RFC 4412 [21]
TSS reference	Exit_Point/bcall		
Selection criteria	PICS 7.2.1/2		
Test Purpose name	A Resource-Priority header fi	eld is removed from the INVITE	
Test Purpose		itial SIP INVITE request from w	
		d is present, it removes the Res quests if the other network is ur	
SIP Parameter values			ili ustea.
SIP Parameter values	INVITE1: Require: resource-priority Resource-Priority: q735.0		
	INVITE2:		
Comments			
Message flows	Mx	SUT	Ic
	INVITE	→	INVITE
	100 Trying	(
		Apply post test routine	

TP number	IBCF_102_010	Reference	4.4.7 [1]	
TSS reference	Exit_Point/bcall	·		
Selection criteria	PICS 7.2.2/71			
Test Purpose name	A Reason header is p	passed in a SIP response		
Test Purpose	field is present as ind	When an IBCF receives a SIP response from the other network and a Reason header field is present as indicated in table 6.1.2-1, this header field is passed in the forwarded response to the own network.		
SIP Parameter values	SIP_response 1: Reason: Q.850;cause=Response_cause SIP_response 2: Reason: Q.850;cause=Response_cause			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	VA_response 2	←	← SIP_response 1	
	ACK	→	→ ACK	

Table 6.1.2-1: Receipt of the Reason header in response

Response_cause	SIP_response		
	Status code		
	Reason header		
VA_01	404 Not Found		
	Reason: Q.850; cause=1 (unallocated (unassigned) number)		
VA_02	500 Server Internal error		
	Reason: Q.850; cause=2 (no route to network)		
VA_03	500 Server Internal error		
	Reason: Q.850; cause=3 (no route to destination)		
VA_04	500 Server Internal error		
	Reason: Q.850; cause=4 (Send special information tone)		
VA_05	404 Not Found		
	Reason: Q.850; cause=5 (Misdialled trunk prefix)		
VA_06	486 Busy Here		
	Reason: Q.850; cause=17 (user busy)		
VA_07	480 Temporarily unavailable		
	Reason: Q.850; cause=18 (no user responding)		
VA_08	480 Temporarily unavailable		
	Reason: Q.850; cause=19 (no answer from the user)		
VA_09	480 Temporarily unavailable		
	Reason: Q.850; cause=20 (subscriber absent)		
VA_10	603 Decline		
	Reason: Q.850; cause=21 (call rejected)		
VA_11	480Temporarily unavailable		
	Reason: Q.850; cause=21 (call rejected)		
VA_12	410 Gone		
	Reason: Q.850; cause=22 (number changed)		
VA_13	433 Anonymity Disallowed		
	Reason: Q.850; cause=24 (call rejected due to ACR supplementary		
	service)		

Response cause	SIP_response		
	Status code		
	Reason header		
VA_14	483 Too many hops		
_	Reason: Q.850; cause=25 (Exchange routing error)		
VA_15	480 Temporarily unavailable		
_	Reason: Q.850; cause=26 (Non-selected user clearing)		
VA_16	502 Bad Gateway		
_	Reason: Q.850; cause=27 (destination out of order)		
VA_17	484 Address Incomplete		
	Reason: Q.850; cause=28 invalid number format (address incomplete)		
VA_18	500 Server Internal error		
	Reason: Q.850; cause=29 (facility rejected)		
VA_19	480 Temporarily unavailable		
	Reason: Q.850; cause=31 (normal unspecified)		
VA_20	486 Busy here		
	Reason: Q.850; cause=34 (No circuit/channel available)		
VA_21	480 Temporarily unavailable		
1/4 00	Reason: Q.850; cause=34 (No circuit/channel available)		
VA_22	500 Server Internal error		
\/A 00	Reason: Q.850; cause=41 (Temporary failure)		
VA_23	500 Server Internal error		
VA 24	Reason: Q.850; cause=50 (requested facility no subscribed)		
VA_24	603 Decline		
	Reason: Q.850; cause=55 (Incoming class barred within Closed User Group)		
VA_25	403 Forbidden		
VA_23	Reason: Q.850; cause=57 (bearer capability not authorized)		
VA 26	500 Server Internal error		
V/_20	Reason: Q.850; cause=58 (bearer capability not presently)		
VA 27	500 Server Internal error		
· · · · · · · · · · · · · · · · · · ·	Reason: Q.850; cause=63 (service option not available, unspecified)		
VA_28	500 Server Internal error		
	Reason: Q.850; cause=65 (Bearer capability not implemented)		
VA 29	403 Forbidden		
_	Reason: Q.850; cause=87 (User not member of Closed User Group)		
VA_30	500 Server Internal error		
	Cause value No 88 (incompatible destination)		
VA_31	403 Forbidden		
	Reason: Q.850; cause=90 (Non existing Closed User Group)		
VA_32	500 Server Internal error		
	Reason: Q.850; cause=91 (invalid transit network selection)		
VA_33	500 Server Internal error		
1/4 04	Reason: Q.850; cause=95 (invalid message)		
VA_34	501 Not Implemented		
	Reason: Q.850; cause=97 (Message type non-existent or not		
VA_35	implemented) 501 Not Implemented		
VA_33	Reason: Q.850; cause=99 (information element/parameter non-existent		
	or not implemented))		
VA 36	480 Temporarily unavailable		
1	Reason: Q.850; cause=102 (recovery on timer expiry)		
VA 37	501 Not Implemented		
	Reason: Q.850; cause=110 (Message with unrecognized Parameter,		
	discarded)		
VA_38	500 Server Internal error		
_	Reason: Q.850; cause=111 (protocol error, unspecified)		
VA_39	500 Server Internal error		
	Reason: Q.850; cause=127 (interworking unspecified)		

TP number	IBCF_102_011	Reference	4.4.8 [1]			
TSS reference	Exit Point/bcall					
Selection criteria	NOT PICS 7.2.1/2 AND NOT F	PICS 7.2.2/4				
Test Purpose name	The P-Profile-Key header is fo	rwarded to the trusted networl	<			
Test Purpose	When an IBCF receives an initial SIP INVITE request from its own network and a P-Profile-Key header field is present, it leaves the P-Profile-Key header field header fields in the SIP requests if the other network is trusted.					
SIP Parameter values	INVITE1: P-Profile-Key: <sip: identity@hostportion="" public="" service="" wildcarded=""> INVITE2: P-Profile-Key: <sip: identity@hostportion="" public="" service="" wildcarded=""></sip:></sip:>					
Comments						
Message flows	Mx SUT Ic					
	INVITE1 → 100 Trying ←	3 1111121				
	Apply post test routine					

TP number	IBCF_102_012	Reference	4.4.8 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.2.1/2 AND NOT	PICS 7.2.2/4			
Test Purpose name	The P-Profile-Key header is no	ot forwarded to the trusted net	work		
Test Purpose	When an IBCF receives an initial SIP INVITE request from its own network and a P-Profile-Key header field is present, it removes the P-Profile-Key header field header fields from the SIP requests if the other network is trusted.				
SIP Parameter values	INVITE1: P-Profile-Key: <sip: identity@hostportion="" public="" service="" wildcarded=""> INVITE2:</sip:>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2				
	100 Trying ←	•			
	Apply post test routine				

TP number	IBCF_102_013	Reference	4.4.8 [1]		
TSS reference	Exit_Point/bcall	Exit Point/bcall			
Selection criteria	PICS 7.2.1/2				
Test Purpose name	The P-Profile-Key header is no	ot forwarded to the untrusted	network		
Test Purpose	P-Profile-Key header field is p	When an IBCF receives an initial SIP INVITE request from within its own network and a P-Profile-Key header field is present, it removes the P-Profile-Key header field header fields from the SIP requests if the other network is untrusted.			
SIP Parameter values	INVITE1: P-Profile-Key: <sip: identity@hostportion="" public="" service="" wildcarded=""> INVITE2:</sip:>				
Comments					
Message flows	Mx INVITE1 → 100 Trying ←	=	Ic INVITE2		

TP number	IBCF_102_014	Reference	4.4.9 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.2.1/2 AND	NOT PICS 7.2.2/5			
Test Purpose name	The P-Served-User hea	ader is forwarded to the trus	ted network		
Test Purpose			est from its own network and a		
			P-Served-User header field header		
	fields in the SIP reques	its if the other network is tru	sted.		
SIP Parameter values	INVITE1: P-Served-Us	INVITE1: P-Served-User: <sip:user@example.com>; sescase=orig; regstate=reg</sip:user@example.com>			
	INVITE2: P-Served-User: <sip:user@example.com>; sescase=orig; regstate=reg</sip:user@example.com>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2				
	100 Trying	←			
	Apply post test routine				

TP number	IBCF_102_015	Reference	4.4.9 [1]			
TSS reference	Exit_Point/bcall	·				
Selection criteria	NOT PICS 7.2.1/2 AND	NOT PICS 7.2.2/5				
Test Purpose name	The P-Served-User hea	ader is not forwarded to the	trusted network			
Test Purpose	When an IBCF receives an initial SIP INVITE request from its own network and a P-Served-User header field is present, it removes the P-Served-User header field header fields from the SIP requests if the other network is trusted.					
SIP Parameter values	INVITE1: P-Served-User: <sip:user@example.com>; sescase=orig; regstate=reg INVITE2:</sip:user@example.com>					
Comments						
Message flows	Mx SUT Ic					
	INVITE1 → INVITE2					
	100 Trying	100 Trying ←				
	Apply post test routine					

TP number	IBCF_102_016	Reference	4.4.9 [1]
TSS reference	Exit_Point/bcall	•	
Selection criteria	PICS 7.2.1/2		
Test Purpose name	The P-Served-User he	eader is not forwarded to the	untrusted network
Test Purpose	P-Served-User heade		est from its own network and a the P-Served-User header field header untrusted.
SIP Parameter values	INVITE1: P-Served-UINVITE2:	Jser: <sip:<i>user@<i>example.co</i></sip:<i>	m>; sescase=orig; regstate=reg
Comments			
Message flows	Mx	SUT	lc
	INVITE1 100 Trying	→ ←	→ INVITE2
	Apply post test routine		

TP number	IBCF_102_017	Reference	4.4.10 [1]			
TSS reference	Exit_Point/bcall					
Selection criteria	NOT PICS 7.2.1/2 AND PICS 7	7.2.2/61				
Test Purpose name	A P-Private-Network-Indication	header field is passed to a tru	ısted network			
Test Purpose	When an IBCF receives an initial SIP INVITE request from within its own network and a P-Private-Network-Indication header field is present, it leaves the P-Private-Network-Indication header fields in the SIP requests if the other network is trusted.					
SIP Parameter values	INVITE1: P-Private-Network-Indication: [any URI] INVITE2: P-Private-Network-Indication: [any URI]					
Comments						
Message flows	Mx	SUT	lc			
	INVITE → INVITE					
	100 Trying ←	100 Trying ←				
		Apply post test routine				

TP number	IBCF_102_018	Reference	4.4.10 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	PICS 7.2.1/2 AND NO	OT PICS 7.2.2/61			
Test Purpose name	A P-Private-Network-	Indication header field is rem	oved from the INVITE		
Test Purpose	P-Private-Network-Inc	When an IBCF receives an initial SIP INVITE request from its own network and a P-Private-Network-Indication header field is present, it removes the P-Private-Network-Indication header field header fields from the SIP requests if the other network is untrusted.			
SIP Parameter values	INVITE1: P-Private-NINVITE2:	Network-Indication: [any URI]			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE 100 Trying	→ ← Apply post test r	→ INVITE outine		

TP number	IBCF_102_019_A	Reference	4.4.3 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.2.1/2 AND PICS 7	7.2.2/55			
Test Purpose name	A P-Access-Network-Info head	er field is passed to a trusted	network		
Test Purpose	When an IBCF receives an init				
		P-Access-Network-Info header field is present, it leaves the P-Access-Network-Info			
	header field header fields in the		work is trusted .		
SIP Parameter values	INVITE1: P-Access-Network-Info: IEEE 802.11a [i.1]				
	INVITE2: P-Access-Network-Info: IEEE 802.11a [i.1]				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2				
	100 Trying ←				
	Apply post test routine				

TP number	IBCF 102 019 B	Reference	4.4.3 [1]		
TSS reference	Exit_Point/bcall	•			
Selection criteria	NOT PICS 7.2.1/2 AND	PICS 7.2.2/55			
Test Purpose name	A P-Access-Network-Ir	nfo header field is not passed	d to a trusted network		
Test Purpose	P-Access-Network-Info	When an IBCF receives an initial SIP INVITE request from its own network and a P-Access-Network-Info header field is present, it removes the P-Access-Network-Info header field header fields in the SIP requests if the other network is trusted .			
SIP Parameter values	INVITE1: P-Access-No INVITE2:	INVITE1: P-Access-Network-Info: IEEE 802.11a [i.1]			
Comments					
Message flows	Mx	SUT	Ic		
-	INVITE1 100 Trying	→ ←	→ INVITE2		
		Apply post test re	outine		

TP number	IBCF_102_020	Reference	4.4.3 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	PICS 7.2.1/2				
Test Purpose name	A P-Access-Network-Info head	der field is removed from the	e INVITE		
Test Purpose	When an IBCF receives an initial SIP INVITE request from its own network and a P-Access-Network-Info header field is present, it removes the P-Access-Network-Info header field header fields from the SIP requests if the other network is untrusted .				
SIP Parameter values	INVITE1: P-Access-Network-INVITE2:	INVITE1: P-Access-Network-Info: IEEE 802.11a [i.1]			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2 100 Trying ←				
	Apply post test routine				

TP number	IBCF_102_021	Reference	4.4.5 [1]	
TSS reference	Exit_Point/bcall	·		
Selection criteria	NOT PICS 7.2.1/2 AN	ND NOT PICS 7.2.2/6 AND F	PICS 7.1.1/2	
Test Purpose name	The P-Asserted-Service header field is left in the INVITE request when crosses the boundary of the trust domain			
Test Purpose	When an IBCF receives an INVITE request from its own network and a P-Asserted-Service header is present, it leaves the P-Asserted-Service header fields in the SIP request if the other network is trusted .			
SIP Parameter values	INVITE1: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1 INVITE2: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1			
Comments				
Message flows	Mx INVITE1 100 Trying	SUT → ← Apply post test	Ic → INVITE2	
		Apply post test	i Vulii i E	

TP number	IBCF_102_022	Reference	4.4.5 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.2.1/2 AND PICS	7.2.2/6 AND PICS 7.1.1/2			
Test Purpose name		The P-Asserted-Service header field is removed from the INVITE request when crosses the boundary of the trust domain			
Test Purpose	P-Asserted-Service header is	When an IBCF receives an INVITE request from its own network and a P-Asserted-Service header is present, it removes the P-Asserted-Service header fields from the SIP request if the other network is trusted .			
SIP Parameter values	INVITE1: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1 INVITE2: P-Asserted-Service header is not present				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2 100 Trying ←				
		Apply post test routine			

TP number	IBCF_102_023	Reference	4.4.5 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	PICS 7.2.1/2 AND PIC	S 7.1.1/2			
Test Purpose name		ce header field is removed fi			
Test Purpose	When an IBCF receives an INVITE request from within its own network and a P-Asserted-Service header is present, it removes the P-Asserted-Service header fields in the SIP request if the other network untrusted .				
SIP Parameter values	INVITE1: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1	→	→ INVITE2		
	100 Trying	←			
	Apply post test routine				

TP number	IBCF_102_024	Reference	5.10.6.2 [1]	
TSS reference	Exit_Point/bcall			
Selection criteria	PICS 7.2.2/7 AND PICS 7.1.1/	2		
Test Purpose name	P-Early-Media not received IB	CF adds a P-Early-Media hea	der to the INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own network and no P-Early-Media header is present, ensure that a P-Early-Media header is included in the INVITE request sent to the other network.			
SIP Parameter values	INVITE1: INVITE2: P-Early-Media: supported			
Comments				
Message flows	Mx	SUT	lc	
_	INVITE1 →	→	INVITE2	
	Apply post test routine			

TP number	IBCF_102_025	Reference		5.10.6.2 [1]
TSS reference	Exit_Point/bcall			
Selection criteria	PICS 7.2.2/8 AN	ID PICS 7.1.1/2		
Test Purpose name	P-Early-Media n	ot received IBCF adds a P-E	arly-Media head	ler to the 180 response
Test Purpose	P-Early-Media h	receives a 180 Ringing respondance is present, ensure that ponse sent to the own networe	a P-Early-Medi	
SIP Parameter values	180 Ringing 1: 180 Ringing 2:	P-Early-Media:		
Comments				
Message flows	Mx INVITE 180 Ringing 2	SU → ← Apply post	→	Ic INVITE 180 Ringing 1

TP number	IBCF_102_026	Reference	5.10.6.2 [1]		
TSS reference	Exit_Point/bcall	•	·		
Selection criteria	PICS 7.2.2/8 AND PIC	S 7.1.1/2			
Test Purpose name	P-Early-Media not rece	eived IBCF adds a P-Ear	ly-Media header to the 183 response		
Test Purpose			ss response from the other network and no		
	P-Early-Media header	is present, ensure that a	P-Early-Media header is included in the		
	183 Session Progress	response sent to the ow	n network.		
SIP Parameter values	183 Session Progress 1:				
	183 Session Progress	2:P-Early-Media:			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	183 Session Progress 2 ← 183 Session Progress 1				
	Apply post test routine				

TP number	IBCF_102_027	Reference	5.10.6.2 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	PICS 7.2.2/9 AND PI	ICS 7.1.1/2			
Test Purpose name	P-Early-Media receiv	ed IBCF removes the P-Ea	rly-Media header from the INVITE		
Test Purpose	header is present, er	When the IBCF receives an INVITE request from the own network and a P-Early-Media header is present, ensure that the P-Early-Media header is removed from the INVITE request sent to the other network.			
SIP Parameter values	INVITE1: P-Early-M INVITE2:	edia: supported			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1	→	→ INVITE2		
	Apply post test routine				

TP number	IBCF_102_028	Reference	5.10.6.2 [1]			
TSS reference	Exit_Point/bcall					
Selection criteria	PICS 7.2.2/10 AND PICS 7.	1.1/2				
Test Purpose name	P-Early-Media received IBCI	removes the P-Early-Media he	eader from the 180 response			
Test Purpose	P-Early-Media header is pre-	When the IBCF receives a 180 Ringing response from the other network and a P-Early-Media header is present, ensure that the P-Early-Media header is removed from the 180 Ringing response sent to the own network.				
SIP Parameter values	180 Ringing 1: P-Early-Me 180 Ringing 2:	edia:				
Comments						
Message flows		SUT → ← Apply post test routine	Ic INVITE 180 Ringing 1			

TP number	IBCF_102_029	Reference	5.10.6.2 [1]
TSS reference	Exit_Point/bcall		· · · · · · · · · · · · · · · · · · ·
Selection criteria	PICS 7.2.2/10 AND PIC	CS 7.1.1/2	
Test Purpose name	P-Early-Media received	IBCF removes the P-E	arly-Media header from the 183 response
Test Purpose		s present, ensure that t	ess response from the other network and a he P-Early-Media header is removed from e own network.
SIP Parameter values	183 1: P-Early-Medi 183 2:	ia:	
Comments			
Message flows	Mx	SUT	lc
_	INVITE	→	→ INVITE
	183 Session Progress 2	2 ←	← 183 Session Progress 1
		Apply post te	est routine

TP number	IBCF_102_030		Reference		5.10.6.2 [1]
TSS reference	Exit_Point/bcall				
Selection criteria	PICS 7.2.2/11 AI	ND PICS 7.1.1	/2		
Test Purpose name	P-Early-Media re	ceived IBCF n	nodifies the P-Early-	Media he	eader in the 180 response
Test Purpose			Ringing response fr		
	P-Early-Media he	eader is presei	nt, ensure that the P	-Early-Me	edia header is modified in the
	180 Ringing resp	onse sent to t	he own network.		
SIP Parameter values	180 Ringing 1:	P-Early-Medi	a:		
		Not equal	to		
	180 Ringing 2:	P-Early-Medi	a:		
Comments					
Message flows	Mx		SUT		lc
	INVITE	→		→	INVITE
	180 Ringing 2	←		←	180 Ringing 1
	Apply post test routine				

TP number	IBCF 102 031	Reference	5.10.6.2 [1]		
TSS reference	Exit_Point/bcall	·			
Selection criteria	PICS 7.2.2/11 AND P	ICS 7.1.1/2			
Test Purpose name	P-Early-Media receive	ed IBCF modifies the P-Early	-Media header in the 183 response		
Test Purpose	P-Early-Media header	When the IBCF receives a 183 Session Progress response from the other network and a P-Early-Media header is present, ensure that the P-Early-Media header is modified in the 183 Session Progress response sent to the own network.			
SIP Parameter values	183 1: P-Early-Me 183 2: P-Early-Me		eceived value		
Comments					
Message flows	Mx INVITE 183 Session Progress		Ic → INVITE ← 183 Session Progress 1		
		Apply post test r	outine		

TP number	IBCF_102_032	Reference	4.4.5 [1]		
TSS reference	Exit_Point/bcall	•	· · · ·		
Selection criteria	PICS 7.2.2/12				
Test Purpose name	P-Asserted-Identity no	t received IBCF adds a P-Ass	erted-Identity to a 180 response		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network and no P-Asserted-Identity is present, ensure that a network specific P-Asserted-Identity is included in the 180 Ringing response sent to the own network.				
SIP Parameter values	180 1: 180 2: P-Asserted-	Identity: <[network specific UI	RI]>		
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	→	→ INVITE		
	180 Ringing 2	←	← 180 Ringing 1		
	Apply post test routine				

TP number	IBCF_102_033	Reference	4.4.5 [1]			
TSS reference	Exit_Point/bcall					
Selection criteria	PICS 7.2.2/12					
Test Purpose name	P-Asserted-Identity not re	eceived IBCF adds a P-Ass	erted-Identity to a 200 response			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network and no P-Asserted-Identity is present, ensure that a network specific P-Asserted-Identity is included in the 200 OK INVITE response sent to the own network.					
SIP Parameter values	200 OK 1: 200 OK 2: P-Asserted	I-Identity: <[network specific	c URI]>			
Comments						
Message flows	Mx INVITE	SUT →	ic → INVITE			
	180 Ringing 200 OK INVITE2	(← 180 Ringing← 200 OK INVITE1			
		Apply post test ro	Apply post test routine			

TP number	IBCF_102_034	Reference	4.4.5 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	PICS 7.2.2/12 AND PICS 7.2.2	2/13			
Test Purpose name	P-Asserted-Identity received IE	BCF replaces the P-Asserted-I	dentity to a 180 response		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network and a P-Asserted-Identity is present, ensure that a network specific P-Asserted-Identity is included and the received P-Asserted-Identity is removed from the 180 Ringing response sent to the own network.				
SIP Parameter values	180 1: P-Asserted-Identity: <[any URI]> 180 2: P-Asserted-Identity: <[network specific URI]>				
Comments		·			
Message flows	Mx	SUT	lc		
	INVITE → 180 Ringing 2 ←	→ ←	INVITE 180 Ringing 1		
		Apply post test routine			

TP number	IBCF_102_035	Reference	4.4.5 [1]			
TSS reference	Exit_Point/bcall					
Selection criteria	PICS 7.2.2/12 AND PICS 7.2	.2/13				
Test Purpose name	P-Asserted-Identity received	IBCF replaces the P-Asserted-	Identity to a 200 response			
Test Purpose	P-Asserted-Identity is presen included and the received P-	When the IBCF receives a 200 OK INVITE response from the other network and a P-Asserted-Identity is present, ensure that a network specific P-Asserted-Identity is included and the received P-Asserted-Identity is removed from the 200 OK INVITE response sent to the own network.				
SIP Parameter values		200 OK 1: P-Asserted-Identity: <[any URI]> 200 OK 2: P-Asserted-Identity: <[network specific URI]>				
Comments		-				
Message flows	180 Ringing	SUT → ← Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE1			

TP number	IBCF_102_036	Reference	4.4.5 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	PICS 7.2.2/13				
Test Purpose name	P-Asserted-Identity re	eceived IBCF omits the P-A	sserted-Identity from the 180 response		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network and a P-Asserted-Identity is present, ensure that the received P-Asserted-Identity header is omitted from the 180 Ringing response sent to the own network.				
SIP Parameter values	180 1: P-Asserted-Ide 180 2:	entity: <[any URI]>			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	→	→ INVITE		
	180 Ringing 2	←	← 180 Ringing 1		
	Apply post test routine				

TP number	IBCF_102_037	Reference	4.4.5 [1]			
TSS reference	Exit_Point/bcall		·			
Selection criteria	PICS 7.2.2/13					
Test Purpose name	P-Asserted-Identity red	ceived IBCF omits the P-Ass	serted-Identity from the 200 response			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network and a P-Asserted-Identity is present, ensure that the received P-Asserted-Identity header is omitted from the 200 OK INVITE response sent to the own network.					
SIP Parameter values	200 OK 1: P-Asserted- 200 OK 2:	200 OK 1: P-Asserted-Identity: <[any URI]>				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2	SUT → ← ← Apply post test i	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1			

TP number	IBCF_102_037A	Reference	4.4.5 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.2.2/12 AND NOT	PICS 7.2.2/13			
Test Purpose name	P-Asserted-Identity is passed i	n the 180 response			
Test Purpose	When the IBCF receives an 180 Ringing response from the other network and the P-Asserted-Identity is present, ensure that the received P-Asserted-Identity is included in the 180 Ringing response sent to the own network.				
SIP Parameter values	180 1: P-Asserted-Identity: <[any URI]> 180 2: P-Asserted-Identity: <[any URI]>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	180 Ringing 2 ←	-	180 Ringing 1		
	Apply post test routine				

TP number	IBCF 102 038	Reference	5.10.2 [1],			
			16.6 [19]			
TSS reference	Exit_Point/bcall		·			
Selection criteria	NOT PICS 7.1.1/2					
Test Purpose name	A Via header is added	I in the INVITE				
Test Purpose	message to the other location with a protocol parameter beginning w	Ensure that the IBCF on receipt of an INVITE request from the own network forwards the message to the other network after having inserted in first position a Via header set to its location with a protocol name set to SIP, a protocol version set to 2.0 and a branch parameter beginning with "z9hG4bK" - to the received list of Via headers.				
SIP Parameter values	INVITE1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value] INVITE2: VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value] VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]					
Comments						
Message flows	Mx	SUT	lc			
	INVITE1	→	→ INVITE2			
	Apply post test routine					

TP number	IBCF_102_039	Reference	5.10.2 [1], 16.4 [19]			
TSS reference	Exit_Point/bcall		1.0[.0]			
Selection criteria	NOT PICS 7.1.1/2					
Test Purpose name	A Via header is added in the	ACK				
Test Purpose	message to the other network location with a protocol name	Ensure that the IUT on receipt of an ACK request from the own network forwards the message to the other network after having inserted in first position a Via header - set to its location with a protocol name set to SIP, a protocol version set to 2.0 and a branch parameter beginning with "z9hG4bK" - to the received list of Via headers.				
SIP Parameter values	ACK 2: VIA: SIP/2.0/[trans	ACK 1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value] ACK 2: VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value] VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]				
Comments						
Message flows	180 Ringing 200 OK INVITE	SUT ← ← Apply post test routine	180 Ringing 200 OK INVITE			

TP number	IBCF_102_040	Reference	5.10.2 [1],		
			16.6 [19]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.1.1/2				
Test Purpose name	A Via header is added in the 0	CANCEL			
Test Purpose		t of a CANCEL request from the after having inserted in first po	e own network forwards the osition a Via header - set to its		
	location with a protocol name	set to SIP, a protocol version snG4bK" - to the received list of	set to 2.0 and a branch		
SIP Parameter values	CANCEL 1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value] CANCEL 2: VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value] VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]				
Comments	•		-		
Message flows	Mx	SUT	lc		
	INVITE -	→	INVITE		
	180 Ringing €	·	180 Ringing		
	CANCEL 1	→	CANCEL 2		
		Apply post test routine			

TP number	IBCF_102_041	Reference	5.10.2 [1],		
			16.6 [19]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.1.1/2				
Test Purpose name	A Via header is added	in the BYE			
Test Purpose	Ensure that the IUT on receipt of a BYE request from the own network forwards the message to the other network after having inserted in first position a Via header - set to its location with a protocol name set to SIP, a protocol version set to 2.0 and a branch parameter beginning with "z9hG4bK" - to the received list of Via headers.				
SIP Parameter values	BYE 1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value] BYE 2: VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value] VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE 1	→	→ BYE 2		
	Apply post test routine				

TP number	IBCF_102_042	Reference	5.10.2 [1],		
			16.4 [19]		
TSS reference	Exit_Point/bcall				
Selection criteria	NOT PICS 7.1.1/2				
Test Purpose name	The Route header of the IBCF	is removed from the top of Ro	oute headers in ACK		
Test Purpose	Ensure that the IUT on receipt	of an ACK request from the o	wn network including a Route		
	header with the first value indi-		llue from the request and		
	forwards the message to the o	ther network.			
SIP Parameter values	ACK 1: Route: <sip:[uri of<="" th=""><th>IBCF]>;lr</th><th></th></sip:[uri>	IBCF]>;lr			
	Route: <sip:[any th="" uf<=""><th>RI]>;Ir</th><th></th></sip:[any>	RI]>;Ir			
	ACK 2: Route: <sip:[any th="" uf<=""><th>RI]>;Ir</th><th></th></sip:[any>	RI]>;Ir			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE -	· -	INVITE		
	180 Ringing ← ← 180 Ringing				
	200 OK INVITE ← ← 200 OK INVITE				
	ACK 1	· •	ACK 2		
	Apply post test routine				

TP number	IBCF_102_043	Refere	nce	5.10.2 [1]		
TSS reference	Exit_Point/bcall					
Selection criteria	NOT PICS 7.1.1/2					
Test Purpose name	ACK without Route he	ader received				
Test Purpose	Ensure that the IUT on receipt of an ACK request from the own network without a Route header, forwards the message to the address in the Request-URI in the other network.					
SIP Parameter values						
Comments						
Message flows	Mx		SUT	lc		
	INVITE	→	→	INVITE		
	180 Ringing	←	←	180 Ringing		
	200 OK INVITE	←	←	200 OK INVITE		
	ACK	→	→	ACK		
		Apply	post test routine			

TP number	IBCF_102_044	4 F	Reference		5.10.2 [1]		
TSS reference	Exit_Point/bca	II					
Selection criteria	NOT PICS 7.1	.1/2					
Test Purpose name	The Route hea	ader of the IBCF is	s removed from th	ne top of R	oute headers in C	ANCEL	
Test Purpose	Route header	Ensure that the IUT on receipt of a CANCEL request from the own network including a Route header with the first value indicates the IUT, removes that value from the request and forwards the message to the other network.					
SIP Parameter values		Route: <sip:[uri o<br="">Route: <sip:[any l<br="">Route: <sip:[any l<="" th=""><th>JRI]>;Ir</th><th></th><th></th><th></th></sip:[any></sip:[any></sip:[uri>	JRI]>;Ir				
Comments							
Message flows	INVITE 180 Ringing CANCEL 1	→ ← →	SUT Apply post test	→ ← → routine	INVITE 180 Ringing CANCEL 2		

TP number	IBCF_102_045	Reference	5.10.2 [1]			
TSS reference	Exit_Point/bcall					
Selection criteria						
Test Purpose name	CANCEL without Rou	te header received				
Test Purpose	Ensure that the IUT on receipt of a CANCEL request from the own network without a Route header, forwards the message to the address in the Request-URI in the other network.					
SIP Parameter values						
Comments						
Message flows	Mx INVITE 180 Ringing CANCEL	SUT → ← → Apply post te	Ic → INVITE ← 180 Ringing → CANCEL est routine			

TP number	IBCF_102_046	Reference	5.10.2 [1]		
TSS reference	Exit_Point/bcall	•			
Selection criteria	NOT PICS 7.1.1/2				
Test Purpose name	The Route header of the IBCF	is removed from the top of Ro	oute headers in ACK		
Test Purpose	Ensure that the IUT on receipt of a BYE request from the own network including a Route header with the first value indicates the IUT, removes that value from the request and forwards the message to the other network.				
SIP Parameter values	BYE 1:Route: <sip:[uri ibcf]="" of="">;lr Route: <sip:[any]="" uri="">;lr BYE 2:Route: <sip:[any]="" uri="">;lr</sip:[any></sip:[any></sip:[uri>				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE 1	· -	BYE 2		
	Apply post test routine				

TP number	IBCF_102_047	Reference	5.10.2 [1]		
TSS reference	Exit_Point/bcall				
Selection criteria					
Test Purpose name	BYE without Route he	ader received			
Test Purpose			om the own network without a Route le Request-URI in the other network.		
SIP Parameter values			·		
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	→	→ BYE		
	Apply post test routine				

6.1.3 Screening of SIP signalling

6.1.3.1 Basic call requirements

TP number	IBCF_103_001_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•	·		
Selection criteria	PICS 7.1.1/3 AND F	PICS 7.2.2/25			
Test Purpose name	Accept header supp	orted in INVITE			
Test Purpose	header, ensure that		the own network containing an Accept the other network and the Accept ork.		
SIP Parameter values	INVITE: Accept: n	nultipart/mixed,application/sdp	0		
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	Apply post test routine				

TP number	IBCF_103_001_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/25			
Test Purpose name	Accept header not supported	in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Accept header, ensure that an INVITE request is sent to the other network and the Accept header is not present.				
SIP Parameter values	INVITE1: Accept: multipart/mixed,application/sdp INVITE2:				
Comments					
Message flows	Mx	SUT	Ic		
	INVITE1 →	Apply post test routine	INVITE2		

TP number	IBCF_103_002_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/25			
Test Purpose name	Accept header supporte	ed in 200 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Accept header, ensure that a 200 OK INVITE response is sent to the own network and the Accept header is present as received from the other network.				
SIP Parameter values	200 OK: Accept: appli	ication/sdp,text/plain			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE		

TP number	IBCF_103_002_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/25		
Test Purpose name	Accept header not supported	in 200 OK		
Test Purpose		OOK INVITE response from the		
	Accept header, ensure that a	200 OK INVITE response is se	nt to the own network and	
	the Accept header is not prese	ent.		
SIP Parameter values	200 OK:1 Accept: application.	/sdp,text/plain		
	200 OK:2			
Comments				
Message flows	Mx	SUT	lc	
	INVITE -	→	INVITE	
	180 Ringing €	-	180 Ringing	
	200 OK INVITE2	-	200 OK INVITE1	
	Apply post test routine			

TP number	IBCF_103_003_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall		·	
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/25		
Test Purpose name	Accept header suppor	rted in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing an Accept header, ensure that a BYE request is sent to the other network and the Accept header is present as received from the own network.			
SIP Parameter values	BYE: Accept: text/pla	ain		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	→	→ BYE	
	Apply post test routine			

TP number	IBCF_103_003_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·	·	
Selection criteria	PICS 7.1.1/3 AND NOT PI	CS 7.2.2/25		
Test Purpose name	Accept header not suppor			
Test Purpose			n network containing an Accept er network and the Accept header is	
SIP Parameter values	BYE1: Accept: text/plain BYE2:			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE1	→	→ BYE2	
	Apply post test routine			

TP number	IBCF_103_004_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	1/18			
Test Purpose name	Accept-Contact header support				
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Accept-Contact header, ensure that an INVITE request is sent to the other network and the Accept-Contact header is present as received from the own network.				
SIP Parameter values	INVITE: Accept-Contact: * ;mobility="mobile";language="en,de"				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	INVITE		
	Apply post test routine				

TP number	IBCF_103_004_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/18			
Test Purpose name	Accept-Contact header not su	pported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Accept-Contact header, ensure that an INVITE request is sent to the other network and the Accept-Contact header is not present.				
SIP Parameter values	INVITE1: Accept-Contact: * ;mobility="mobile";language="en,de" INVITE2:				
Comments					
Message flows	Mx SUT Ic				
	INVITE1 → INVITE1				
	Apply post test routine				

TP number	IBCF_103_005_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/18		
Test Purpose name	Accept-Contact heade	er supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing an Accept-Contact header, ensure that a BYE request is sent to the other network and the Accept-Contact header is present as received from the own network.			
SIP Parameter values	BYE: Accept-Contac	t: *;mobility="fixed"; languag	e="en,de"	
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	→	→ BYE	
	Apply post test routine			

TP number	IBCF_103_005_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/18			
Test Purpose name		r not supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing an Accept-Contact header, ensure that a BYE request is sent to the other network and the Accept-Contact header is not present.				
SIP Parameter values	BYE1: Accept-Contact: *;mobility="fixed"; language="en,de" BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1 → BYE2				
	Apply post test routine				

TP number	IBCF_103_006_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	26		
Test Purpose name	Accept-Encoding header supp			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Accept-Encoding header, ensure that an INVITE request is sent to the other network and the Accept-Encoding header is present as received from the own network.			
SIP Parameter values	INVITE: Accept-Encoding: g	zip		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE -	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_006_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/26			
Test Purpose name	Accept-Encoding head	der not supported in INVIT	E		
Test Purpose	Accept-Encoding head	When the IBCF receives an INVITE request from the own network containing an Accept-Encoding header, ensure that an INVITE request is sent to the other network and the Accept-Encoding header is not present.			
SIP Parameter values	INVITE1: Accept-End INVITE2:	coding: gzip			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1	→	→ INVITE2		
		Apply post test routine			

TP number	IBCF_103_007_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/26			
Test Purpose name	Accept-Encoding head	der supported in 200 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Accept-Encoding header, ensure that a 200 OK INVITE response is sent to the own network and the Accept-Encoding header is present as received from the other network.				
SIP Parameter values	200 OK: Accept-Enc	oding: gzip			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing	←	180 Ringing		
	200 OK INVITE	←	← 200 OK INVITE		
		Apply post tes	t routine		

TP number	IBCF_103_007_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/26			
Test Purpose name	Accept-Encoding header not				
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Accept-Encoding header, ensure that a 200 OK INVITE response is sent to the own network and the Accept-Encoding header is not present.				
SIP Parameter values	200 OK 1: Accept-Encoding: gzip 200 OK 1:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE -	→	INVITE		
	180 Ringing	÷	180 Ringing		
	200 OK INVITE2	+	200 OK INVITE1		
	Apply post test routine				

TP number	IBCF_103_008_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/26		
Test Purpose name	Accept-Encoding hea	der supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing an Accept-Encoding header, ensure that a BYE request is sent to the other network and the Accept-Encoding header is present as received from the own network.			
SIP Parameter values	BYE: Accept-Encodi	ng: gzip		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	→	→ BYE	
	Apply post test routine			

TP number	IBCF_103_008_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/26			
Test Purpose name	Accept-Encoding header not s	upported in BYE			
Test Purpose	When the IBCF receives a BYE	Erequest from the own networ	k containing an		
	Accept-Encoding header, ensu	re that a BYE request is sent t	o the other network and the		
	Accept-Encoding header is not	present.			
SIP Parameter values	BYE1: Accept-Encoding: gzip				
	BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1 → BYE2				
		Apply post test routine			

TP number	IBCF_103_009_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND I	PICS 7.2.2/27			
Test Purpose name	Accept-Language h	eader supported in INVITE			
Test Purpose	Accept-Language h	When the IBCF receives an INVITE request from the own network containing an Accept-Language header, ensure that an INVITE request is sent to the other network and the Accept-Language header is present as received from the own network.			
SIP Parameter values	INVITE: Accept-L	anguage: en, de			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	Apply post test routine				

TP number	IBCF_103_009_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall	·	•
Selection criteria	PICS 7.1.1/3 AND NOT PICS	5 7.2.2/27	
Test Purpose name	Accept-Language header no	t supported in INVITE	
Test Purpose		NVITE request from the own n nsure that an INVITE request is r is not present.	
SIP Parameter values	INVITE1: Accept-Language: INVITE2:	en, de	
Comments			
Message flows	Mx INVITE1	SUT Apply post test routine	ic INVITE1

TP number	IBCF_103_010_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	<u>.</u>	•	
Selection criteria	PICS 7.1.1/3 AND PICS	3 7.2.2/27		
Test Purpose name	Accept-Language head	er supported in 200 OK		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Language header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Language header is present as received from the own network.			
SIP Parameter values	200 OK: Accept-Lange	uage: en, de		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test i	Ic → INVITE ← 180 Ringing ← 200 OK INVITE	

TP number	IBCF_103_010_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/27		
Test Purpose name	Accept-Language head	er not supported in 200 C	oK	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Language header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Language header is not present.			
SIP Parameter values	200 OK 1: Accept-Language: en, de 200 OK 2:			
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2	SUT → ← Apply post test i	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 routine	

TP number	IBCF_103_011_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/27			
Test Purpose name	Accept-Language head	der supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing an Accept-Language header, ensure that a BYE request is sent to the other network and the Accept-Language header is present as received from the own network.				
SIP Parameter values	BYE: Accept-Language: en, de				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	→	→ BYE		
	Apply post test routine				

TP number	IBCF_103_011_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/27			
Test Purpose name	Accept-Language he	ader not supported in BYE			
Test Purpose			own network containing an est is sent to the other network and the		
SIP Parameter values	BYE1: Accept-Langu BYE2:	age: en, de			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1	→	→ BYE2		
	Apply post test routine				

TP number	IBCF_103_011A_A	Reference	Annex A [21]			
TSS reference	Exit_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/29				
Test Purpose name	Accept-Resource-Priori	ity header supported in 200	OK			
Test Purpose	Accept-Resource-Priori	When the IBCF receives a 200 OK response from the foreign network containing an Accept-Resource-Priority header, ensure that an 200 OK response is sent to the own network and the Accept-Resource-Priority is present as received from the foreign network				
SIP Parameter values	Resource-Pr	Resource-Priority: q735.4				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT → ← → Apply post test re	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK outine			

TP number	IBCF_103_011A_B	Reference	Annex A [21]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/29				
Test Purpose name	Accept-Resource-Prior	ity header not supported in	200 OK			
Test Purpose	Accept-Resource-Priori	When the IBCF receives a 200 OK response from the foreign network containing an Accept-Resource-Priority header, ensure that an INVITE request is sent to the own network and the Accept-Resource-Priority is not present.				
SIP Parameter values	INVITE: Require: res Resource-Pr 200 OK 1: Accept-Reso 200 OK 2:	riority: q735.4				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK	SUT → ← ← Apply post test re	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 → ACK Dutine			

TP number	IBCF_103_011B_A	Reference	Aı	nnex A [21]	
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND F	PICS 7.2.2/29			
Test Purpose name	Accept-Resource-P	riority header supported in	BYE		
Test Purpose		eives a BYE request from			
		eader, ensure that a BYE			
	Accept-Resource-P	riority header is present a	s received from the	e own network.	
SIP Parameter values	INVITE: Require:	INVITE: Require: resource-priority			
	Resource	e-Priority: q735.4			
	BYE: Accept-Resource-Priority: q735.4				
Comments					
Message flows	Mx	SU ⁻		Ic	
		A session is already established			
	BYE	→	→ B'	YE	
	200 OK BYE	←	← 20	00 OK BYE	

TP number	IBCF 103 011B B	Reference	Annex A [21]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND N	OT PICS 7.2.2/29			
Test Purpose name	Accept-Resource-Pri	iority header not supported	in BYE		
Test Purpose	Resource-Priority he	When the IBCF receives a BYE request from the own network containing an Accept-Resource-Priority header, ensure that a BYE request is sent to the other network and the Accept-Resource-Priority header is not present.			
SIP Parameter values	INVITE: Require: r Resource	resource-priority -Priority: q735.4 esource-Priority: q735.4			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1	→	→ BYE2		
	200 OK BYE	←	← 200 OK BYE		

TP number	IBCF_103_011C_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	PICS 7.1.1/3 AND PICS 7.2.2/28			
Test Purpose name	Alert-Info header supported in INVITE				
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Alert-Info header, ensure that an INVITE request is sent to the other network and the Alert-Info header is present as received from the own network.				
SIP Parameter values	INVITE: Alert-Info: <any value=""></any>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	INVITE		
	Apply post test routine				

TP number	IBCF_103_011C_B	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7.2.2/28			
Test Purpose name	Alert-Info header not supported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Alert-Info header, ensure that an INVITE request is sent to the other network and the Alert-Info header is not present.			
SIP Parameter values	INVITE1: Alert-Info: <any value=""> INVITE2:</any>			
Comments				
Message flows	Mx	SUT	lc	
-	INVITE1 →	Apply post test routine	INVITE2	

Exit_Point/scr/bcall PICS 7.1.1/3 AND PICS 7.2.2/2	28			
	28			
Alant lafa la andra accordante d'acc				
Alert-into neader supported in	Alert-Info header supported in 180			
When the IBCF receives an 180 response from the foreign network containing an Alert-Info header, ensure that an INVITE request is sent to the own network and the Alert-Info header is present as received from the foreign network.				
180: Alert-Info: <any value=""></any>	-			
Mx INVITE → 180 Ringing ← 200 OK INVITE ← ACK →		Ic INVITE 180 Ringing 200 OK INVITE ACK		
	When the IBCF receives an 18 Info header, ensure that an IN\header is present as received f 180: Alert-Info: <any value=""> Mx INVITE 180 Ringing 200 OK INVITE •</any>	When the IBCF receives an 180 response from the foreign no Info header, ensure that an INVITE request is sent to the own header is present as received from the foreign network. 180: Alert-Info: <any value=""> Mx SUT INVITE 180 Ringing 200 OK INVITE ** ** ** ** ** ** ** ** **</any>		

TP number	IBCF_103_011D_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	PICS 7.1.1/3 AND NOT PICS 7.2.2/28			
Test Purpose name	Alert-Info header not s	Alert-Info header not supported in 180			
Test Purpose	When the IBCF receives an 180 response from the foreign network containing an Alert-Info header, ensure that an INVITE request is sent to the own network and the Alert-Info header is not present.				
SIP Parameter values	180 1: Alert-Info: <any value=""> 180 2:</any>				
Comments					
Message flows	Mx INVITE 180 Ringing2 200 OK INVITE ACK	SUT	Ic → INVITE ← 180 Ringing1 ← 200 OK INVITE → ACK		

TP number	IBCF_103_012_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND F	PICS 7.1.1/3 AND PICS 7.2.2/30			
Test Purpose name	Allow header suppo	Allow header supported in INVITE			
Test Purpose	header, ensure that	When the IBCF receives an INVITE request from the own network containing an Allow header, ensure that an INVITE request is sent to the other network and the Allow header is present as received from the own network.			
SIP Parameter values	INVITE: Allow: IN	VITE, ACK, CANCEL, BYE			
Comments					
Message flows	Mx INVITE	SUT → Apply post te	Ic → INVITE st routine		

TP number	IBCF_103_012_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	PICS 7.1.1/3 AND NOT PICS 7.2.2/30			
Test Purpose name	Allow header not supported in INVITE				
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Allow header, ensure that an INVITE request is sent to the other network and the Allow header is not present.				
SIP Parameter values	INVITE1: Allow: INVITE, ACK, CANCEL, BYE INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 Apply post test routine				

TP number	IBCF_103_013_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	30		
Test Purpose name	Allow header supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing an Allow header, ensure that a 180 Ringing response is sent to the own network and the Allow header is present as received from the other network.			
SIP Parameter values	180: Allow: INVITE, ACK, CA	ANCEL, BYE		
Comments				
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE	-	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_013_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/30		
Test Purpose name	Allow header not supp	oorted in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing an Allow header, ensure that a 180 Ringing response is sent to the own network and the Allow header is not present.			
SIP Parameter values	180 1: Allow: INVITE, 7 180 2:	ACK, CANCEL, BYE		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	180 Ringing 2	←	← 180 Ringing 1	
	200 OK INVITE	←	← 200 OK INVITE	
		Apply post test routine		

TP number	IBCF_103_014_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	30		
Test Purpose name	Allow header supported in 200	OK		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Allow header, ensure that a 200 OK INVITE response is sent to the own network and the Allow header is present as received from the other network.			
SIP Parameter values	200 OK: Allow: INVITE, ACK	, CANCEL, BYE		
Comments				
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE	SUT → ← Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_014_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2/30		
Test Purpose name	Allow header not suppor	ted in 200 OK		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Allow header, ensure that a 200 OK INVITE response is sent to the own network and the Allow header is not present.			
SIP Parameter values	200 OK 1: Allow: INVITE, 200 OK 2:	ACK, CANCEL, BYE		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE2 outine	

TP number	IBCF_103_015_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	30		
Test Purpose name	Allow header supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing an Allow header, ensure that a BYE request is sent to the other network and the Allow header is present as received from the own network.			
SIP Parameter values	BYE: Allow: INVITE, ACK, CA	ANCEL, BYE		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE →	→	BYE	
	Apply post test routine			

TP number	IBCF_103_015_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/30			
Test Purpose name	Allow header not sup	ported in BYE			
Test Purpose			vn network containing an Allow ner network and the Allow header is		
SIP Parameter values	BYE1: Allow: INVITE, BYE2:	ACK, CANCEL, BYE			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1 → BYE2				
	Apply post test routine				

TP number	IBCF_103_016_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	'30		
Test Purpose name	Allow header supported in 200	OK BYE		
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing an Allow header, ensure that a 200 OK BYE response is sent to the own network and the Allow header is present as received from the other network.			
SIP Parameter values	200 OK BYE: Allow: INVITE, ACK, CANCEL, OPTIONS, BYE			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE →	→	BYE	
	200 OK BYE ←	·	200 OK BYE	

TP number	IBCF_103_016	B Refer	ence	Annex A [2]	
TSS reference	Exit Point/scr/b	call			
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS 7.2.2/3	0		
Test Purpose name	Allow header no	ot supported in 200	OK BYE		
Test Purpose	Allow header, e	When the IBCF receives a 200 OK BYE response from the other network containing an Allow header, ensure that a 200 OK BYE response is sent to the own network and the Allow header is not present.			
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Allow: INVITE, ACK, CANCEL, OPTIONS, BYE			
Comments					
Message flows	Mx		SUT	lc	
	A session is already established				
	BYE	→	→	BYE	
	200 OK BYE2	←	+	200 OK BYE1	

TP number	IBCF_103_017_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	31			
Test Purpose name	Allow-Events header supported	d in INVITE			
Test Purpose		When the IBCF receives an INVITE request from the own network containing an			
		Allow-Events header, ensure that an INVITE request is sent to the other network and the			
	Allow-Events header is presen	t as received from the own net	work.		
SIP Parameter values	INVITE: Allow-Events: call-c	ompletion			
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	Apply post test routine				

TP number	IBCF_103_017_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/31	
Test Purpose name	Allow-Events header no	ot supported in INVITE	
Test Purpose		nsure that an INVITE reque	he own network containing an est is sent to the other network and the
SIP Parameter values	INVITE1: Allow-Events INVITE2:	: call-completion	
Comments			
Message flows	Mx	SUT	lc
	INVITE1	Apply post test r	→ INVITE2 coutine

TP number	IBCF_103_018_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.	2/31		
Test Purpose name	Allow-Events header suppor	ted in 200 OK		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Allow-Events header, ensure that a 200 OK INVITE response is sent to the own network and the Allow-Events header is present as received from the other network.			
SIP Parameter values	200 OK: Allow-Events: call	-completion		
Comments		•		
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_018_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/31			
Test Purpose name	Allow-Events header r	not supported in 200 OK			
Test Purpose	Allow-Events header,	When the IBCF receives a 200 OK INVITE response from the other network containing an Allow-Events header, ensure that a 200 OK INVITE response is sent to the own network and the Allow-Events header is not present.			
SIP Parameter values	200 OK 1: Allow-Even 200 OK 2:	ts: call-completion			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT → ← ← Apply post test i	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 routine		

TP number	IBCF_103_019_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	31			
Test Purpose name	Allow-Events header supported	d in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing an Allow-Events header, ensure that a BYE request is sent to the other network and the Allow-Events header is present as received from the own network.				
SIP Parameter values	BYE: Allow-Events: call-completion				
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE → BYE				
	Apply post test routine				

TP number	IBCF_103_019_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/31			
Test Purpose name	Allow-Events header not supp	orted in BYE			
Test Purpose	When the IBCF receives a BYE header, ensure that a BYE req				
	header is not present.	uest is sent to the other netwo	ik and the Allow-Events		
SIP Parameter values	BYE1: Allow-Events: call-completion BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1 → BYE2				
	Apply post test routine				

TP number	IBCF_103_020_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/31		
Test Purpose name	Allow-Events header supporte	d in 200 OK BYE		
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing an Allow-Events header, ensure that a 200 OK BYE response is sent to the own network and the Allow-Events header is present as received from the other network.			
SIP Parameter values	200 OK BYE: Allow-Events: call-completion			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE -	→	BYE	
	200 OK BYE	·	200 OK BYE	

TP number	IBCF 103 020	B Refere	ence	Annex A [2]		
TSS reference	Exit_Point/scr/bo	call				
Selection criteria	PICS 7.1.1/3 AN	ID NOT PICS 7.2.2/3	1			
Test Purpose name	Allow-Events he	ader not supported	n 200 OK BYE			
Test Purpose	Allow-Events he	When the IBCF receives a 200 OK BYE response from the other network containing an Allow-Events header, ensure that a 200 OK BYE response is sent to the own network and the Allow-Events header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Allow-Events: call-completion				
Comments						
Message flows	Mx		SUT	Ic		
_		A session is already established				
	BYE	→	→	BYE		
	200 OK BYE2	T - T - T - T - T - T - T - T - T - T				

TP number	IBCF_103_020A_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	34			
Test Purpose name	Answer-Mode header supporte	ed in INVITE request			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Answer-Mode header, ensure that an INVITE request is sent to the other network and the Answer-Mode header is present as received from the own network.				
SIP Parameter values	INVITE1: Answer-Mode: Auto;require				
Comments					
Message flows	Mx	SUT	lc		
	INVITE → INVITE				
	Apply post test routine				

TP number	IBCF_103_020A_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/34			
Test Purpose name	Answer-Mode header not sup	ported in INVITE request			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Answer-Mode header, ensure that an INVITE request is sent to the other network and the Answer-Mode header is not present.				
SIP Parameter values	INVITE1: Answer-Mode: Auto;require INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 →	→ Apply post test routine	INVITE2		

TP number	IBCF_103_020B_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/32			
Test Purpose name	Authentication-Info header sup	pported in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE request from the own network containing a Authentication-Info header, ensure that an INVITE response is sent to the other network and the Authentication-Info header is present as received from the own network.				
SIP Parameter values	200 OK: Authentication-Info:	nextnonce="9301749320749	6219"		
Comments					
Message flows	Mx	SUT	lc		
	INVITE -	→	INVITE		
	180 Ringing ← 180 Ringing				
	200 OK INVITE ← 200 OK INVITE				
		Apply post test routine			

TP number	IBCF_103_020B_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/32			
Test Purpose name		ader not supported in 200			
Test Purpose	Authentication-Info hea	When the IBCF receives a 200 OK INVITE response from the other network containing a Authentication-Info header, ensure that a 200 IK INVITE response is sent to the own network and the Authentication-Info header is not present.			
SIP Parameter values	200 OK 1: Authenticati 200 OK 2:	200 OK 1: Authentication-Info: nextnonce="93017493208496219" 200 OK 2:			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 routine		

TP number	IBCF_103_020C_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	2.2/32		
Test Purpose name	Authentication-Info header			
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing an Authentication-Info header, ensure that a 200 OK BYE response is sent to the own network and the Authentication-Info header is present as received from the other network.			
SIP Parameter values	200 OK BYE: Authentication-Info: nextnonce="93017493207496219"			
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE	→ →	BYE	
	200 OK BYE	+ +	200 OK BYE	

TP number	IBCF_103_0200	C_B	Reference		Annex A [2]
TSS reference	Exit_Point/scr/b	call			
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS	7.2.2/32		
Test Purpose name	Authentication-I	nfo header not	supported in 200	OK BYE	
Test Purpose	Authentication-I	When the IBCF receives a 200 OK BYE response from the other network containing an Authentication-Info header, ensure that a 200 OK BYE response is sent to the own network and the Authentication-Info header is not present.			
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Authentication-Info: nextnonce="93017493207496219"			
Comments					
Message flows	Mx	Mx SUT Ic			
		A session is already established			
	BYE	→		→	BYE
	200 OK BYE2	+		+	200 OK BYE1

TP number	IBCF_103_020D_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	33		
Test Purpose name	Authorization header supported	d in INVITE		
Test Purpose	When the IBCF receives an IN			
	Authorization header, ensure the			
	Authorization header is present			
SIP Parameter values	INVITE: Authorization: Digest username= "[any value]", realm="[any value]",			
	nonce="[any value]", u	ri="[any value]", response="[a	ny value]", algorithm=MD5	
Comments				
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_020D_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•	<u> </u>		
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/33			
Test Purpose name	Authorization header no				
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Authorization header, ensure that an INVITE request is sent to the other network and the Authorization header is not present.				
SIP Parameter values	INVITE1: Authorization: Digest username= "[any value]", realm="[any value]", nonce="[any value]", uri="[any value]", response="[any value]", algorithm=MD5 INVITE2:				
Comments					
Message flows	Mx SUT Ic				
	INVITE1 → INVITE2				
	Apply post test routine				

TP number	IBCF_103_020E_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	33 AND PICS 7.2.2/103		
Test Purpose name	Authorization header supported	d in REGISTER		
Test Purpose	When the IBCF receives an RE	GISTER request from the own	n network containing a	
	Authorization header, ensure that an REGISTER request is sent to the other network and			
	the Authorization header is present as received from the own network.			
SIP Parameter values	REGISTER: Authorization: Di	gest username= "[any value]",	realm="[any value]",	
	nonce="[any value]"	, uri="[any value]", response="	[any value]", algorithm=MD5	
Comments				
Message flows	Mx	SUT	lc	
	REGISTER →	→	REGISTER	
		Apply post test routine		

TP number	IBCF_103_020E_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/33 AND PICS 7.2.2/103		
Test Purpose name	Authorization header not supp	oorted in REGISTER		
Test Purpose	When the IBCF receives an REGISTER request from the own network containing a Authorization header, ensure that an REGISTER request is sent to the other network and the Authorization header is not present.			
SIP Parameter values	REGISTER1: Authorization: Digest username= "[any value]", realm="[any value]", nonce="[any value]", uri="[any value]", response="[any value]", algorithm=MD5 REGISTER2:			
Comments				
Message flows	Mx	SUT	Ic	
	REGISTER1 →	→	REGISTER2	
	Apply post test routine			

TP number	IBCF_103_021	Re	ference		Annex A [2]	
TSS reference	Exit_Point/scr/b	call			·	
Selection criteria						
Test Purpose name	Call-ID header s	supported in INVIT	E			
Test Purpose	header, ensure	When the IBCF receives an INVITE request from the own network containing a Call-ID header, ensure that an INVITE request is sent to the other network and the Call-ID header is present as received from the own network.				
SIP Parameter values	INVITE: Call-I	INVITE: Call-ID: [any value]				
Comments						
Message flows	Mx		SUT		lc	
	INVITE	INVITE Apply post test routine				

TP number	IBCF_103_022	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	Call-ID header support	ed in 180		
Test Purpose	Call-ID header, ensure		from the other network containing a se is sent to the own network and the ner network.	
SIP Parameter values	180: Call-ID: [any val	lue]		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	180 Ringing	←	 180 Ringing 	
		Apply post test routine		

TP number	IBCF_103_023	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	Call-ID header supported in 2	00 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Call-ID header, ensure that a 200 OK INVITE response is sent to the own network and the Call-ID header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Call-ID: [any	value]		
Comments				
Message flows	Mx INVITE	·	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_024	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	NOT PICS 7.1.1/2					
Test Purpose name	Call-ID header supported in A0	CK				
Test Purpose	When the IBCF receives an AC	CK request from the own netw	ork containing a Call-ID			
	header, ensure that an ACK re		work and the Call-ID header is			
	present as received from the o	present as received from the own network.				
SIP Parameter values	ACK: Call-ID: [any value]					
Comments						
Message flows	Mx	SUT	lc			
	INVITE →	· -	INVITE			
	180 Ringing ←	· ←	180 Ringing			
	200 OK INVITE ←	· ←	200 OK INVITE			
	ACK →	• →	ACK			
		Apply post test routine				

TP number	IBCF_103_025	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	Call-ID header supported in BY	Æ		
Test Purpose	When the IBCF receives a BYI header, ensure that a BYE req present as received from the o	uest is sent to the other netwo		
SIP Parameter values	BYE: Call-ID: [any value]			
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE →	→	BYE	
	Apply post test routine			

TP number	IBCF_103_026	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•	• • •		
Selection criteria					
Test Purpose name	Call-ID header support	ted in 200 OK BYE			
Test Purpose	Call-ID header, ensur		from the other network containing a see is sent to the own network and the er network.		
SIP Parameter values	200 OK BYE: Call-ID:	[any value]			
Comments					
Message flows	Mx	SUT	lc		
-		A session is already established			
	BYE	→	→ BYE		
	200 OK BYE	←	← 200 OK BYE		

TP number	IBCF_103_027_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	24		
Test Purpose name	Call-Info header supported in	NVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Call-Info header, ensure that an INVITE request is sent to the other network and the Call-Info header is present as received from the own network.			
SIP Parameter values	INVITE: Call-Info: <[any UR]>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE -	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_027_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/24		
Test Purpose name	Call-Info header not supporte	d in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Call-Info header, ensure that an INVITE request is sent to the other network and the Call-Info header is not present.			
SIP Parameter values	INVITE1: Call-Info: <[any URI INVITE2:]>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 -	Apply post test routine	INVITE2	
		Apply post test routille		

TP number	IBCF_103_028_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	24		
Test Purpose name	Call-Info header supported in	180		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Call-Info header, ensure that a 180 Ringing response is sent to the own network and the Call-Info header is present as received from the other network.			
SIP Parameter values	180: Call-Info: <[any URI]>			
Comments				
Message flows	Mx	SUT	lc	
	INVITE -	·	INVITE	
	180 Ringing ←	· ←	180 Ringing	
	Apply post test routine			

TP number	IBCF_103_028_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/24	
Test Purpose name	Call-Info header not s	supported in 180	
Test Purpose		ure that a 180 Ringing respo	from the other network containing a conse is sent to the own network and the
SIP Parameter values	180 1: Call-Info: <[any 180 1:	y URI]>	
Comments			
Message flows	Mx INVITE 180 Ringing	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing routine

TP number	IBCF_103_029_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	/24			
Test Purpose name	Call-Info header supported in 2	200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Call-Info header, ensure that a 200 OK INVITE response is sent to the own network and the Call-Info header is present as received from the other network.				
SIP Parameter values	200 OK INVITE: Call-Info: <[a	200 OK INVITE: Call-Info: <[any URI]>			
Comments					
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE	·	Ic INVITE 180 Ringing 200 OK INVITE		

TP number	IBCF_103_029_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/24			
Test Purpose name	Call-Info header not su	upported in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Call-Info header, ensure that a 200 OK INVITE response is sent to the own network and the Call-Info header is not present.				
SIP Parameter values	200 OK INVITE1: Call-Info: <[any URI]> 200 OK INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE → INVITE				
	180 Ringing ← 180 Ringing				
	200 OK INVITE2 ← 200 OK INVITE1				
		Apply post test	routine		

TP number	IBCF_103	_030	Reference		Annex A [2]
TSS reference	Exit_Point	/scr/bcall			
Selection criteria					
Test Purpose name	Contact he	eader supported in II	NVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Contact header, ensure that an INVITE request is sent to the other network and the Contact header is present as received from the own network.				
SIP Parameter values	INVITE: Contact: <[any URI]>				
Comments					
Message flows		Mx	SUT		lc
-	INVITE	→		→	INVITE
	Apply post test routine				

TP number	IBCF_103_031	Reference		Annex A [2]
TSS reference	Exit_Point/scr/bcall	<u> </u>		•
Selection criteria				
Test Purpose name	Contact header support	orted in 180		
Test Purpose	Contact header, ensu		sponse is sen	other network containing a t to the own network and the ork.
SIP Parameter values	180: Contact: <[any	/ URI]>		
Comments				
Message flows	Mx	SU ⁻	Γ	Ic
	INVITE	→	→	INVITE
	180 Ringing	←	←	180 Ringing
	Apply post test routine			

TP number	IBCF_103_032	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall		·	
Selection criteria				
Test Purpose name	Contact header support	rted 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Contact header, ensure that a 200 OK INVITE response is sent to the own network and the Contact header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Cont	act: <[any URI]>		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE	

IBCF_103_033	Refere	ence	Annex A [2]	
Exit_Point/scr/bcall			•	
NOT PICS 7.1.1/2				
Contact header suppo	rted in ACK			
When the IBCF receives an ACK request from the own network containing a Contact header, ensure that an ACK request is sent to the other network and the Contact header is present as received from the own network.				
Mx INVITE 180 Ringing 200 OK INVITE ACK	→ ← ← → Appl	SUT	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK ine	
	Exit_Point/scr/bcall NOT PICS 7.1.1/2 Contact header suppo When the IBCF receiv header, ensure that ar is present as received ACK: Contact: <[any Mx INVITE 180 Ringing 200 OK INVITE	Exit_Point/scr/bcall NOT PICS 7.1.1/2 Contact header supported in ACK When the IBCF receives an ACK request is present as received from the own of ACK: Contact: <[any URI]> Mx INVITE 180 Ringing 200 OK INVITE ACK: ACK	Exit_Point/scr/bcall NOT PICS 7.1.1/2 Contact header supported in ACK When the IBCF receives an ACK request from the owr header, ensure that an ACK request is sent to the other is present as received from the own network. ACK: Contact: <[any URI]> Mx SUT INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_036_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	35		
Test Purpose name	Content-Disposition header su	oported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Content-Disposition header, ensure that an INVITE request is sent to the other network and the Content-Disposition header is present as received from the own network.			
SIP Parameter values	INVITE: Content-Disposition: session; handling=optional			
Comments				
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_036_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/35			
Test Purpose name		eader not supported in IN\			
Test Purpose	Content-Disposition he	When the IBCF receives an INVITE request from the own network containing a Content-Disposition header, ensure that an INVITE request is sent to the other network and the Content-Disposition header is not present.			
SIP Parameter values	INVITE1: Content-Dis	INVITE1: Content-Disposition: session; handling=optional			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE1 Apply post test routine				

TP number	IBCF_103_037_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•	·		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/35			
Test Purpose name	Content-Disposition header su	upported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Content-Disposition header, ensure that a 180 Ringing response is sent to the own network and the Content-Disposition header is present as received from the other network.				
SIP Parameter values	180: Content-Disposition: session; handling=optional				
Comments					
Message flows	Mx SUT Ic				
	INVITE	→	INVITE		
	180 Ringing ← 180 Ringing				
	Apply post test routine				

TP number	IBCF_103_037_B	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall	•		
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/35		
Test Purpose name	Content-Disposition hea	ader not supported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Content-Disposition header, ensure that a 180 Ringing response is sent to the own network and the Content-Disposition header is not present.			
SIP Parameter values	180 1: Content-Disposi 180 2:	tion: session; handling=opt	ional	
Comments				
Message flows	Mx	Ic		
-	INVITE	→	→ INVITE	
	180 Ringing2	←	180 Ringing1	
		Apply post test	routine	

TP number	IBCF_103_038_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/35				
Test Purpose name	Content-Disposition h	eader supported in 200 OK IN	IVITE			
Test Purpose	Content-Disposition h	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Disposition header, ensure that 200 OK INVITE response is sent to the own network and the Content-Disposition header is present as received from the other network.				
SIP Parameter values	200 OK INVITE: Content-Disposition: session; handling=optional					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing					
	200 OK INVITE	200 OK INVITE ← 200 OK INVITE				
		Apply post test routine				

TP number	IBCF_103_038_B	Reference	Annex A [2]		
TSS reference	Exit Point/scr/bcall	•	• •		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/35			
Test Purpose name	Content-Disposition he	ader not supported in 20	0 OK INVITE		
Test Purpose	Content-Disposition he	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Disposition header, ensure that 200 OK INVITE response is sent to the own network and the Content-Disposition header is not present			
SIP Parameter values		ent-Disposition: session; h			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	→	→ INVITE		
	180 Ringing ← ← 180 Ringing				
	← 200 OK INVITE1				
	Apply post test routine				

TP number	IBCF_103_040_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	35		
Test Purpose name	Content-Disposition header su	pported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Content-Disposition header, ensure that a BYE request is sent to the other network and the Content-Disposition header is present as received from the own network.			
SIP Parameter values	BYE: Content-Disposition: session; handling=optional			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE → BYE			
	Apply post test routine			

TP number	IBCF_103_040_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/35		
Test Purpose name	Content-Disposition h	eader not supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Content-Disposition header, ensure that a BYE request is sent to the other network and the Content-Disposition header is not present.			
SIP Parameter values	BYE1: Content-Disposition: session; handling=optional BYE2:			
Comments				
Message flows	Mx	SUT	Ic	
_	A session is already established			
	BYE1	Apply post test re	→ BYE2 outine	

TP number	IBCF 103 041 A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall		•	
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/35		
Test Purpose name	Content-Disposition h	neader supported in 200 OK E	YE	
Test Purpose	Content-Disposition h	neader, ensure that 200 OK B	from the other network containing a YE response is sent to the own sent as received from the other	
SIP Parameter values	200 OK BYE: Content-Disposition: session; handling=optional			
Comments		•	-	
Message flows	Mx	SUT	lc	
_	A session is already established			
	BYE	→	→ BYE	
	200 OK BYE	←	◆ 200 OK BYE	

SIP Parameter values		network and the Content-Disposition header is not present. 200 OK BYE1: Content-Disposition: session; handling=optional			
	200 OK BYE2:				
Comments					
Message flows	Mx	SUT	lc		
Message flows	IVIX				
		A session is already established			
	DVE	→	→ BYE		
	IBYE	7	7 DIE		
	IRVE				

TP number	IBCF_103_042_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	PICS 7.1.1/3 AND PICS 7.2.2/36		
Test Purpose name	Content-Encoding header supp	oorted in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a			
	Content-Encoding header, ensure that an INVITE request is sent to the other network and			
	the Content-Encoding header is present as received from the own network.			
SIP Parameter values	INVITE: Content-Encoding: g	gzip		
Comments				
Message flows	Mx	SUT	lc	
	INVITE ->	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_042_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/36			
Test Purpose name	Content-Encoding hea	der not supported in INVI	TE		
Test Purpose	Content-Encoding hea	When the IBCF receives an INVITE request from the own network containing a Content-Encoding header, ensure that an INVITE request is sent to the other network and the Content-Encoding header is not present.			
SIP Parameter values	INVITE1: Content-End INVITE2:	INVITE1: Content-Encoding: gzip			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1	Annly neet to at	→ INVITE2		
		Apply post test	Apply post test routine		

TP number	IBCF_103_043_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/36		
Test Purpose name	Content-Encoding header sup	ported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Content-Encoding header, ensure that a 180 Ringing response is sent to the own network and the Content-Encoding header is present as received from the other network.			
SIP Parameter values	180: Content-Encoding: gzip			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE -	· -	INVITE	
	180 Ringing ←	· ←	180 Ringing	
	Apply post test routine			

TP number	IBCF_103_043_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/36		
Test Purpose name	Content-Encoding hea	ader not supported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Content-Encoding header, ensure that a 180 Ringing response is sent to the own network and the Content-Encoding header is not present.			
SIP Parameter values	180 1: Content-Encod 180 2:	ding: gzip		
Comments				
Message flows	Mx INVITE 180 Ringing2	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing1 routine	

TP number	IBCF_103_044_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	36		
Test Purpose name	Content-Encoding header supp			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Encoding header, ensure that a 200 OK INVITE response is sent to the own network and the Content-Encoding header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Content-Enc	oding: gzip		
Comments				
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE ←	SUT → ← Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_044_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/36			
Test Purpose name	Content-Encoding hea	der not supported in 200 O	K INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Encoding header, ensure that a 200 OK INVITE response is sent to the own network and the Content-Encoding header is not present.				
SIP Parameter values	200 OK INVITE1: Content-Encoding: gzip 200 OK INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing ← ← 180 Ringing				
	200 OK INVITE2	←	← 200 OK INVITE1		
		Apply post test routine			

TP number	IBCF_103_046_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	36	
Test Purpose name	Content-Encoding header supp	orted in BYE	
Test Purpose	When the IBCF receives a BYE request from the own network containing a Content-Encoding header, ensure that a BYE request is sent to the other network and the Content-Encoding header is present as received from the own network.		
SIP Parameter values	BYE: Content-Encoding: gzip		
Comments			
Message flows	Mx	SUT	lc
	A session is already established		
	BYE →	→	BYE
	Apply post test routine		

TP number	IBCF_103_046_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/36		
Test Purpose name	Content-Encoding he	ader not supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Content-Encoding header, ensure that a BYE request is sent to the other network and the Content-Encoding header is not present.			
SIP Parameter values	BYE1: Content-Encoding: gzip BYE2:			
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE1	→	→ BYE2	
		Apply post test routine		

TP number	IBCF_103_047_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/36			
Test Purpose name	Content-Encoding header sup				
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing a Content-Encoding header, ensure that a 200 OK BYE response is sent to the own network and the Content-Encoding header is present as received from the other network.				
SIP Parameter values	200 OK BYE: Content-Encod	200 OK BYE: Content-Encoding: gzip			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE → BYE				
	200 OK BYE	+	200 OK BYE		

TP number	IBCF_103_047_	В	Reference		Annex A [2]	
TSS reference	Exit_Point/scr/bo	call				
Selection criteria	PICS 7.1.1/3 AN	ID NOT PICS 7	7.2.2/36			
Test Purpose name	Content-Encodir	ng header not s	supported in 200 (OK BYE		
Test Purpose	Content-Encodir	When the IBCF receives a 200 OK BYE response from the other network containing a Content-Encoding header, ensure that a 200 OK BYE response is sent to the own network and the Content-Encoding header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Content-Encoding: gzip 200 OK BYE2:				
Comments						
Message flows	Mx		SUT		lc	
		A session is already established				
	BYE	BYE → BYE				
	200 OK BYE2	←		+	200 OK BYE1	

TP number	IBCF_103_048_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	37			
Test Purpose name	Content-Language header sup	ported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Content-Language header, ensure that an INVITE request is sent to the other network and the Content-Language header is present as received from the own network.				
SIP Parameter values	INVITE: Content-Language: fr, de				
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	Apply post test routine				

TP number	IBCF_103_048_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•	·	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/37		
Test Purpose name	Content-Language he	ader not supported in INVI	ΓE	
Test Purpose	Content-Language he		he own network containing a request is sent to the other network	
SIP Parameter values	INVITE1: Content-La INVITE2:	nguage: fr, de		
Comments				
Message flows	Mx SUT Ic INVITE1 → INVITE2 Apply post test routine			

TP number	IBCF_103_049_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	37			
Test Purpose name	Content-Language header sup				
Test Purpose	When the IBCF receives a 180 Content-Language header, enonetwork and the Content-Language	sure that a 180 Ringing respor	nse is sent to the own		
SIP Parameter values	180: Content-Language: fr, o	le			
Comments					
Message flows	Mx	SUT	lc		
	INVITE ->	→	INVITE		
	180 Ringing ←	←	180 Ringing		
	Apply post test routine				

TP number	IBCF_103_049_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/37				
Test Purpose name	Content-Language header no	supported in 180				
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Content-Language header, ensure that a 180 Ringing response is sent to the own network and the Content-Language header is not present.					
SIP Parameter values	180 1: Content-Language: fr, (180 1: Content-Language: fr, de				
Comments						
Message flows	Mx	SUT	lc			
	INVITE -	→	INVITE			
	180 Ringing2 ← 180 Ringing1					
	Apply post test routine					

TP number	IBCF_103_050_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/37			
Test Purpose name	Content-Language hea	ader supported in 200 OK IN	NVITE		
Test Purpose	Content-Language hea	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Language header, ensure that a 200 OK INVITE response is sent to the own network and the Content-Language header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Conf				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE routine		

TP number	IBCF_103_050_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/37				
Test Purpose name	Content-Language hea	ader not supported in 20	O OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Language header, ensure that a 200 OK INVITE response is sent to the own network and the Content-Language header is not present.					
SIP Parameter values	200 OK INVITE1: Cont 200 OK INVITE2:	200 OK INVITE1: Content-Language: fr, de 200 OK INVITE2:				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing ← 180 Ringing					
	200 OK INVITE2 ← 200 OK INVITE1					
		Apply post tes	t routine			

TP number	IBCF_103_052_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	37				
Test Purpose name	Content-Language header sup	ported in BYE				
Test Purpose	When the IBCF receives a BYE request from the own network containing a					
	Content-Language header, ensure that a BYE request is sent to the other network and					
	the Content-Language header	is present as received from the	e own network.			
SIP Parameter values	BYE: Content-Language: fr, de					
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE → BYE					
	Apply post test routine					

TP number	IBCF_103_052_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/37				
Test Purpose name	Content-Language header not	supported in BYE				
Test Purpose	When the IBCF receives a BYE request from the own network containing a Content-Language header, ensure that a BYE request is sent to the other network and the Content-Language header is not present.					
SIP Parameter values	BYE1: Content-Language: fr, de BYE2:					
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE1 → BYE2					
	Apply post test routine					

TP number	IBCF_103_053_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/37			
Test Purpose name	Content-Language header su				
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing a Content-Language header, ensure that a 200 OK BYE response is sent to the own network and the Content-Language header is present as received from the other network.				
SIP Parameter values	200 OK BYE: Content-Langu	200 OK BYE: Content-Language: fr, de			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE -	→	BYE		
	200 OK BYE	+ +	200 OK BYE		

TP number	IBCF_103_053	B Refer	ence	Annex A [2]		
TSS reference	Exit Point/scr/b	call				
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS 7.2.2/3	7			
Test Purpose name	Content-Langua	ige header not supp	orted in 200 OK BYE			
Test Purpose	Content-Langua	When the IBCF receives a 200 OK BYE response from the other network containing a Content-Language header, ensure that a 200 OK BYE response is sent to the own network and the Content-Language header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	Content-Language:	fr, de			
Comments						
Message flows	Mx		SUT	lc		
		A session is already established				
	BYE	→	→	BYE		
	200 OK BYE2	←	+	200 OK BYE1		

TP number	IBCF_103_054	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bca	all			
Selection criteria					
Test Purpose name	Content-Length h	eader supported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Content-Length header, ensure that an INVITE request is sent to the other network and the Content-Length header is present as received from the own network.				
SIP Parameter values	INVITE: Conten	nt-Length: [any value]			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	→	→ INVITE		
	Apply post test routine				

TP number	IBCF_103_055	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria					
Test Purpose name	Content-Length header s	upported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Content-Length header, ensure that a 180 Ringing response is sent to the own network and the Content-Length header is present as received from the other network.				
SIP Parameter values	INVITE: SDP 1 180: Content-Lengt SDP 2	h: [any value]			
Comments					
Message flows	Mx INVITE 180 Ringing	SUT → ← Apply post test re	Ic → INVITE ← 180 Ringing Dutine		

TP number	IBCF_103_056	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·	· · · ·			
Selection criteria						
Test Purpose name	Content-Length head	ler supported in 200 OK IN\	/ITE			
Test Purpose	Content-Length head	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Length header, ensure that a 200 OK INVITE response is sent to the own network and the Content-Length header is present as received from the other network.				
SIP Parameter values		P 1 ntent-Length: [any value] P 2				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post tes	Ic → INVITE ← 180 Ringing ← 200 OK INVITE t routine			

TP number	IBCF_103_057	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	NOT PICS 7.1.1/2					
Test Purpose name	Content-Length header:	supported in ACK				
Test Purpose	Content-Length header,	When the IBCF receives an ACK request from the own network containing a Content-Length header, ensure that an ACK request is sent to the other network and the Content-Length header is present as received from the own network.				
SIP Parameter values	200 OK: SDP 1 ACK: Content-Leng SDP 2	ACK: Content-Length: [any value]				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT → ← → Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK routine			

TP number	IBCF_103_058	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria						
Test Purpose name	Content-Length head	er supported in BYE				
Test Purpose	Content-Length head	When the IBCF receives a BYE request from the own network containing a Content-Length header, ensure that a BYE request is sent to the other network and the Content-Length header is present as received from the own network.				
SIP Parameter values	BYE: Content-Lengt	h: [any value]				
Comments						
Message flows	Mx	SUT	lc			
_		A session is already established				
	BYE	→	→ BYE			
	Apply post test routine					

TP number	IBCF_103_059	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall			
Selection criteria					
Test Purpose name	Content-Length header suppo	rted in 200 OK BYE			
Test Purpose	Content-Length header, ensur	When the IBCF receives a 200 OK BYE response from the other network containing a Content-Length header, ensure that a 200 OK BYE response is sent to the own network and the Content-Length header is present as received from the other network.			
SIP Parameter values	200 OK BYE: Content-Length:	[any value]			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE -	→	BYE		
	200 OK BYE ←	+	200 OK BYE		

TP number	IBCF_103_060	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bca	all				
Selection criteria						
Test Purpose name	Content-Type hea	ader supported in INVITE				
Test Purpose	Content-Type hea	When the IBCF receives an INVITE request from the own network containing a Content-Type header, ensure that an INVITE request is sent to the other network and the Content-Type header is present as received from the own network.				
SIP Parameter values	INVITE: Conter	nt-Type: application/sdp				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	Apply post test routine					

TP number	IBCF_103_061	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall		·		
Selection criteria					
Test Purpose name	Content-Type header sup	ported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Content-Type header, ensure that a 180 Ringing response is sent to the own network and the Content-Type header is present as received from the other network.				
SIP Parameter values	180: Content-Type: app	lication/sdp			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing	←	← 180 Ringing		
		Apply post test	routine		

TP number	IBCF_103_062	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•	•	
Selection criteria				
Test Purpose name	Content-Type header :	supported in 200 OKINVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Content-Type header, ensure that a 200 OK INVITE response is sent to the own network and the Content-Type header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Conf	tent-Type: application/sdp		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test	Ic NVITE 180 Ringing 200 OK INVITE routine	

TP number	IBCF_103_063	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall		·	
Selection criteria	NOT PICS 7.1.1/2			
Test Purpose name	Content-Type header supporte	d in ACK		
Test Purpose	When the IBCF receives an ACK request from the own network containing a Content-Type header, ensure that an ACK request is sent to the other network and the Content-Type header is present as received from the own network.			
SIP Parameter values	ACK: Content-Type: text plair	1		
Comments	1			
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	180 Ringing ←	←	180 Ringing	
	200 OK INVITE ←	←	200 OK INVITE	
	ACK →	→	ACK	
		Apply post test routine		

TP number	IBCF_103_064	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	Content-Type header s	upported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Content-Type header, ensure that a BYE request is sent to the other network and the Content-Type header is present as received from the own network.			
SIP Parameter values	BYE: Content-Type: te	ext plain		
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE	→	→ BYE	
	Apply post test routine			

TP number	IBCF_103_065	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·	·		
Selection criteria					
Test Purpose name	Content-Type header suppor	ted in 200 OK BYE			
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing a Content-Type header, ensure that a 200 OK BYE response is sent to the own network and the Content-Type header is present as received from the other network.				
SIP Parameter values	200 OK BYE: Content-Type:	text plain			
Comments					
Message flows	Mx SUT Ic				
	A session is already established				
	BYE	→	BYE		
	200 OK BYE	+ +	200 OK BYE		

TP number	IBCF_103_066	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria					
Test Purpose name	Cseq header supported in INV	TE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Cseq header, ensure that an INVITE request is sent to the other network and the Cseq header is present as received from the own network.				
SIP Parameter values	INVITE: Cseq: [any value] INVITE				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ->	→ Apply post test routine	INVITE		

TP number	IBCF_103_067	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	Cseq header supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Cseq header, ensure that a 180 Ringing response is sent to the own network and the Cseq header is present as received from the other network.			
SIP Parameter values	180: Cseq: [any value] INVI7	E		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE →	→	INVITE	
	180 Ringing ←	←	180 Ringing	
		Apply post test routine		

TP number	IBCF 103 068	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall	·		
Selection criteria				
Test Purpose name	Cseq header supporte	ed in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Cseq header, ensure that a 200 OK INVITE response is sent to the own network and the Cseq header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Cse	q: [any value] INVITE		
Comments		-		
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE routine	

TP number	IBCF_103_069	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	NOT PICS 7.1.1/2			
Test Purpose name	Cseq header supported in ACk	(
Test Purpose	When the IBCF receives an ACK request from the own network containing a Cseq header, ensure that an ACK request is sent to the other network and the Cseq header is present as received from the own network.			
SIP Parameter values	ACK: Cseq: [any value] ACK			
Comments				
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE ← ACK →	SUT Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE ACK	
		Apply post test routille		

TP number	IBCF_103_070	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	•				
Selection criteria						
Test Purpose name	Cseq header supported in BY	E				
Test Purpose	header, ensure that an INVIT	When the IBCF receives an INVITE request from the own network containing a Cseq header, ensure that an INVITE request is sent to the other network and the Cseq header is present as received from the own network.				
SIP Parameter values	BYE: Cseq: [any value] BYE					
Comments						
Message flows	Mx	SUT	Ic			
	A session is already established					
	BYE	→	BYE			
	Apply post test routine					

TP number	IBCF_103_071	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria					
Test Purpose name	Cseq header supported in 20	0 OK BYE			
Test Purpose	Cseq header, ensure that a 2	When the IBCF receives a 200 OK BYE response from the other network containing a Cseq header, ensure that a 200 OK BYE response is sent to the own network and the Cseq header is present as received from the other network.			
SIP Parameter values	200 OK BYE: Cseq: [any valu	200 OK BYE: Cseq: [any value] BYE			
Comments					
Message flows	Mx SUT Ic				
	A session is already established				
	BYE	→	BYE		
	200 OK BYE	-	200 OK BYE		

TP number	IBCF_103_072_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND I	PICS 7.2.2/39				
Test Purpose name	Date header suppo	rted in INVITE				
Test Purpose	header, ensure that	When the IBCF receives an INVITE request from the own network containing a Date header, ensure that an INVITE request is sent to the other network and the Date header is present as received from the own network.				
SIP Parameter values	INVITE: Date: We	INVITE: Date: Wen, 23 Mar 2011 13:03:00 GMT				
Comments						
Message flows	Mx	SUT	lc			
	INVITE → INVITE					
	Apply post test routine					

TP number	IBCF_103_072_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/39		
Test Purpose name	Date header not supported in II	NVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Date header, ensure that an INVITE request is sent to the other network and the Date header is not present.			
SIP Parameter values	INVITE1: Date: Wen, 23 Mar 2011 13:03:00 GMT INVITE2:			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE1 →	Apply post test routine	INVITE2	

TP number	IBCF_103_073_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/39			
Test Purpose name	Date header supported in 180				
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Date header, ensure that a 180 Ringing response is sent to the own network and the Date header is present as received from the other network.				
SIP Parameter values	180: Date: Wen, 23 Mar 201	11 13:03:00 GMT			
Comments					
Message flows	Mx	SUT	lc		
	INVITE -	→	INVITE		
	180 Ringing €	-	180 Ringing		
		Apply post test routine			

TP number	IBCF_103_073_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•	·		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/39			
Test Purpose name	Date header not sup	ported in 180			
Test Purpose	Date header, ensure	When the IBCF receives a 180 Ringing response from the other network containing a Date header, ensure that a 180 Ringing response is sent to the own network and the Date header is not present.			
SIP Parameter values	180 1: Date: Wen, 23 180 2:	180 1: Date: Wen, 23 Mar 2011 13:03:00 GMT 180 2:			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing2	←	← 180 Ringing1		
	Apply post test routine				

TP number	IBCF_103_074_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/39			
Test Purpose name	Date header supporte	d in 200 OK INVITE			
Test Purpose	Date header, ensure t	When the IBCF receives a 200 OK INVITE response from the other network containing a Date header, ensure that a 200 OK INVITE response is sent to the own network and the Date header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Date	e: Wen, 23 Mar 2011 13:03:0	0 GMT		
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE		

TP number	IBCF_103_074_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	5 7.2.2/39	
Test Purpose name	Date header not supported	in 200 OK INVITE	
Test Purpose		00 OK INVITE response from the	
	Date header, ensure that a 2	00 OK INVITE response is sent	to the own network and the
	Date header is not present.		
SIP Parameter values	200 OK INVITE1: Date: Wen	23 Mar 2011 13:03:00 GMT	
	200 OK INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	INVITE
	180 Ringing	← ←	180 Ringing
	200 OK INVITE2	← ←	200 OK INVITE1
	Apply post test routine		

TP number	IBCF_103_075_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	NOT PICS 7.1.1/2 AND PICS 7	7.1.1/3 AND PICS 7.2.2/39			
Test Purpose name	Date header supported in ACK				
Test Purpose	When the IBCF receives an AC				
	that an ACK request is sent to the other network and the Date header is present as received from the own network.				
SIP Parameter values	ACK: Date: Wen, 23 Mar 201	1 13:03:00 GMT			
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	180 Ringing ←	←	180 Ringing		
	200 OK INVITE ←	←	200 OK INVITE		
	ACK →	→	ACK		
		Apply post test routine			

TP number	IBCF_103_075_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	NOT PICS 7.1.1/2 AND PICS 7	7.1.1/3 AND NOT PICS 7.2.2/3	39
Test Purpose name	Date header not supported in	ACK	
Test Purpose	When the IBCF receives an AC		
	that an ACK request is sent to	the other network and the Date	e header is not present.
SIP Parameter values	ACK1: Date: Wen, 23 Mar 201	1 13:03:00 GMT	
	ACK2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
	180 Ringing ←	-	180 Ringing
	200 OK INVITE ←	(200 OK INVITE
	ACK1 →	→	ACK2
		Apply post test routine	

TP number	IBCF_103_076_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7	.2.2/39				
Test Purpose name	Date header supported in	BYE				
Test Purpose	that a BYE request is sent	When the IBCF receives a BYE request from the own network containing a Date, ensure that a BYE request is sent to the other network and the Date header is present as received from the own network.				
SIP Parameter values	BYE: Date: Wen, 23 Mar	2011 13:03:00 GMT				
Comments						
Message flows	Mx SUT Ic					
	A session is already established					
	BYE → BYE					
	Apply post test routine					

TP number	IBCF_103_076_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/39		
Test Purpose name	Date header not supported in	BYE		
Test Purpose	When the IBCF receives a BYE			
	that a BYE request is sent to the	ne other network and the Date	header is not present.	
SIP Parameter values	BYE1: Date: Wen, 23 Mar 201	1 13:03:00 GMT		
	BYE2:			
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE1 →	→	BYE2	
	Apply post test routine			

TP number	IBCF_103_077_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	39			
Test Purpose name	Date header supported in 200	OK BYE			
Test Purpose	Date header, ensure that a 200	When the IBCF receives a 200 OK BYE response from the other network containing a Date header, ensure that a 200 OK BYE response is sent to the own network and the Date header is present as received from the other network.			
SIP Parameter values	200 OK BYE: Date: Wen, 23 N	/lar 2011 13:03:00 GMT			
Comments					
Message flows	Mx SUT Ic				
	A session is already established				
	BYE → BYE				
	200 OK BYE ←	+	200 OK BYE		

TP number	IBCF_103_077	B Reference	e	Annex A [2]	
TSS reference	Exit_Point/scr/b	call		•	
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS 7.2.2/39			
Test Purpose name	Date header no	t supported in 200 OK BY	Æ		
Test Purpose		sure that a 200 OK BYE		other network containing a the own network and the	
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Date: Wen, 23 Mar 2011 13:03:00 GMT 200 OK BYE2:			
Comments					
Message flows	Mx		SUT	Ic	
-		A session is already established			
	BYE	→	→	BYE	
	200 OK BYE2	200 OK BYE2 ← 200 OK BYE1			

TP number	IBCF_103_077A_A	Reference	20 [19]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	/38				
Test Purpose name	Error-Info header supported in	unsuccessful respo	nses			
Test Purpose	containing a Error-Info, ensure	When the IBCF receives a 3xx or 4xx or 5xx or 6xx response from the foreign network containing a Error-Info, ensure that the final response is sent to the own network and the Error-Info header is present as received from the foreign network.				
SIP Parameter values	Response: Error-Info: <any< th=""><th>URI></th><th>-</th></any<>	URI>	-			
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	Unsuccessful final response	(Unsuccessful final response 			
	ACK		ACK			

TP number	IBCF_103_077A_B	Reference	20 [19]				
TSS reference	Exit_Point/scr/bcall						
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7.2	2.2/38					
Test Purpose name	Error-Info header not supported i	n unsuccessful respon	ises				
Test Purpose		When the IBCF receives a 3xx or 4xx or 5xx or 6xx response from the foreign network containing a Error-Info, ensure that the final response is sent to the own network and the Error-Info header is not present.					
SIP Parameter values	Response1: Error-Info: <any response2:<="" th="" ula=""><th colspan="6">Response1: Error-Info: <any uri=""></any></th></any>	Response1: Error-Info: <any uri=""></any>					
Comments							
Message flows	Mx	SUT	lc				
	INVITE	→	→ INVITE				
	Unsuccessful final response2 ACK	←	 Unsuccessful final response1 ACK 				

TP number	IBCF_103_078_	_A Re	ference	Annex A [2]	
TSS reference	Exit_Point/scr/b	call			
Selection criteria	PICS 7.1.1/3 AN	ND PICS 7.2.2/41			
Test Purpose name	Expires header	supported in INVIT	E		
Test Purpose	header, ensure	When the IBCF receives an INVITE request from the own network containing an Expires header, ensure that an INVITE request is sent to the other network and the Expires header is present as received from the own network.			
SIP Parameter values	INVITE: Expir	es: 3600			
Comments					
Message flows	Mx		SUT	lc	
	INVITE	→	→	INVITE	
	Apply post test routine				

TP number	IBCF_103_078_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/41	
Test Purpose name	Expires header not supported	in INVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE header is not present.		
SIP Parameter values	INVITE1: Expires: 3600 INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE1 →	Apply post test routine	INVITE2

TP number	IBCF_103_081_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bca	all	
Selection criteria	PICS 7.1.1/3 AND	PICS 7.2.2/40	
Test Purpose name	Event header sup	ported in SUBCRIBE	
Test Purpose	header, ensure th		t from the own network containing an Event sent to the other network and the Event etwork.
SIP Parameter values	SUBSRIBE: Eve	ent: call-completion	
Comments			
Message flows	Mx	SUT	lc
	SUBSRIBE	→ Apply post to	→ SUBSRIBE est routine

TP number	IBCF_103_081_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/40		
Test Purpose name	Event header not supported in	n SUBCRIBE		
Test Purpose	When the IBCF receives a SUBSRIBE request from the own network containing an Event header, ensure that a SUBSCRIBE request is sent to the other network and the Event header is not present.			
SIP Parameter values	SUBSRIBE1: Event: call-comp SUBSRIBE2:	letion		
Comments				
Message flows	Mx	SUT	lc	
	SUBSRIBE1 →	→	SUBSRIBE2	
	Apply post test routine			

TP number	IBCF_103_082_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/40			
Test Purpose name	Event header supported in NC	TIFY			
Test Purpose	header, ensure that a NOTIFY	When the IBCF receives a NOTIFY request from the own network containing an Event header, ensure that a NOTIFY request is sent to the other network and the Event header is present as received from the own network.			
SIP Parameter values	NOTIFY: Event: call-completion				
Comments					
Message flows	Mx	SUT	lc		
	NOTIFY	· -	NOTIFY		
	Apply post test routine				

TP number	IBCF_103_082_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/40		
Test Purpose name	Event header not supported in	n NOTIFY		
Test Purpose	When the IBCF receives a NOTIFY request from the own network containing an Event header, ensure that a NOTIFY request is sent to the other network and the Event header is not present.			
SIP Parameter values	NOTIFY1: Event: call-completion NOTIFY2:	on		
Comments				
Message flows	Mx	SUT	lc	
-	NOTIFY1 →	→	NOTIFY2	
		Apply post test routine		

TP number	IBCF_103_082A_A	Reference		Annex A [2]		
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/40 AND PICS 7	.2.2/105			
Test Purpose name	Flow-Timer header sur	pported in 200 OK REG	ISTER			
Test Purpose	containing an Flow-Tin	When the IBCF receives an 200 OK REGISTER response from the other network containing an Flow-Timer header, ensure that an 200 OK REGISTER response is sent to the own network and the Flow-Timer header is present as received from the other network.				
SIP Parameter values	200 OK: Flow-Timer:	: 3600				
Comments						
Message flows	Mx	SUT	1	lc		
	REGISTER	→	→	REGISTER		
	200 OK	←	←	200 OK		

TP number	IBCF_103_082A_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/40 AND PICS 7.2.2/105				
Test Purpose name	Flow-Timer header not suppo	rted in 200 OK REGISTER				
Test Purpose	When the IBCF receives an 200 OK REGISTER response from the other network containing an Flow-Timer header, ensure that an 200 OK REGISTER response is sent to the own network and the Flow-Timer header is not present.					
SIP Parameter values	200 OK 1: Flow-Timer: 3600 200 OK 2:					
Comments						
Message flows	Mx	SUT	lc			
	REGISTER →	→	REGISTER			
	200 OK 2	+	200 OK 1			

TP number	IBCF_103_083	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	From header supported in	INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a From header, ensure that an INVITE request is sent to the other network and the From header is present as received from the own network.			
SIP Parameter values	INVITE: From: <[any URI]>; tag=[any value]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE Apply post test routine			

TP number	IBCF_103_084	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria			
Test Purpose name	From header supporte	d in 180	
Test Purpose	From header, ensure t		from the other network containing a is sent to the own network and the r network.
SIP Parameter values	180: From: <[any UF	RI]>; tag=[any value]	
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
	180 Ringing	←	 180 Ringing
		Apply post test	routine

TP number	IBCF_103_085	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria				
Test Purpose name	From header support	ed 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a From header, ensure that a 200 OK INVITE response is sent to the own network and the From header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Fro	m: <[any URI]>; tag=[any valu	ıe]	
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE outine	

TP number	IBCF_103_086	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	From header supported in AC	K		
Test Purpose	When the IBCF receives an ACK request from the own network containing a From header, ensure that an ACK request is sent to the other network and the From header is present as received from the own network.			
SIP Parameter values	ACK: From: <[any URI]>; tag	=[any value]		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK →	←	Ic INVITE 180 Ringing 200 OK INVITE ACK	
		Apply post test routine		

TP number	IBCF_103_087	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria						
Test Purpose name	From header supported in BY	E				
Test Purpose	ensure that a BYE request is	When the IBCF receives a BYE request from the own network containing a From header, ensure that a BYE request is sent to the other network and the From header is present as received from the own network.				
SIP Parameter values	BYE: From: <[any URI]>; tag	BYE: From: <[any URI]>; tag=[any value]				
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE	→	BYE			
	Apply post test routine					

TP number	IBCF_103_088	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria					
Test Purpose name	From header supported 200 O	K BYE			
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing a From header, ensure that a 200 OK BYE response is sent to the own network and the From header is present as received from the other network.				
SIP Parameter values	200 OK BYE: From: <[any UR	200 OK BYE: From: <[any URI]>; tag=[any value]			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE →	→	BYE		
	200 OK BYE ←	+	200 OK BYE		

TP number	IBCF_103_089_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	43		
Test Purpose name	Geolocation header supported	in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Geolocation header, ensure that an INVITE request is sent to the other network and the Geolocation header is present as received from the own network.			
SIP Parameter values	INVITE: Geolocation: <sip:[any uri]="">; inserted-by=[any host-ID value]</sip:[any>			
Comments			-	
Message flows	Mx	SUT	lc	
	INVITE ->	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_089_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/43		
Test Purpose name	Geolocation header not suppo	rted in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Geolocation header, ensure that an INVITE request is sent to the other network and the Geolocation header is not present.			
SIP Parameter values	INVITE1: Geolocation: <sip:[any uri]="">; inserted-by=[any host-ID value] INVITE2:</sip:[any>			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
		Apply post test routine		

TP number	IBCF_103_090_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/43				
Test Purpose name	Geolocation header supported	l in BYE				
Test Purpose	When the IBCF receives a BYE request from the own network containing a Geolocation header, ensure that a BYE request is sent to the other network and the Geolocation header is present as received from the own network.					
SIP Parameter values	BYE: Geolocation: <sip:[any< th=""><th>URI]>; inserted-by=[any host-</th><th>ID value]</th></sip:[any<>	URI]>; inserted-by=[any host-	ID value]			
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE -	→	BYE			
	Apply post test routine					

TP number	IBCF_103_090_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/43				
Test Purpose name	Geolocation header n	ot supported in BYE				
Test Purpose	When the IBCF receives a BYE request from the own network containing a Geolocation header, ensure that a BYE request is sent to the other network and the Geolocation header is not present.					
SIP Parameter values	BYE1: Geolocation: < BYE2:	sip:[any URI]>; inserted-by=[a	ny host-ID value]			
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE1	→	→ BYE2			
	Apply post test routine					

TP number	IBCF_103_091_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/44			
Test Purpose name	Geolocation-Error hea	ider supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Geolocation-Error header, ensure that a 180 Ringing response is sent to the own network and the Geolocation-Error header is present as received from the other network.				
SIP Parameter values	180: Geolocation-Er	ror: 100			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing	←	← 180 Ringing		
	Apply post test routine				

TP number	IBCF_103_091_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/44				
Test Purpose name	Geolocation-Error header not	supported in 180				
Test Purpose	Geolocation-Error header, ens	When the IBCF receives a 180 Ringing response from the other network containing a Geolocation-Error header, ensure that a 180 Ringing response is sent to the own network and the Geolocation-Error header is not present.				
SIP Parameter values	180 1: Geolocation-Error: 100 180 2:	180 1: Geolocation-Error: 100 180 2:				
Comments						
Message flows	Mx INVITE → 180 Ringing2		Ic INVITE 180 Ringing1			

TP number	IBCF 103 092 A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/44				
Test Purpose name	Geolocation-Error hea	ader supported in 200 OK IN\	/ITE			
Test Purpose	Geolocation-Error hea	When the IBCF receives a 200 OK INVITE response from the other network containing a Geolocation-Error header, ensure that a 200 OK INVITE response is sent to the own network and the Geolocation-Error header is present as received from the other network.				
SIP Parameter values	200 OK INVITE: Geo	olocation-Error: 100				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE			

TP number	IBCF_103_092_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	Γ PICS 7.2.2/44				
Test Purpose name	Geolocation-Error head	der not supported in 200 Ok	(INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Geolocation-Error header, ensure that a 200 OK INVITE response is sent to the own network and the Geolocation-Error header is not present.					
SIP Parameter values	200 OK INVITE1: Geol 200 OK INVITE2:	ocation-Error: 100				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing ← 180 Ringing					
	200 OK INVITE2	←	← 200 OK INVITE1			
		Apply post test routine				

TP number	IBCF_103_093_A	Reference	Annex A [2]				
TSS reference	Exit_Point/scr/bcall						
Selection criteria	PICS 7.1.1/3 AND PICS 7.	2.2/44					
Test Purpose name	Geolocation-Error header s						
Test Purpose	Geolocation-Error header,	When the IBCF receives a 200 OK BYE response from the other network containing a Geolocation-Error header, ensure that a 200 OK BYE response is sent to the own network and the Geolocation-Error header is present as received from the other network.					
SIP Parameter values	200 OK BYE: Geolocation-	Error: 100					
Comments							
Message flows	Mx	SUT	lc				
	A session is already established						
	BYE	<u>-</u>					
	200 OK BYE	+	★ 200 OK BYE				

TP number	IBCF_103_093_	В	Reference		Annex A [2]		
TSS reference	Exit_Point/scr/b	call					
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS 7	7.2.2/44				
Test Purpose name			supported in 200 Ol				
Test Purpose	Geolocation-Err	When the IBCF receives a 200 OK BYE response from the other network containing a Geolocation-Error header, ensure that a 200 OK BYE response is sent to the own network and the Geolocation-Error header is not present.					
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Geolocation-Error: 100					
Comments							
Message flows	Mx	Mx SUT Ic					
		A session is already established					
	BYE	<u>•</u>					
	200 OK BYE2	←		←	200 OK BYE1		

TP number	IBCF_103_093A_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	45				
Test Purpose name	Geolocation-Routing header so	upported in INVITE				
Test Purpose	Geolocation-Routing header, e	When the IBCF receives an INVITE request from the own network containing a Geolocation-Routing header, ensure that an INVITE request is sent to the other network and the Geolocation-Routing header is present as received from the own network.				
SIP Parameter values	INVITE: Geolocation-Routing	g: yes				
Comments						
Message flows	Mx	SUT	Ic			
	INVITE →	→	INVITE			
	Apply post test routine					

TP number	IBCF_103_093A_B	Reference	Annex A [2]		
TSS reference	Exit Point/scr/bcall	•	<u> </u>		
Selection criteria	PICS 7.1.1/3 AND NOT I	PICS 7.2.2/45			
Test Purpose name	Geolocation-Routing hea	ider not supported in IN\	/ITE		
Test Purpose	Geolocation-Routing hea		he own network containing a E request is sent to the other network t.		
SIP Parameter values	INVITE1: Geolocation-FINVITE2:	Routing: yes			
Comments					
Message flows	Mx	SUT	lc		
_	INVITE1	→	→ INVITE2		
	Apply post test routine				

TP number	IBCF_103	_093B_A	Refe	rence		Annex A [2]
TSS reference	Exit_Point	/scr/bcall				
Selection criteria	PICS 7.1.	1/3 AND PIC	S 7.2.2/46			
Test Purpose name	Feature-C	aps header	supported in I	NVITE		
Test Purpose	Caps head	der, ensure t	hat an INVITE		to the c	etwork containing a Feature- other network and the Feature-
SIP Parameter values	INVITE:	Feature-Ca	ps: sip.text			
Comments						
Message flows		Mx		SUT		lc
	INVITE		→		→	INVITE
	Apply post test routine					

TP number	IBCF_103_093B_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/46			
Test Purpose name	Feature-Caps header not sup	oorted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Feature-Caps header, ensure that an INVITE request is sent to the other network and the Feature-Caps header is not present.				
SIP Parameter values	INVITE1: Feature-Caps: sip.te INVITE2:	ext			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 →	→	INVITE2		
	Apply post test routine				

TP number	IBCF_103_093C_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/46		
Test Purpose name	Feature-Caps header support	ed in 180 Ringing	
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Feature-Caps header, ensure that a 180 Ringing response is sent to the own network and the Feature-Caps header is present as received from the other network.		
SIP Parameter values	180: Feature-Caps: sip.text		
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
	180 Ringing ←	←	180 Ringing
	Apply post test routine		

TP number	IBCF_103_093C_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7.2.2/46				
Test Purpose name	Feature-Caps header not s	upported in 180 Ringin	g		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Feature-Caps header, ensure that a 180 Ringing response is sent to the own network and the Feature-Caps header is not present.				
SIP Parameter values	180 1: Feature-Caps: sip.text 180 2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing2 ← 180 Ringing1				
	Apply post test routine				

TP number	IBCF_103_093D_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/4	46	
Test Purpose name	Feature-Caps header supported in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200		
	Feature-Caps header, ensure t		
	and the Feature-Caps header i	s present as received from the	e other network.
SIP Parameter values	200 OK: Feature-Caps: sip.te	ext	
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
	180 Ringing ←	(180 Ringing
	200 OK INVITE ←	(200 OK INVITE
	ACK →	→	ACK
		Apply post test routine	

TP number	IBCF_103_093D_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/46		
Test Purpose name	Feature-Caps header not supported in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Feature-Caps header, ensure that a 200 OK INVITE response is sent to the own network and the Feature-Caps header is not present.			
SIP Parameter values	200 OK 1: Feature-Caps: sip.text 200 OK 2:			
Comments				
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE2 ← ACK →	• •	Ic INVITE 180 Ringing 200 OK INVITE1 ACK	

TP number	IBCF_103_093E	A Refere	nce	Annex A [2]	
TSS reference	Exit_Point/scr/bca	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND	PICS 7.1.1/3 AND PICS 7.2.2/47			
Test Purpose name	History-Info head	er supported in INVIT	E		
Test Purpose	Info header, ensu	When the IBCF receives an INVITE request from the own network containing a History-Info header, ensure that an INVITE request is sent to the other network and the History-Info header is present as received from the own network.			
SIP Parameter values	INVITE: History	INVITE: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1</any></any>			
Comments					
Message flows	Mx SUT Ic				
	INVITE	INVITE → INVITE			
	Apply post test routine				

TP number	IBCF_103_093E_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	PICS 7.1.1/3 AND NOT PICS 7.2.2/47		
Test Purpose name	History-Info header not suppo	rted in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a History- Info header, ensure that an INVITE request is sent to the other network and the History- Info header is not present.			
SIP Parameter values	INVITE1: History-Info: <any uri="">; index=1, <any cause="any" uri;="">; index=1.1 INVITE2:</any></any>			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
	Apply post test routine			

TP number	IBCF_103_093F_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/47	
Test Purpose name	History-Info header supp	oorted in 181	
Test Purpose	When the IBCF receives a 181 Being forwarded response from the own network containing a History-Info header, ensure that a 181 Being forwarded response is sent to the other network and the History-Info header is present as received from the own network.		
SIP Parameter values	181: History-Info: <any< th=""><th>/ URI>; index=1, <any th="" ur<=""><th>RI;cause=any>; index=1.1</th></any></th></any<>	/ URI>; index=1, <any th="" ur<=""><th>RI;cause=any>; index=1.1</th></any>	RI;cause=any>; index=1.1
Comments			
Message flows	Mx INVITE 181 Being Forwarded	SUT → ← Apply post test	Ic → INVITE ← 181 Being Forwarded routine

TP number	IBCF_103_093F_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•	·	
Selection criteria	PICS 7.1.1/3 AND NOT PIC	PICS 7.1.1/3 AND NOT PICS 7.2.2/47		
Test Purpose name	History-Info header not su	pported in 181		
Test Purpose	When the IBCF receives a 181 Being forwarded response from the own network containing a History-Info header, ensure that a 181 Being forwarded response is sent to the other network and the History-Info header is not present.			
SIP Parameter values	181 1: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1 181 2:</any></any>			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	181 Being Forwarded2	(181 Being Forwarded1 	
	Apply post test routine			

TP number	IBCF_103_093G_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	PICS 7.1.1/3 AND PICS 7.2.2/47		
Test Purpose name	History-Info header support	ed in 183		
Test Purpose	When the IBCF receives a 183 Session Progress response from the own network containing a History-Info header, ensure that a 183 Session Progress response is sent to the other network and the History-Info header is present as received from the own network.			
SIP Parameter values	183: History-Info: <any uri="">; index=1, <any cause="any" uri;="">; index=1.1</any></any>			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	183 Session Progress ← 183 Session Progress			
	Apply post test routine			

TP number	IBCF_103_093G_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	PICS 7.1.1/3 AND NOT PICS 7.2.2/47			
Test Purpose name	History-Info header not supp	orted in 183			
Test Purpose	When the IBCF receives a 183 Session Progress response from the own network containing a History-Info header, ensure that a 183 Session Progress response is sent to the other network and the History-Info header is not present.				
SIP Parameter values	183 1: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1 183 2:</any></any>				
Comments					
Message flows	Mx	SUT	Ic		
	INVITE → INVITE				
	183 Session Progress2	-	183 Session Progress1		
		Apply post test routine	-		

TP number	IBCF_103_093H_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.2/47		
Test Purpose name	History-Info header su	History-Info header supported in 200 OK		
Test Purpose	When the IBCF receives a 200 OK response from the own network containing a History- Info header, ensure that a 200 OK response is sent to the other network and the History- Info header is present as received from the own network.			
SIP Parameter values	200 OK: History-Info	c: <any uri="">; index=1, <a< th=""><th>any URI;cause=any>; index=1.1</th></a<></any>	any URI;cause=any>; index=1.1	
Comments			•	
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT Apply post te	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK est routine	

TP number	IBCF_103_093H_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2/47				
Test Purpose name	History-Info header not sup	ported in 200 OK				
Test Purpose	When the IBCF receives a 200 OK response from the own network containing a History- Info header, ensure that a 200 OK response is sent to the other network and the History- Info header is not present.					
SIP Parameter values	200 OK 1: History-Info: <any 200="" 2:<="" ok="" th=""><th colspan="3">200 OK 1: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1 200 OK 2:</any></any></th></any>	200 OK 1: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1 200 OK 2:</any></any>				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK	SUT	Ic INVITE 180 Ringing 200 OK INVITE1 ACK			

TP number	IBCF_103_093I_A	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/4	48 AND PICS 7.2.2/108		
Test Purpose name	Info-Package header supporte	ed in INFO request		
Test Purpose	When the IBCF receives an INFO request from the own network containing a Info- Package header, ensure that an INFO request is sent to the other network and the Info- Package header is present as received from the own network.			
SIP Parameter values	INFO: Info-Package: etsi Content-type: application/etsi Content-Disposition: Info-Package Content-length: xx I am an etsi message type			
Comments				
Message flows	Mx	SUT	lc	
	INFO →	→	INFO	
	Apply post test routine			

TP number	IBCF_103_093I_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/48 AND PICS 7	7.2.2/108		
Test Purpose name	Info-Package header no	ot supported in INFO reque	est		
Test Purpose	Package header, ensur	When the IBCF receives an INFO request from the own network containing a Info- Package header, ensure that an INFO request is sent to the other network and the Info- Package header is not present.			
SIP Parameter values	INFO: Info-Package: etsi Content-type: application/etsi Content-Disposition: Info-Package Content-length: xx I am an etsi message type INFO1:				
Comments					
Message flows	Mx INFO1	SUT → Apply post test ro	lc → INFO2		

TP number	IBCF_103_093J_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	49			
Test Purpose name	In-Reply-To header supported	in INVITE			
Test Purpose		When the IBCF receives an INVITE request from the own network containing an In-Reply-			
		To header, ensure that an INVITE request is sent to the other network and the In-Reply-			
	To header is present as received from the own network.				
SIP Parameter values	INVITE: In-Reply-To: 123456789@etsi.com				
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	Apply post test routine				

TP number	IBCF_103_093J_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/49	
Test Purpose name	In-Reply-To header not suppo	orted in INVITE	
Test Purpose	When the IBCF receives an IN To header, ensure that an INV To header is not present.		
SIP Parameter values	INVITE1: In-Reply-To: 123450 INVITE2:	6789@etsi.com	
Comments			
Message flows	Mx	SUT	lc
	INVITE1 →	→ Apply post test routine	INVITE2

TP number	IBCF_103_093K_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/50			
Test Purpose name	Join header supporte	ed in INVITE			
Test Purpose	header, ensure that a	When the IBCF receives an INVITE request from the own network containing a Join header, ensure that an INVITE request is sent to the other network and the Join header is present as received from the own network.			
SIP Parameter values		INVITE: Join: 123456789@etsi.com; to-tag=12345678; to-tag=987654321 Require: join			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
		Apply post test routine			

TP number	IBCF_103_093K_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/50		
Test Purpose name	Join header not supported in	INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Join header, ensure that an INVITE request is sent to the other network and the Join header is not present.			
SIP Parameter values	INVITE1: Join: 123456789@etsi.com; to-tag=12345678; to-tag=987654321			
Comments				
Message flows	Mx INVITE1 →	SUT → Apply post test routine	Ic INVITE2	

TP number	IBCF_103_094_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	51	
Test Purpose name	Max-Breadth header supported	d in INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Max-Breadth header, ensure that an INVITE request is sent to the other network and the Max-Breadth header is present as received from the own network.		
SIP Parameter values	INVITE1: Max-Breadth: 10		
Comments			
Message flows	Mx	SUT	lc
	INVITE ->	→	INVITE
	Apply post test routine		

TP number	IBCF_103_094_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/51		
Test Purpose name	Max-Breadth header n	ot supported in INVITE		
Test Purpose	Max-Breadth header, e	When the IBCF receives an INVITE request from the own network containing a Max-Breadth header, ensure that an INVITE request is sent to the other network and the Max-Breadth header is not present.		
SIP Parameter values	INVITE1: Max-Breadt INVITE2:	h: 10		
Comments				
Message flows	Mx	SUT	lc	
_	INVITE1	→ Apply post test r	→ INVITE2 outine	

TP number	IBCF_103_095_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit_Point/scr/bcall			
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND PICS 7.2.2/51			
Test Purpose name	Max-Breadth header supporte	d in ACK			
Test Purpose	When the IBCF receives an ACK request from the own network containing a Max-Breadth header, ensure that an ACK request is sent to the other network and the Max-Breadth header is present as received from the own network.				
SIP Parameter values	ACK 1: Max-Breadth: 10				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	·	Ic INVITE 180 Ringing 200 OK INVITE ACK		

IBCF 103 095 B	Reference	Annex A [2]
Exit Point/scr/bcall	•	• •
NOT PICS 7.1.1/2 AND	PICS 7.1.1/3 AND NOT PI	CS 7.2.2/51
Max-Breadth header no	ot supported in ACK	
When the IBCF receives an ACK request from the own network containing a Max-Breadth header, ensure that an ACK request is sent to the other network and the Max-Breadth header is not present		
ACK 1: Max-Breadtl ACK 2:	า: 10	
Mx INVITE 180 Ringing 200 OK INVITE ACK 1	SUT ← ← Apply post test re	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK 2
	Exit Point/scr/bcall NOT PICS 7.1.1/2 AND Max-Breadth header now When the IBCF receive header, ensure that an header is not present. ACK 1: Max-Breadth ACK 2: Mx INVITE 180 Ringing 200 OK INVITE	Exit Point/scr/bcall NOT PICS 7.1.1/2 AND PICS 7.1.1/3 AND NOT PI Max-Breadth header not supported in ACK When the IBCF receives an ACK request from the header, ensure that an ACK request is sent to the cheader is not present. ACK 1: Max-Breadth: 10 ACK 2: Mx SUT INVITE 180 Ringing 200 OK INVITE ACK 1 ACK 1

TP number	IBCF_103_096_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	751		
Test Purpose name	Max-Breadth header supporte	d in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Max-Breadth header, ensure that a BYE request is sent to the other network and the Max-Breadth header is present as received from the own network.			
SIP Parameter values	BYE 1:Max-Breadth: 10			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE →	→	BYE	
		Apply post test routine		

TP number	IBCF_103_096_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NC	T PICS 7.2.2/51			
Test Purpose name	Max-Breadth header r	not supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing a Max-Breadth header, ensure that a BYE request is sent to the other network and the Max-Breadth header is not present.				
SIP Parameter values	BYE 1:Max-Breadth: 1 BYE 2:	10			
Comments					
Message flows	Mx	SUT	Ic		
_	A session is already established				
	BYE 1	→ Apply post test re	→ BYE 2 putine		

TP number	IBCF 103 097	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	Max-Forwards header su	upported in INVITE		
Test Purpose		nsure that an INVITE req	the own network containing a uest is sent to the other network and from the own network.	
SIP Parameter values	INVITE: Max-Forwards	s: [any value]		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	Apply post test routine			

TP number	IBCF_103_098	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Max-Forwards heade	r supported in ACK			
Test Purpose	Max-Forwards heade	When the IBCF receives an ACK request from the own network containing a Max-Forwards header, ensure that an ACK request is sent to the other network and the Max-Forwards header is present as received from the own network.			
SIP Parameter values	ACK: Max-Forwards	: [any value]			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT ← ← Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK routine		

TP number	IBCF_103_099	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria					
Test Purpose name	Max-Forwards header support	ed in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing a Max-Forwards header, ensure that a BYE request is sent to the other network and the Max-Forwards header is present as received from the own network.				
SIP Parameter values	BYE: Max-Forwards: [any value]				
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE →	→	BYE		
	Apply post test routine				

TP number	IBCF_103_099A_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/9	52	
Test Purpose name	MIME-Version header supporte	ed in INVITE	
Test Purpose	When the IBCF receives an IN' Version header, ensure that an MIME-Version header is preser	INVITE request is sent to the	other network and the
SIP Parameter values	INVITE: MIME-Version: 1.0		
Comments			
Message flows	Mx	SUT	Ic
	INVITE →	→	INVITE
	Apply post test routine		

TP number	IBCF_103_099A_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT P	PICS 7.2.2/52		
Test Purpose name	MIME-Version header no	t supported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a MIME- Version header, ensure that an INVITE request is sent to the other network and the MIME-Version header is not present.			
SIP Parameter values	INVITE1: MIME-Version: INVITE2:	1.0		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1	→	→ INVITE2	
	Apply post test routine			

TP number	IBCF 103 099B A	Reference		Annex A [2]		
TSS reference	Exit_Point/scr/bcall	<u>.</u>				
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/52				
Test Purpose name	MIME-Version header s	supported in 200 OK				
Test Purpose	MIME-Version header,	When the IBCF receives a 200 OK INVITE response from the other network containing a MIME-Version header, ensure that a 200 OK INVITE response is sent to the own network and the MIME-Version header is present as received from the other network.				
SIP Parameter values	200 OK: MIME-Version					
Comments						
Message flows	Mx INVITE	SU ⁻	Τ	lc INIV/ITE		
	180 Ringing		-	INVITE 180 Ringing		
	200 OK INVITE	←	←	200 OK INVITE		
	ACK	→	→	ACK		
		Apply post t	test routine			

TP number	IBCF_103_099B_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/52			
Test Purpose name	MIME-Version header not sup	ported in 200 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a MIME-Version header, ensure that a 200 OK INVITE response is sent to the own network and the MIME-Version header is not present.				
SIP Parameter values	200 OK 1: MIME-Version: 1.0 200 OK 2:				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK →	SUT	Ic INVITE 180 Ringing 200 OK INVITE1 ACK		

TP number	IBCF_103_099C_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/52				
Test Purpose name	MIME-Version header su	pported in BYE				
Test Purpose	Version header, ensure t	When the IBCF receives an BYE request from the own network containing a MIME- Version header, ensure that an BYE request is sent to the other network and the MIME- Version header is present as received from the own network.				
SIP Parameter values	BYE: MIME-Version: 1.0	0				
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE	Apply post test re	→ BYE putine			

TP number	IBCF_103_099C_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/52		
Test Purpose name	MIME-Version header	not supported in BYE		
Test Purpose	When the IBCF receives an BYE request from the own network containing a MIME- Version header, ensure that an BYE request is sent to the other network and the MIME- Version header is not present.			
SIP Parameter values	BYE 1:MIME-Version BYE 2:	: 1.0		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE1	→	→ BYE2	
	Apply post test routine			

TP number	IBCF 103 100 A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.2.1/1 AND PICS	3 7.1.1/3 AND PICS 7.2.2	2/53 AND PICS 7.2.2/103		
Test Purpose name	Min-Expires header sup	ported in 423 response			
Test Purpose	containing a Min-Expire network, ensure that the	When the IBCF receives a 423 Interval Too Brief response from the other (home) network containing a Min-Expires header upon sent a REGISTER request to the other (home) network, ensure that the 423 Interval Too Brief response is sent to the own (visited) network and the Min-Expires header is present as received from the other network.			
SIP Parameter values	423: Min-Expires: [an	y value]			
Comments		-			
Message flows	Mx	SUT	Ic		
_	REGISTER	→	→ REGISTER		
	423 Interval Too Brief	←	 423 Interval Too Brief 		

TP number	IBCF_103_100_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.2.1/1 AND PICS	7.1.1/3 AND NOT PICS	7.2.2/53 AND PICS 7.2.2/103	
Test Purpose name	Min-Expires header not s	supported in 200 OK RE	GISTER	
Test Purpose	When the IBCF receives a 423 Interval Too Brief response from the other (home) network containing a Min-Expires header upon sent a REGISTER request to the other (home) network, ensure that the 423 Interval Too Brief response is sent to the own (visited) network and the Min-Expires header is not present.			
SIP Parameter values	423 1: Min-Expires: [any 423 2:	value]		
Comments				
Message flows	Mx	SUT	lc	
	REGISTER	→	→ REGISTER	
	423 Interval Too Brief2	←	← 423 Interval Too Brief1	

TP number	IBCF_103_	100A_A	Reference		Annex A [2]	
TSS reference	Exit_Point/s	scr/bcall				
Selection criteria	PICS 7.1.1	/3 AND PICS 7.2.2/	52			
Test Purpose name	Min-SE hea	ader supported in IN	IVITE			
Test Purpose	header, en	When the IBCF receives an INVITE request from the own network containing a Min-SE header, ensure that an INVITE request is sent to the other network and the Min-SE is present as received from the own network.				
SIP Parameter values		Min-SE: 100 Session-Expires: 10	00			
Comments		•				
Message flows		Mx	SUT			lc
	INVITE	→		→	INVITE	
			Apply post test re	outine		

TP number	IBCF_103_100A_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/52	
Test Purpose name	Min-SE header not supported	in INVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE present.		
SIP Parameter values	INVITE1: Min-SE: 100 Session-Expires: 10 INVITE2:	0	
Comments			
Message flows	Mx INVITE1 →	SUT Apply post test routine	Ic INVITE2

TP number	IBCF 103 10	00B A	Reference		Annex A [2]	
TSS reference	Exit Point/sc	Exit Point/scr/bcall				
Selection criteria	PICS 7.1.1/3	AND PICS 7.2.2/	52			
Test Purpose name	Min-SE head	er supported in 42	22 response			
Test Purpose	network conta	aining a Min-SE h	eader, ensure	that an 42	mall response from the other 2 Session Interval Too Small present as received from the other	
SIP Parameter values	Se	n-SE: 100 ession-Expires: 10 n-SE: 200	0			
Comments						
Message flows	INVITE 422 Session ACK	Mx Interval Too Smal	→	←	ACK	

TP number	IBCF_103_100B_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/52				
Test Purpose name	Min-SE header not supported in	n 422 response				
Test Purpose	network containing a Min-SE h	When the IBCF receives an 422 Session Interval Too Small response from the other network containing a Min-SE header, ensure that an 422 Session Interval Too Small response is sent to the own network and the Min-SE is not present.				
SIP Parameter values	INVITE1: Min-SE: 100 Session-Expires: 10 422 1: Min-SE: 200 422 2:	0				
Comments						
Message flows	Mx INVITE 422 Session Interval Too Smal ACK	SU → 2 ← → Apply post te	 → INVITE ← 422 Session Interval Too Small1 → ACK 			

TP number	IBCF_103	_101_A	Reference		Annex A [2	2]
TSS reference	Exit_Point	/scr/bcall				
Selection criteria	PICS 7.1.1	1/3 AND PICS 7.2.2	/54			
Test Purpose name	Organizati	on header supporte	d in INVITE			
Test Purpose	Organizati	on header, ensure t	IVITE request from the hat an INVITE request It as received from the	is sent	to the other	
SIP Parameter values	INVITE:	Organization: "ETS	I-INT"			
Comments						
Message flows		Mx	SUT			lc
	INVITE	-	•	→	INVITE	
		Apply post test routine				

TP number	IBCF_103_101_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/54				
Test Purpose name	Organization header not supp	orted in INVITE				
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Organization header, ensure that an INVITE request is sent to the other network and the Organization header is not present.					
SIP Parameter values	INVITE1: Organization: "ETSI INVITE2:	-INT"				
Comments						
Message flows	Mx	SUT	Ic			
	INVITE1 →	→	INVITE2			
		Apply post test routine				

TP number	IBCF_103_102_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/54			
Test Purpose name	Organization header supporte	d in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing an Organization header, ensure that a 180 Ringing response is sent to the own network and the Organization header is present as received from the other network.				
SIP Parameter values	180: Organization: "ETSI-IN	Т"			
Comments					
Message flows	Mx	SUT	lc		
	INVITE -	→	INVITE		
	180 Ringing €	- ←	180 Ringing		
		Apply post test routine			

TP number	IBCF_103_102_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/54			
Test Purpose name	Organization header	not supported in 180			
Test Purpose		ensure that a 180 Ringing	e from the other network containing an response is sent to the own network and		
SIP Parameter values	180 1: Organization: 180 2:	"ETSI-INT"			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing2	←	← 180 Ringing1		
	Apply post test routine				

TP number	IBCF_103_103_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/54		
Test Purpose name	Organization header su	upported in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Organization header, ensure that a 200 OK INVITE response is sent to the own network and the Organization header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Organ	nization: "ETSI-INT"		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test re	Ic → INVITE ← 180 Ringing ← 200 OK INVITE	

TP number	IBCF_103_103_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/54				
Test Purpose name	Organization header no	ot supported in 200 OK INVI	TE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Organization header, ensure that a 200 OK INVITE response is sent to the own network and the Organization header is present as received from the other network.					
SIP Parameter values	200 OK INVITE1: Orga 200 OK INVITE2:	nization: "ETSI-INT"				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing ← 180 Ringing					
	200 OK INVITE2	←	← 200 OK INVITE1			
		Apply post test routine				

TP number	IBCF_103_103A_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	56			
Test Purpose name	P-Answer-State header suppo	rted in 180 Ringing			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing an P-Answer-State header, ensure that a 180 Ringing response is sent to the own network and the P-Answer-State header is present as received from the other network.				
SIP Parameter values	180: P-Answer-State: Uncor	firmed			
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	180 Ringing ←	+	180 Ringing		
		Apply post test routine			

TP number	IBCF_103_103A_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/56			
Test Purpose name	P-Answer-State header	not supported in 180 Ring	ging		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing an P-Answer-State header, ensure that a 180 Ringing response is sent to the own network and the P-Answer-State header is not present.				
SIP Parameter values	180 1: P-Answer-State: 180 2:	Unconfirmed			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	→	→ INVITE		
	180 Ringing2	←	← 180 Ringing1		
	Apply post test routine				

TP number	IBCF_103_103B_A	Referer	nce	Annex A [2]
TSS reference	Exit_Point/scr/bcall	<u>.</u>		
Selection criteria	PICS 7.1.1/3 AND PI	ICS 7.2.2/56		
Test Purpose name	P-Answer-State head	der supported in 20	00 OK INVITE	
Test Purpose	P-Answer-State head	der, ensure that a	200 OK INVITE resp	ne other network containing an onse is sent to the own wed from the other network.
SIP Parameter values	200 OK INVITE: P-A	Answer-State: Unc	onfirmed	
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	→ ← ←	SUT	IC INVITE 180 Ringing 200 OK INVITE ACK
		Apply	post test routine	

TP number	IBCF_103_103B_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/56				
Test Purpose name	P-Answer-State heade	er not supported in 200	OK INVITE			
Test Purpose	P-Answer-State heade	When the IBCF receives a 200 OK INVITE response from the other network containing an P-Answer-State header, ensure that a 200 OK INVITE response is sent to the own network and the P-Answer-State header is not present.				
SIP Parameter values	200 OK INVITE1: P-Ar 200 OK INVITE2:	nswer-State: Unconfirme	ed			
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK	SUT → ← → Apply post to	→ INVITE ← 180 Ringing ← 200 OK INVITE1 → ACK			

TP number	IBCF_103_103C_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.2.1/1 AND PICS 7.1.1/3	3 AND PICS 7.2.2/57 AND PIC	CS 7.2.2/105	
Test Purpose name	P-Associated-URI header supp	orted in 200 OK REGISTER		
Test Purpose	When the IBCF receives a 200 OK REGISTER response from the other (home) network containing a P-Associated-URI header upon sent a REGISTER request to the other (home) network, ensure that the P-Associated-URI response is sent to the own (visited) network and the Min-Expires header is present as received from the other network.			
SIP Parameter values	200 OK: P-Associated-URI: [any URI value]			
Comments				
Message flows	Mx	SUT	lc	
	REGISTER →	→	REGISTER	
	200 OK ←	+	200 OK	

TP number	IBCF 103 103C B	Reference		Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•			
Selection criteria	PICS 7.2.1/1 AND PICS	7.1.1/3 AND NOT PICS 7	.2.2/57 A	ND PICS 7.2.2/105	
Test Purpose name	P-Associated-URI heade	er not supported in 200 (K REGIS	STER	
Test Purpose	containing a P-Associate (home) network, ensure	When the IBCF receives a 200 OK REGISTER response from the other (home) network containing a P-Associated-URI header upon sent a REGISTER request to the other (home) network, ensure that the P-Associated-URI response is sent to the own (visited) network and the Min-Expires header is not present.			
SIP Parameter values	200 OK 1: P-Associated 200 OK 2:	200 OK 1: P-Associated-URI: [any URI value] 200 OK 2:			
Comments					
Message flows	Mx	SUT		lc	
	REGISTER	→	→	REGISTER	
	200 OK2	←	←	200 OK1	

TP number	IBCF_103_103D_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/5	58			
Test Purpose name	P-Called-Party-ID header supp	orted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an				
	P-Called-Party-ID header, ensi				
	the P-Called-Party-ID header is	s present as received from the	own network.		
SIP Parameter values	INVITE: P-Called-Party-ID: [a	any URI]			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE →	→	INVITE		
		Apply post test routine			

TP number	IBCF_103_103D_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/58	
Test Purpose name	P-Called-Party-ID header not	supported in INVITE	
Test Purpose	When the IBCF receives an IN P-Called-Party-ID header, ens the P-Called-Party-ID header	sure that an INVITE request is	· ·
SIP Parameter values	INVITE1: P-Called-Party-ID: INVITE2:	[any URI]	
Comments			
Message flows	Mx	SUT	lc
-	INVITE1 -	Apply post test routine	INVITE2

TP number	IBCF_103_104	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/1			
Test Purpose name		or header is supported in			
Test Purpose	When the IBCF sends a 180 Ringing response to the own network, ensure that the P-Charging-Vector is present as received from the other network.				
SIP Parameter values		ctor: icid-value; orig-ioi; t			
Comments	<u> </u>				
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing	←	← 180 Ringing		
	_	Apply post te	st routine		

TP number	IBCF_103_105	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	1	
Test Purpose name	The P-Charging-Vector heade	r is supported in 200 OK INVIT	E
Test Purpose	When the IBCF sends a 200 C		
	P-Charging-Vector is present a		
SIP Parameter values	200 OK INVITE: P-Charging-	Vector: icid-value; orig-ioi; term	n-ioi
Comments			
Message flows	Mx	SUT	Ic
	INVITE →	→	INVITE
	180 Ringing ←	· ←	180 Ringing
	200 OK INVITE ←	+	200 OK INVITE
		Apply post test routine	

TP number	IBCF_103_106	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/3	
Test Purpose name	The P-Charging-Vector head	er is not supported in 180	
Test Purpose	When the IBCF sends a 180	Ringing response to the own ne	etwork, ensure that the
	P-Charging-Vector is not pre	sent.	
SIP Parameter values	180 1: P-Charging-Vector: ic	d-value; orig-ioi; term-ioi	
	180 2:	-	
Comments			
Message flows	Mx	SUT	lc
	INVITE -	→	INVITE
	180 Ringing 2	+	180 Ringing 1
		Apply post test routine	

TP number	IBCF_103_107	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/3				
Test Purpose name	The P-Charging-Vector	or header is not suppor	rted in 200 OK INVITE			
Test Purpose		When the IBCF sends a 200 OK INVITE response to the own network, ensure that the P-Charging-Vector is not present.				
SIP Parameter values	200 OK INVITE1: P-CI 200 OK INVITE2:	200 OK INVITE1: P-Charging-Vector: icid-value; orig-ioi; term-ioi				
Comments						
Message flows	INVITE 180 Ringing 200 OK INVITE2	SL → ← ← Apply post	JT Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 test routine			

TP number	IBCF_103_108	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3				
Test Purpose name	P-Media-Authorization heads	er not supported in INVITE			
Test Purpose	P-Media-Authorization heads	When the IBCF receives an INVITE request from the own network containing a P-Media-Authorization header, ensure that an INVITE request is sent to the other network and the P-Media-Authorization header is not present.			
SIP Parameter values	INVITE1: P-Media-Authorization: 001d56ad781f INVITE2:				
Comments	The P-Media-Authorization h	eader is combined with the reso	ource reservation procedure		
Message flows	Mx	SUT	lc		
	INVITE1	→ →	INVITE2		
	Apply post test routine				

TP number	IBCF_103_109	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3				
Test Purpose name	P-Media-Authorization header	not supported in 183			
Test Purpose	When the IBCF receives a 183 Session Progress response from the other network containing a P-Media-Authorization header, ensure that a 183 Session Progress response is sent to the own network and the P-Media-Authorization header is not present.				
SIP Parameter values	183 1: P-Media-Authorization: 001d56ad781f 183 2:				
Comments	The P-Media-Authorization he	ader is combined with the res	ource reservation procedure		
Message flows	Mx	SUT	lc		
	INVITE1 →	→	INVITE2		
	183 Session Progress 2 ←	+	183 Session Progress 1		
		Apply post test routine			

TP number	IBCF_103_110	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3				
Test Purpose name	P-Media-Authorization hea	ider not supported in 200 OK	INVITE		
Test Purpose	P-Media-Authorization hea	When the IBCF receives a 200 OK INVITE response from the other network containing a P-Media-Authorization header, ensure that a 200 OK INVITE response is sent to the own network and the P-Media-Authorization header is not present.			
SIP Parameter values	200 OK INVITE1: P-Media- 200 OK INVITE2:	-Authorization: 001d56ad781f			
Comments	The P-Media-Authorization header is combined with the resource reservation procedure				
Message flows	Mx INVITE1 183 Session Progress 200 OK INVITE2	SUT → ← Apply post test routin	lc → INVITE2 ← 183 Session Progress ← 200 OK INVITE1		

TP number	IBCF_103_111	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3		
Test Purpose name	P-Preferred-Identity header no	t supported in INVITE	
Test Purpose	When the IBCF receives an IN P-Preferred-Identity header, er and the P-Preferred-Identity he	sure that an INVITE request is	
SIP Parameter values	INVITE1: P-Preferred-Identity INVITE2:	: <[any URI]>	
Comments			
Message flows	Mx	SUT	lc INV
	INVITE1 → INVITE2 Apply post test routine		

TP number	IBCF_103_112	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		• •
Selection criteria	PICS 7.1.1/3		
Test Purpose name	P-Preferred-Identity h	neader not supported in 180	
Test Purpose	P-Preferred-Identity h		from the other network containing a inging response is sent to the own of present.
SIP Parameter values	180 1: P-Preferred-lo 180 2:	dentity: <[any URI]>	
Comments			
Message flows	Mx	SUT	lc
	INVITE1	→	→ INVITE2
	180 Ringing 2	←	← 180 Ringing 1
		Apply post test	routine

TP number	IBCF_103_113	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3			
Test Purpose name	P-Preferred-Identity he	ader not supported in 200 (OK INVITE	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a P-Preferred-Identity header, ensure that a 200 OK INVITE response is sent to the own network and the P-Preferred-Identity header is not present.			
SIP Parameter values		eferred-Identity: <[any URI]>		
Comments				
Message flows	Mx INVITE1 180 Ringing 200 OK INVITE2	SUT → ← Apply post test r	Ic → INVITE2 ← 180 Ringing ← 200 OK INVITE1	

TP number	IBCF_103_114_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/6	60		
Test Purpose name	P-Preferred-Service header su	oported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a P-Preferred-Service header, ensure that an INVITE request is sent to the other network and the P-Preferred-Service header is not present as received from the own network.			
SIP Parameter values	INVITE1: P-Preferred-Service: urn:urn-7:3gpp-service.exampletelephony.version1			
Comments				
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_114_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/60		
Test Purpose name	P-Preferred-Service h	eader not supported in INVI	TE	
Test Purpose	P-Preferred-Service h	When the IBCF receives an INVITE request from the own network containing a P-Preferred-Service header, ensure that an INVITE request is sent to the other network and the P-Preferred-Service header is not present.		
SIP Parameter values	INVITE1: P-Preferred INVITE2:	INVITE1: P-Preferred-Service: urn:urn-7:3gpp-service.exampletelephony.version1		
Comments				
Message flows	Mx INVITE1	SUT Apply post test	lc → INVITE2 routine	

TP number	IBCF_103_115	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3		
Test Purpose name	P-User-Database hea	ader not supported in INVITE	
Test Purpose	P-User-Database hea		the own network containing a request is sent to the other network and
SIP Parameter values	INVITE1: P-User-Da INVITE2:	tabase: <[any DiameterURI]	>
Comments			
Message flows	Mx	SUT	lc
-	INVITE1	→ Apply post test	→ INVITE2 routine

TP number	IBCF_103_116	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.2/14		
Test Purpose name	P-User-Database header supp	orted in REGISTER		
Test Purpose	When the IBCF receives a RE			
	P-User-Database header, ensu	re that a REGISTER request	is sent to the other network	
	and the P-User-Database head	der is not present.		
SIP Parameter values	REGISTER: P-User-Database: <[any DiameterURI]>			
Comments				
Message flows	Mx	SUT	lc	
	REGISTER →	→	REGISTER	
	Apply post test routine			

TP number	IBCF_103_117_A	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.2/15		
Test Purpose name	P-Visited-Network-ID header s	upported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a P-Visited-Network-ID header, ensure that an INVITE request is sent to the other network and the P-Visited-Network-ID header is present as received from the own network.			
SIP Parameter values	INVITE: P-Visited-Network-ID: "Visited network number 1"			
Comments				
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_118_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.2/15 AND PIC	CS 7.2.2/106
Test Purpose name	P-Visited-Network-ID header si	upported in REGISTER	
Test Purpose	When the IBCF receives a REGISTER request from the own network containing a P-Visited-Network-ID header, ensure that a REGISTER request is sent to the other network and the P-Visited-Network-ID header is present as received from the own network.		
SIP Parameter values	REGISTER: P-Visited-Network	k-ID: "Visited network number	1"
Comments			
Message flows	Mx	SUT	lc
	REGISTER →	→ Apply post test routine	REGISTER

TP number	IBCF_103_118_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/15 AND PICS 7.2.2/106			
Test Purpose name	P-Visited-Network-ID header n	ot supported in REGISTER			
Test Purpose	P-Visited-Network-ID header, e	When the IBCF receives a REGISTER request from the own network containing a P-Visited-Network-ID header, ensure that a REGISTER request is sent to the other network and the P-Visited-Network-ID header is not present.			
SIP Parameter values	REGISTER1: P-Visited-Network-ID: "Visited network number 1" REGISTER2:				
Comments					
Message flows	Mx	SUT	lc		
	REGISTER1 →	Apply post test routine	REGISTER2		

TP number	IBCF 103 119	Reference	Annex A [2]
TSS reference	Exit Point/scr/bcall	•	
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.1/1	
Test Purpose name	P-Visited-Network-ID	header not supported in INV	ITE
Test Purpose	P-Visited-Network-ID		he own network containing a FE request is sent to the other networ nt.
SIP Parameter values	INVITE1: P-Visited-N	Network-ID: "Visited network	number 1"
Comments			
Message flows	Mx	SUT	lc
_	INVITE1	→	→ INVITE2
		outine	

TP number	IBCF_103_119A_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	63 AND PICS 7.2.2/105		
Test Purpose name	Path header supported in REG	ISTER		
Test Purpose	When the IBCF receives a REGISTER request from the own network containing a Path header, ensure that a REGISTER request is sent to the other network and the Path header is present as received from the own network.			
SIP Parameter values	REGISTER: Path: <sip:p1.e></sip:p1.e>			
Comments				
Message flows	Mx	SUT	Ic	
	REGISTER →	→	REGISTER	
		Apply post test routine		

TP number	IBCF_103_119A_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/63 AND PICS	7.2.2/105		
Test Purpose name	Path header not supp	orted in REGISTER			
Test Purpose		When the IBCF receives a REGISTER request from the own network containing a Path header, ensure that a REGISTER request is sent to the other network and the Path header is not present.			
SIP Parameter values	REGISTER1: Path: sig	REGISTER1: Path: sip:P1.EXAMPLEVISITED.COM;Ir REGISTER2:			
Comments					
Message flows	Mx	SUT	lc		
	REGISTER1	Apply post test	→ REGISTER2 routine		

TP number	IBCF_103_119B_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7	7.2.2./64				
Test Purpose name	Permission-Missing heade					
Test Purpose	containing a Permission-N	When the IBCF receives a 470 Consent Needed response from the other network containing a Permission-Missing header, ensure that a 470 Consent Needed response is sent to the own network and the Permission-Missing header is present as received from the own network.				
SIP Parameter values	470: Permission-Missing	g: sip:C@example.com				
Comments						
Message flows	Mx INVITE 470 Consent Needed ACK	SUT → ← →	Ic → INVITE ← 470 Consent Needed → ACK			

TP number	IBCF_103_119B_B	Reference		Annex A [2]		
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2./64				
Test Purpose name	Permission-Missing header	not supported in 470 re	sponse			
Test Purpose	When the IBCF receives a 470 Consent Needed response from the other network containing a Permission-Missing header, ensure that a 470 Consent Needed response is sent to the own network and the Permission-Missing header is not present.					
SIP Parameter values	470 1: Permission-Missing: 470 2:	470 1: Permission-Missing: sip:C@example.com				
Comments						
Message flows	Mx	SUT		lc		
	INVITE	→	→	INVITE		
	470 Consent Needed2	←	←	470 Consent Needed1		
	ACK	→	→	ACK		

TP number	IBCF_103_119C_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	<u>.</u>	·		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	2./65			
Test Purpose name	Policy-Contact header supp	orted in 488 response			
Test Purpose	containing a Permission-Mis	When the IBCF receives a 488 Not Acceptable Here response from the other network containing a Permission-Missing header, ensure that a 488 Not Acceptable Here response is sent to the own network and the Policy-Contact header is present as received from the own network			
SIP Parameter values	488: Policy-Contact: polic	y.server.etsi.com			
Comments					
Message flows	Mx INVITE 488 Not Acceptable Here ACK	SUT → ←	Ic → INVITE ← 488 Not Acceptable Here → ACK		

TP number	IBCF_103_119C_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2./65			
Test Purpose name	Policy-Contact header not su	ipported in 488 respon	se		
Test Purpose	When the IBCF receives a 488 Not Acceptable Here response from the other network containing a Permission-Missing header, ensure that a 488 Not Acceptable Here response is sent to the own network and the Policy-Contact header is not present.				
SIP Parameter values	488 1: Policy-Contact: policy. 488 2:	server.etsi.com			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	488 Not Acceptable Here2	←	 488 Not Acceptable Here1 		
	ACK	→	→ ACK		

TP number	IBCF_103_119D_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/66				
Test Purpose name	Priority header support	ted in INVITE				
Test Purpose	header, ensure that an	When the IBCF receives an INVITE request from the own network containing a Priority header, ensure that an INVITE request is sent to the other network and the Priority header is present as received from the own network.				
SIP Parameter values	INVITE: Priority: norr	mal				
Comments						
Message flows	Mx	SUT	lc			
	INVITE → INVITE Apply post test routine					

TP number	IBCF_103_119D_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/66	
Test Purpose name	Priority header not supported	in INVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE header is not present.		
SIP Parameter values	INVITE1: Priority: normal INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE1 →	Apply post test routine	INVITE2

TP number	IBCF_103_119E_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	67		
Test Purpose name	Priv-Answer-Mode header sup	ported in INVITE request		
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Priv-Answer-Mode header, ensure that an INVITE request is sent to the other network and the Priv-Answer-Mode header is present as received from the own network.			
SIP Parameter values	INVITE: Priv-Answer-Mode:	Auto;require		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE ->	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_119E_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	3 7.2.2/67	
Test Purpose name	Priv-Answer-Mode header no	ot supported in INVITE request	t
Test Purpose		NVITE request from the own ne nsure that an INVITE request is eader is not present.	
SIP Parameter values	INVITE1: Priv-Answer-Mode INVITE2:	: Auto;require	
Comments			
Message flows	Mx	SUT	lc
	INVITE1	→	INVITE2
	Apply post test routine		

TP number	IBCF_103_119F	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3				
Test Purpose name	Privacy header supp	ported in INVITE request			
Test Purpose	header, ensure that		ne own network containing a Privacy ne other network and the Privacy is		
SIP Parameter values	INVITE: Privacy: i	INVITE: Privacy: id,header,user,history			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→ Apply post test r	→ INVITE outine		

TP number	IBCF_103_119G	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3				
Test Purpose name	Privacy header supported in 1	80 response			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Privacy header, ensure that a 180 Ringing response is sent to the own network and the Privacy is present as received from the other network.				
SIP Parameter values	180: Privacy: id,header,user	history,			
Comments					
Message flows	Mx	SUT	lc		
	INVITE ->	·	INVITE		
	180 Ringing €	· ←	180 Ringing		
		Apply post test routine			

TP number	IBCF_103_119H	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3			
Test Purpose name	Privacy header supported in 2	200 OK response		
Test Purpose		0 OK INVITE response from th		
		200 OK INVITE response is se	ent to the own network and	
	the Privacy is present as rece	ived from the other network.		
SIP Parameter values	200 OK: Privacy: id,header,	user,history		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	INVITE	
	180 Ringing	-	180 Ringing	
	200 OK INVITE	-	200 OK INVITE	
	ACK =	→	ACK	
	Apply post test routine			

TP number	IBCF 103 119I A F	Reference	Annex A [2]			
TSS reference	Exit Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/1	AND PICS 7.2.2/6	68			
Test Purpose name	Proxy-Authenticate header supp	orted in 407 response	onse			
Test Purpose	network containing a Proxy-Autl Required response is sent to the	When the IBCF receives a 407 Proxy Authentication Required response from the other network containing a Proxy-Authenticate header, ensure that a 407 Proxy Authentication Required response is sent to the own network and the Proxy-Authenticate header is present as received from the other network.				
SIP Parameter values		407: Proxy-Authenticate: Digest nonce="[any value]",realm="[any value]",algorithm=MD5,gop="auth"				
Comments						
Message flows	Mx	Mx SUT Ic				
_	INVITE 407 Proxy Authentication Requi ACK	→ red ← ·	→ INVITE← 407 Proxy Authentication Required→ ACK			

TP number	IBCF 103 119I B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall		•			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/1	AND NOT PICS	3 7.2.2/68			
Test Purpose name	Proxy-Authenticate header not	supported in 40	7 response			
Test Purpose	When the IBCF receives a 407 Proxy Authentication Required response from the other network containing a Proxy-Authenticate header, ensure that a 407 Proxy Authentication Required response is sent to the own network and the Proxy-Authenticate header is not present.					
SIP Parameter values		407 1: Proxy-Authenticate: Digest nonce="[any value]",realm="[any value]",algorithm=MD5,qop="auth" 407 2:				
Comments						
Message flows	Mx	SUT	Ic			
_	INVITE 407 Proxy Authentication Requi	→ red2 ← →	→ INVITE← 407 Proxy Authentication Requred1→ ACK			

TP number	IBCF_103_120_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	70		
Test Purpose name	Proxy-Require header support	ed in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Proxy-Require header, ensure that an INVITE request is sent to the other network and the Proxy-Require header is present as received from the own network.			
SIP Parameter values	INVITE: Proxy-Require: privacy			
Comments				
Message flows	Mx	SUT	lc	
	INVITE -	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_120_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/70			
Test Purpose name	Proxy-Require header	not supported in INVITE			
Test Purpose	Proxy-Require header,	When the IBCF receives an INVITE request from the own network containing a Proxy-Require header, ensure that an INVITE request is sent to the other network and the Proxy-Require header is not present.			
SIP Parameter values	INVITE1: Proxy-RequINVITE2:	INVITE1: Proxy-Require: privacy			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2 Apply post test routine				

IBCF_103_121_A	Reference	Annex A [2]		
Exit_Point/scr/bcall	Exit Point/scr/bcall			
NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND PICS 7.2.2/70			
Proxy-Require header suppor	ted in ACK			
When the IBCF receives an ACK request from the own network containing a Proxy-Require header, ensure that an ACK request is sent to the other network and the Proxy-Require header is present as received from the own network.				
ACK: Proxy-Require: sec-ag	ree			
180 Ringing 200 OK INVITE	÷ ÷	Ic INVITE 180 Ringing 200 OK INVITE ACK		
	Exit_Point/scr/bcall NOT PICS 7.1.1/2 AND PICS Proxy-Require header suppor When the IBCF receives an A Proxy-Require header, ensure Proxy-Require header is prese ACK: Proxy-Require: sec-ag Mx INVITE 180 Ringing 200 OK INVITE	Exit_Point/scr/bcall NOT PICS 7.1.1/2 AND PICS 7.1.1/3 AND PICS 7.2.2/70 Proxy-Require header supported in ACK When the IBCF receives an ACK request from the own netw Proxy-Require header, ensure that an ACK request is sent to Proxy-Require header is present as received from the own netw ACK: Proxy-Require: sec-agree Mx SUT INVITE 180 Ringing 200 OK INVITE ACK ACK		

TP number	IBCF_103_121_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall				
Selection criteria	NOT PICS 7.1.1/2 AN	ID PICS 7.1.1/3 AND NOT	PICS 7.2.2/70			
Test Purpose name	Proxy-Require header	r not supported in ACK				
Test Purpose	Proxy-Require header	When the IBCF receives an ACK request from the own network containing a Proxy-Require header, ensure that an ACK request is sent to the other network and the Proxy-Require header is not present.				
SIP Parameter values	ACK1: Proxy-Require ACK2:	ACK1: Proxy-Require: sec-agree				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK1	SUT → ← ← Apply post tes	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK2 st routine			

TP number	IBCF_103_122_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	70			
Test Purpose name	Proxy-Require header support	ed in BYE			
Test Purpose	When the IBCF receives an BYE request from the own network containing a Proxy-Require header, ensure that an BYE request is sent to the other network and the Proxy-Require header is present as received from the own network				
SIP Parameter values	BYE: Proxy-Require: sec-agr	ree			
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE → BYE				
	Apply post test routine				

TP number	IBCF_103_122_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/70			
Test Purpose name	Proxy-Require header not sur	pported in BYE			
Test Purpose	When the IBCF receives an BYE request from the own network containing a Proxy-Require header, ensure that an BYE request is sent to the other network and the Proxy-Require header is not present				
SIP Parameter values	BYE1: Proxy-Require: sec-agr BYE2:	BYE1: Proxy-Require: sec-agree			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1 →	→	BYE2		
	Apply post test routine				

TP number	IBCF_103_123_A	Ref	erence	Annex A [2]
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND F	PICS 7.2.2/70 A	ND PICS 7.2.2/105	
Test Purpose name	Proxy-Require head			
Test Purpose	When the IBCF receives a REGISTER request from the own network containing a Proxy-Require header, ensure that a REGISTER request is sent to the other network and the Proxy-Require header is present as received from the own network.			
SIP Parameter values	REGISTER: Proxy-Require: privacy			
Comments				
Message flows	Mx SUT Ic			
	REGISTER	→	→	REGISTER
	Apply post test routine			

TP number	IBCF_103_123_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	<u>.</u>				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/70 AND PIC	S 7.2.2/105			
Test Purpose name	Proxy-Require header	not supported in REGIS	TER request			
Test Purpose	Proxy-Require header,	When the IBCF receives a REGISTER request from the own network containing a Proxy-Require header, ensure that a REGISTER request is sent to the other network and the Proxy-Require header is not present.				
SIP Parameter values	REGISTER1: Proxy-R REGISTER2:	REGISTER1: Proxy-Require: privacy REGISTER2:				
Comments						
Message flows	Mx	Mx SUT Ic				
	REGISTER1	→	→ REGISTER2			
	Apply post test routine					

TP number	IBCF_103_123A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS	3 7.2.2/71				
Test Purpose name	RAck header supported	in PRACK request				
Test Purpose	header, ensure that a P	When the IBCF receives a PRACK request from the own network containing an RAck header, ensure that a PRACK request is sent to the other network and the RAck header				
	is present as received fi					
SIP Parameter values	180: Require: 100rel	INVITE: Supported: 100rel 180: Require: 100rel PRACK: RAck: [any value] [any value] INVITE				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing ← 180 Ringing					
	PRACK → PRACK					
		Apply post test routine				

TP number	IBCF_103_123B_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/72				
Test Purpose name	Reason header suppor	ted in 486 response				
Test Purpose	When the IBCF receives a 486 Busy Here response from the other network containing a Reason header, ensure that a 486 Busy Here response is sent to the own network and the Reason header is present as received from the other network.					
SIP Parameter values	486: Reason: Q.850;	cause=17				
Comments						
Message flows	Mx	SUT	lc			
	INVITE → INVITE					
	486 Busy Here	←	← 486 Busy Here			
	ACK	→	→ ACK			

TP number	IBCF_103_123B_B	Reference		Annex A [2]		
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/72				
Test Purpose name	Reason header not su	pported in 486 resp	onse			
Test Purpose	Reason header, ensure	When the IBCF receives a 486 Busy Here response from the other network containing a Reason header, ensure that a 486 Busy Here response is sent to the own network and the Reason header is not present.				
SIP Parameter values	486 1: Reason: Q.850; 486 2:	486 1: Reason: Q.850;cause=17 486 2:				
Comments						
Message flows	Mx	S	UT	lc		
	INVITE	→	→	INVITE		
	486 Busy Here2	←	←	486 Busy Here1		
	ACK	→	→	ACK		

TP number	IBCF_10	3_123C_A	Reference		Annex A [2]
TSS reference	Exit_Poin	t/scr/bcall			
Selection criteria	PICS 7.1	.1/3 AND PICS	7.2.2/74		
Test Purpose name	Recv-Info	header suppor	ted in INVITE reque	st	
Test Purpose	Info head	er, ensure that		s sent to the ot	etwork containing an Recv- ther network and the Recv-Info
SIP Parameter values	INVITE:	Recv-Info: P, I	₹		
Comments					
Message flows		Mx	SU	Т	Ic
	INVITE		→	→	INVITE
	Apply post test routine				

TP number	IBCF_103_123C_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/74			
Test Purpose name	Recv-Info header not support	ed in INVITE request			
Test Purpose	When the IBCF receives an INVITE request from the own network containing an Recv- Info header, ensure that an INVITE request is sent to the other network and the Recv-Info header is not present.				
SIP Parameter values	INVITE1: Recv-Info: P, R INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 →	Apply post test routine	INVITE2		

TP number	IBCF_103_123D_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	74			
Test Purpose name	Recv-Info header supported in	180 response			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing an Recv-Info header, ensure that a 180 Ringing response is sent to the own network and the Recv-Info header is present as received from the other network.				
SIP Parameter values	180: Recv-Info: P, R				
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	180 Ringing ←	←	180 Ringing		
		Apply post test routine			

TP number	IBCF_103_123D_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·	·	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/74		
Test Purpose name		supported in 180 response		
Test Purpose		ure that a 180 Ringing res	from the other network containing an conse is sent to the own network and the	
SIP Parameter values	180 1: Recv-Info: P, R 180 2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	180 Ringing2	-	← 180 Ringing1	
	Apply post test routine			

TP number	IBCF_103_123E_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/74	
Test Purpose name	Recv-Info header supp	orted in 200 OK respon	nse
Test Purpose	When the IBCF receive	es a 200 OK INVITE re	sponse from the other network containing an
			TE response is sent to the own network and
	the Recv-Info header is	s present as received fi	rom the other network.
SIP Parameter values	200 OK: Recv-Info: F	P, R	
Comments			
Message flows	Mx	SU ⁻	T lc
	INVITE	→	→ INVITE
	180 Ringing	(← 180 Ringing
	200 OK INVITE	←	← 200 OK INVITE
	ACK	→	→ ACK
		Apply post t	test routine

TP number	IBCF_103_123E_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND NOT PIC	CS 7.2.2/74				
Test Purpose name	Recv-Info header not supp	orted in 200 OK response				
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing an Recv-Info header, ensure that a 200 OK INVITE response is sent to the own network and the Recv-Info header is not present.					
SIP Parameter values	200 OK1: Recv-Info: P, R 200 OK2:	·				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK	SUT	Ic INVITE 180 Ringing 200 OK INVITE1 ACK			

TP number	IBCF_103_123F_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/75				
Test Purpose name	Referred-By header su	pported in INVITE				
Test Purpose	Referred-By header, ei	When the IBCF receives an INVITE request from the own network containing a Referred-By header, ensure that an INVITE request is sent to the other network and the Referred-By header is present as received from the own network.				
SIP Parameter values	INVITE: Referred-By	INVITE: Referred-By: [any URI]				
Comments						
Message flows	Mx SUT Ic					
	INVITE	→	→ INVITE			
	Apply post test routine					

TP number	IBCF_103_123F_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/75			
Test Purpose name	Referred-By header not support	orted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Referred By header, ensure that an INVITE request is sent to the other network and the Referred-By header is not present.				
SIP Parameter values	INVITE1: Referred-By: [any U INVITE2:	RI]			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 →	→	INVITE2		
	Apply post test routine				

TP number	IBCF 103 123G A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/75 AND PICS 7.2.2/	109			
Test Purpose name	Referred-By header supp	oorted in REFER				
Test Purpose	Referred By header, ens	When the IBCF receives an REFER request from the own network containing a Referred By header, ensure that an REFER request is sent to the other network and the Referred-By header is present as received from the own network.				
SIP Parameter values	REFER: Referred-By: [any URI]					
Comments						
Message flows	Mx SUT Ic					
	REFER → REFER					
	Apply post test routine					

TP number	IBCF_103_123G_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/75 AND PICS 7.2.2/109			
Test Purpose name	Referred-By header not support	orted in REFER			
Test Purpose	When the IBCF receives an REFER request from the own network containing a Referred By header, ensure that an REFER request is sent to the other network and the Referred-By header is not present.				
SIP Parameter values	REFER1: Referred-By: [any URI] REFER2:				
Comments					
Message flows	Mx	SUT	lc		
	REFER1 →	Apply post test routine	REFER2		

TP number	IBCF_103_123H_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/7	76 AND PICS 7.2.2/109		
Test Purpose name	Refer-Sub header supported in	REFER		
Test Purpose	When the IBCF receives an REFER request from the own network containing a Refer- Sub header, ensure that an REFER request is sent to the other network and the Refer- Sub header is present as received from the own network.			
SIP Parameter values	REFER: Refer-Sub: false			
Comments				
Message flows	Mx	SUT	lc	
	REFER →	Apply post test routine	REFER	

TP number	IBCF_103_123H_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/76 AND PICS 7.2.2/109	
Test Purpose name	Refer-Sub header not suppo	rted in REFER	
Test Purpose		EFER request from the own ne EFER request is sent to the oth	
SIP Parameter values	REFER1: Refer-Sub: false REFER2:		
Comments			
Message flows	Mx REFER1	SUT Apply post test routine	lc REFER2

TP number	IBCF_103_123I_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/76 AND PICS 7.2.2/109			
Test Purpose name	Refer-Sub header supported in	n 202 response			
Test Purpose	When the IBCF receives a 202 Accepted response from the other network containing a Refer-Sub header, ensure that a 202 Accepted response is sent to the own network and the Refer-Sub header is present as received from the other network.				
SIP Parameter values	202: Refer-Sub: false				
Comments					
Message flows	Mx	SUT	Ic		
	REFER -	→	REFER		
	202 Accepted	·	202 Accepted		

TP number	IBCF_103_123I_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS				
Test Purpose name	Refer-Sub header not suppor	ted in 202 response			
Test Purpose	When the IBCF receives a 202 Accepted response from the other network containing a Refer-Sub header, ensure that a 202 Accepted response is sent to the own network and the Refer-Sub header is not present.				
SIP Parameter values	202 1: Refer-Sub: false 202 2:				
Comments					
Message flows	Mx	SUT	lc		
	REFER →	→	REFER		
	202 Accepted2	+	202 Accepted1		

TP number	IBCF_103_123J	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	77 AND PICS 7.2.2/109	
Test Purpose name	Refer-To header supported in I		
Test Purpose	When the IBCF receives an REFER request from the own network containing a Refer-To header, ensure that an REFER request is sent to the other network and the Refer-To header is present as received from the own network.		
SIP Parameter values	REFER: Refer-To: <sip:[any to-tag%3d[any="" uri]?replaces="[any" value]="" value]%3b="" value]%3bfrom-tag%3d[any=""></sip:[any>		
Comments	The Refer-To header is manda	tory in the REFER message	
Message flows	Mx	SUT	Ic
	REFER →	→	REFER
		Apply post test routine	

TP number	IBCF_103_124_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/18	
Test Purpose name	Reject-Contact head	er supported in INVITE	
Test Purpose	Reject-Contact head		the own network containing a purest is sent to the other network and promote from the own network.
SIP Parameter values	INVITE: Reject-Co	ntact: *;actor="msg-taker";vid	eo
Comments			
Message flows	Mx	SUT	Ic
	INVITE	→	→ INVITE
	Apply post test routine		

TP number	IBCF_103_124_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/18	
Test Purpose name	Reject-Contact header not sup	pported in INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Reject-Contact header, ensure that an INVITE request is sent to the other network and the Reject-Contact header is not present.		
SIP Parameter values	INVITE1: Reject-Contact: *;ac INVITE2:	tor="msg-taker";video	
Comments			
Message flows	Mx	SUT	lc
	INVITE1 →	→	INVITE2
	Apply post test routine		

TP number	IBCF_103_125_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	NOT PICS 7.1.1/2 AND	PICS 7.1.1/3 AND PIC	CS 7.2.2/18	
Test Purpose name	Reject-Contact header	supported in ACK		
Test Purpose	When the IBCF receives an ACK request from the own network containing a Reject-Contact header, ensure that an ACK request is sent to the other network and the			
	Reject-Contact header			
SIP Parameter values	ACK: Reject-Contact: *;actor="msg-taker";video			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	180 Ringing	←	← 180 Ringing	
	200 OK ÎNVÎTE ← 200 OK ÎNVÎTE			
	ACK → ACK			
	Apply post test routine			

TP number	IBCF_103_125_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall		·		
Selection criteria	NOT PICS 7.1.1/2 AN	ID PICS 7.1.1/3 AND N	NOT PICS 7.2.2/18		
Test Purpose name	Reject-Contact heade	r not supported in ACI	CK		
Test Purpose	Reject-Contact heade	When the IBCF receives an ACK request from the own network containing a Reject-Contact header, ensure that an ACK request is sent to the other network and the Reject-Contact header is not present.			
SIP Parameter values	ACK1: Reject-Contact: *;actor="msg-taker";video ACK2:				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK1	SU → ← ← → Apply post	JT Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK2 t test routine		

TP number	IBCF_103_126_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/18		
Test Purpose name	Reject-Contact heade	r supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Reject-Contact header, ensure that a BYE request is sent to the other network and the Reject-Contact header is present as received from the own network.			
SIP Parameter values	BYE: Reject-Contact	: *;actor="msg-taker";video		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	→	→ BYE	
		Apply post test routine		

TP number	IBCF_103_126_B	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall	<u>.</u>		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/18		
Test Purpose name	Reject-Contact heade	r not supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Reject-Contact header, ensure that a BYE request is sent to the other network and the Reject-Contact header is not present.			
SIP Parameter values	BYE1: Reject-Contact BYE2:	t: *;actor="msg-taker";video		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE1	→	→ BYE2	
	Apply post test routine			

TP number	IBCF_103_126A_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND	PICS 7.2.2/78		
Test Purpose name	Relayed-Charge he	eader supported in INVITE		
Test Purpose		When the IBCF receives an INVITE request from the own network containing a Relayed- Charge header, ensure that an INVITE request is sent to the other network and the		
		eader is present as received		
SIP Parameter values	INVITE: Relayed-Charge: transitfunction;transit-ioi=[any domain name]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	Apply post test routine			

TP number	IBCF_103_126A_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/78				
Test Purpose name	Relayed-Charge header not s	upported in INVITE				
Test Purpose	When the IBCF receives an IN Charge header, ensure that ar Relayed-Charge header is not	INVITE request is sent to the				
SIP Parameter values	INVITE1: Relayed-Charge: tra	INVITE1: Relayed-Charge: transitfunction;transit-ioi=[any domain name] INVITE2:				
Comments						
Message flows	Mx SUT Ic					
	INVITE1 →	→	INVITE2			
	Apply post test routine					

TP number	IBCF_103_126B_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PI	ICS 7.2.2/79		
Test Purpose name	Replaces header sur	oported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Replaces header, ensure that an INVITE request is sent to the other network and the Replaces header is present as received from the own network.			
SIP Parameter values	INVITE: Replaces: [any URI];to-tag=[any value];from-tag=[any value]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	Apply post test routine			

TP number	IBCF_103_126B_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/79	
Test Purpose name	Replaces header not s	supported in INVITE	
Test Purpose			the own network containing a Replaces he other network and the Replaces
SIP Parameter values	INVITE1: Replaces: [a INVITE2:	any URI];to-tag=[any value];	from-tag=[any value]
Comments			
Message flows	Mx	SUT	lc
	INVITE1	Apply post test	→ INVITE2 routine

TP number	IBCF_103_126C_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	80				
Test Purpose name	Reply-To header supported in	INVITE				
Test Purpose	header, ensure that an INVITE	When the IBCF receives an INVITE request from the own network containing a Reply-To header, ensure that an INVITE request is sent to the other network and the Reply-To header is present as received from the own network.				
SIP Parameter values	INVITE: Reply-To: [any URI]					
Comments						
Message flows	Mx	SUT	lc			
	INVITE →	→	INVITE			
	Apply post test routine					

TP number	IBCF_103_126C_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2/80		
Test Purpose name	Reply-To header not sup	ported in INVITE		
Test Purpose	When the IBCF receives header, ensure that an IN header is not present.	an INVITE request from IVITE request is sent to	n the own network containing a Reply-To the other network and the Reply-To	Го
SIP Parameter values	INVITE1: Reply-To: [any INVITE2:	URI]		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE1	→	→ INVITE2	
	Apply post test routine			

TP number	IBCF_103_126D_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	81			
Test Purpose name	Retry-After header supported i	n 500 response			
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the other network containing a Retry-After header, ensure that a 500 Server Internal Error is sent to the own network and the Retry-After header is present as received from the other network.				
SIP Parameter values	500: Retry-After: 200;duration=100				
Comments					
Message flows	Mx INVITE → 500 Server Internal Error ← ACK	SUT → ← →	Ic INVITE 500 Server Internal Error ACK		

TP number	IBCF_103_126D_B	Reference		Annex A [2]	
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/81			
Test Purpose name	Retry-After header not suppo	rted in 500 response	;		
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the other network containing a Retry-After header, ensure that a 500 Server Internal Error is sent to the own network and the Retry-After header is not present.				
SIP Parameter values	500 1: Retry-After: 200;duration 500 2:	n=100			
Comments					
Message flows	Mx	SUT		lc	
	INVITE	→	→	INVITE	
	500 Server Internal Error2	←	←	500 Server Internal Error1	
	ACK	→	→	ACK	

TP number	IBCF_103_126E_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.	2/82				
Test Purpose name	Restoration-Info header supp	oorted in 408 response				
Test Purpose	containing a Restoration-Info	When the IBCF receives a 408 Request Timeout response from the other network containing a Restoration-Info header, ensure that a 408 Request Timeout is sent to the own network and the Restoration-Info header is present as received from the other network.				
SIP Parameter values	408: Restoration-Info: IMS	I="ETSI-PCRF";norespor	nse			
Comments						
Message flows	408 Request Timeout	SUT → ←	Ic → INVITE ← 408 Request Timeout → ACK			

TP number	IBCF_103_126E_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	•	<u> </u>			
Selection criteria	PICS 7.1.1/3 AND NOT PI	CS 7.2.2/82				
Test Purpose name	Restoration-Info header no	ot supported in 408 re	sponse			
Test Purpose	containing a Restoration-Ir	When the IBCF receives a 408 Request Timeout response from the other network containing a Restoration-Info header, ensure that a 408 Request Timeout is sent to the own network and the Restoration-Info header is not present.				
SIP Parameter values	408 1: Restoration-Info: IN 408 2:	408 1: Restoration-Info: IMSI="ETSI-PCRF";noresponse				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	408 Request Timeout	←	 408 Request Timeout 			
	ACK	→	→ ACK			

TP number	IBCF_103_126F_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	84	
Test Purpose name	RSeq header supported in 180	response	
Test Purpose	When the IBCF receives a 180	Ringing response from the ot	her network containing an
	RSeq header, ensure that a 18	0 Ringing response is sent to	the own network and the
	RSeq header is present as rec	eived from the other network.	
SIP Parameter values	INVITE: Supported: 100rel		
	180: RSeq: [any value]		
	Require: 100rel		
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
	180 Ringing ←	+	180 Ringing
		Apply post test routine	

TP number	IBCF_103_126F_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/84	
Test Purpose name	RSeq header not supported i	n 180 response	
Test Purpose	When the IBCF receives a 180 RSeq header, ensure that a 18 RSeq header is not present.	Ringing response from the of Ringing response is sent to	her network containing an the own network and the
SIP Parameter values	INVITE: Supported: 100rel 180 1: RSeq: [any value] Require: 100rel 180 1:		
Comments			
Message flows	Mx INVITE → 180 Ringing2	-	Ic INVITE 180 Ringing1

TP number	IBCF_103_126G_A	Reference	Annex	(A [2]
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND PICS 7	.2.2/84		
Test Purpose name	RSeq header supported in	183 response		
Test Purpose	When the IBCF receives a	183 Session Progress r	sponse from the	e other network
	containing an RSeq heade	er, ensure that a 183 Ses	sion Progress re	sponse is sent to the
	own network and the RSe	q header is present as re	ceived from the	other network.
SIP Parameter values	INVITE: Supported: 100re	I		
	183: RSeq: [any value]			
	Require: 100rel			
Comments				
Message flows	Mx	SUT		lc
	INVITE	→	→ INVIT	E
	183 Session Progress	←	← 183 S	ession Progress
	Apply post test routine			

TP number	IBCF_103_126G_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/84	
Test Purpose name	RSeq header not supported in	n 183 response	
Test Purpose	When the IBCF receives a 183 Session Progress response from the other network containing an RSeq header, ensure that a 183 Session Progress response is sent to the own network and the RSeq header is not present.		
SIP Parameter values	INVITE: Supported: 100rel 183 1: RSeq: [any value] Require: 100rel 183 1:		
Comments			
Message flows	Mx	SUT	IC INV/ITE
	INVITE 183 Session Progress2 ←	Apply post test routine	INVITE 183 Session Progress1

TP number	IBCF_103_127_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcal	II	·
Selection criteria	PICS 7.1.1/3 AND	PICS 7.2.2/18	
Test Purpose name	Request-Disposition	on header supported in INVITE	
Test Purpose	Request-Disposition		the own network containing a TE request is sent to the other network s received from the own network.
SIP Parameter values	INVITE: Reques	st-Disposition: no-fork	
Comments		•	
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
	Apply post test routine		

TP number	IBCF_103_127_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall		·	
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2/18		
Test Purpose name	Request-Disposition header	not supported in INVITE		
Test Purpose	Request-Disposition header	When the IBCF receives an INVITE request from the own network containing a Request-Disposition header, ensure that an INVITE request is sent to the other network and the Request-Disposition header is not present.		
SIP Parameter values	INVITE1: Request-Disposit INVITE2:	INVITE1: Request-Disposition: no-fork		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1	Apply post test routine	NVITE2	

IBCF_103_128_A	Reference	Annex A [2]
Exit_Point/scr/bcall	•	·
NOT PICS 7.1.1/2 AN	D PICS 7.1.1/3 AND PIC	5 7.2.2/18
Request-Disposition h	eader supported in ACK	
When the IBCF receives an ACK request from the own network containing a Request-Disposition header, ensure that an ACK request is sent to the other network and the Request-Disposition header is present as received from the own network.		
ACK: Request-Dispo	sition: no-fork	
Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT Apply post te	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK st routine
	Exit Point/scr/bcall NOT PICS 7.1.1/2 AN Request-Disposition h When the IBCF receiv Request-Disposition h the Request-Dispositio ACK: Request-Dispo Mx INVITE 180 Ringing 200 OK INVITE	Exit Point/scr/bcall NOT PICS 7.1.1/2 AND PICS 7.1.1/3 AND PICS Request-Disposition header supported in ACK When the IBCF receives an ACK request from t Request-Disposition header, ensure that an AC the Request-Disposition header is present as re ACK: Request-Disposition: no-fork Mx SUT INVITE 180 Ringing 200 OK INVITE

TP number	IBCF_103_128_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND NOT PICS 7.2.2/	18
Test Purpose name	Request-Disposition header no	ot supported in ACK	
Test Purpose	When the IBCF receives an ACK request from the own network containing a Request-Disposition header, ensure that an ACK request is sent to the other network and the Request-Disposition header is not present.		
SIP Parameter values	ACK1: Request-Disposition: no-fork ACK2:		
Comments			
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE ← ACK1 →	(Ic INVITE 180 Ringing 200 OK INVITE ACK2

TP number	IBCF_103_129_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/18		
Test Purpose name	Request-Disposition	neader supported in BYE		
Test Purpose	Request-Disposition I	When the IBCF receives a BYE request from the own network containing a Request-Disposition header, ensure that a BYE request is sent to the other network and the Request-Disposition header is present as received from the own network.		
SIP Parameter values	BYE: Request-Dispo	osition: no-fork		
Comments				
Message flows	Mx SUT Ic A session is already established			
	BYE	→ Apply post test ro	→ BYE outine	

TP number	IBCF 103 129 B	Reference	Annex A [2]	
TSS reference	Exit Point/scr/bcall	•	<u> </u>	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/18		
Test Purpose name	Request-Disposition h	eader not supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Request-Disposition header, ensure that a BYE request is sent to the other network and the Request-Disposition header is not present.			
SIP Parameter values	BYE1: Request-Dispos BYE2:			
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE1	→	→ BYE2	
	Apply post test routine			

TP number	IBCF_103_130_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	23		
Test Purpose name	Require header supported in II	NVITE		
Test Purpose	header, ensure that an INVITE	When the IBCF receives an INVITE request from the own network containing a Require header, ensure that an INVITE request is sent to the other network and the Require header is present as received from the own network.		
SIP Parameter values	INVITE: Require: 100rel			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE -	→	INVITE	
	Apply post test routine			

TP number	IBCF_103_130_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/23	
Test Purpose name	Require header not supporte	d in INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Require header, ensure that an INVITE request is sent to the other network and the Require header is not present.		
SIP Parameter values	INVITE1: Require: 100rel INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE1 -	Apply post test routine	INVITE2

TP number	IBCF_103_131_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/23		
Test Purpose name	Require header supported in	180		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Require header, ensure that a 180 Ringing response is sent to the own network and the Require header is present as received from the other network.			
SIP Parameter values	180: Require: 100rel			
Comments				
Message flows	Mx	SUT	lc	
	INVITE -	→	INVITE	
	180 Ringing	·	180 Ringing	
	Apply post test routine			

TP number	IBCF_103_131_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/23		
Test Purpose name	Require header not s	supported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Require header, ensure that a 180 Ringing response is sent to the own network and the Require header is not present.			
SIP Parameter values	180 1: Require: 100re 180 2:	el		
Comments				
Message flows	Mx INVITE 180 Ringing2	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing1 routine	

TP number	IBCF_103_132_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/23	
Test Purpose name	Require header supported in 2	200 OK INVITE	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Require header, ensure that a 200 OK INVITE response is sent to the own network and the Require header is present as received from the other network.		
SIP Parameter values	200 OK INVITE: Require: tim	er	
Comments			
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE	·	Ic INVITE 180 Ringing 200 OK INVITE

TP number	IBCF_103_132_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7.2.2/23			
Test Purpose name	Require header not su	pported in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Require header, ensure that a 200 OK INVITE response is sent to the own network and the Require header is not present.			
SIP Parameter values	200 OK INVITE1: Requ 200 OK INVITE2:	ire: timer		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	180 Ringing ← 180 Ringing			
	200 OK INVITE2 ← 200 OK INVITE1			
		Apply post test	routine	

TP number	IBCF_103_134_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/23		
Test Purpose name	Require header support	ted in BYE		
Test Purpose	header, ensure that a B	When the IBCF receives a BYE request from the own network containing a Require header, ensure that a BYE request is sent to the other network and the Require header is present as received from the own network.		
SIP Parameter values	BYE: Require: timer			
Comments				
Message flows	Mx BYE	SUT A session is already es	→ BYE	

TP number	IBCF_103_134_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/23		
Test Purpose name	Require header not su	upported in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a Require header, ensure that a BYE request is sent to the other network and the Require header is not present.			
SIP Parameter values	BYE1: Require: timer BYE2:			
Comments				
Message flows	Mx	SUT A session is already e	lc established	
	BYE1 Apply post test routine BYE2			

TP number	IBCF_103_135_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.1.1	/23	
Test Purpose name	Require header supported in 2	200 OK BYE	
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing a Require header, ensure that a 200 OK BYE response is sent to the own network and the Require header is present as received from the other network.		
SIP Parameter values	200 OK BYE: Require: timer		
Comments			
Message flows	Mx	SUT	lc
	A session is already established		
	BYE → BYE		
	200 OK BYE	-	200 OK BYE

TP number	IBCF_103_135_	В	Reference		Annex A [2]
TSS reference	Exit_Point/scr/bo	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AN	PICS 7.1.1/3 AND NOT PICS 7.1.1/23			
Test Purpose name	Require header	not supported	I in 200 OK BYE		
Test Purpose	Require header,	When the IBCF receives a 200 OK BYE response from the other network containing a Require header, ensure that a 200 OK BYE response is sent to the own network and the Require header is not present.			
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	Require: time	er		
Comments					
Message flows	Mx		SUT		lc
	A session is already established				
	BYE	→		→	BYE
	200 OK BYE2	+		+	200 OK BYE1

TP number	IBCF_103_136	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3	PICS 7.1.1/3		
Test Purpose name	Security-Client header not sup	ported in REGISTER		
Test Purpose	When the IBCF receives a REGISTER request from the own (visited) network containing a Security-Client header, ensure that a REGISTER request is sent to the other (home) network and the Security-Client header is not present.			
SIP Parameter values	REGISTER 1: Security-Client: tls REGISTER 2:			
Comments				
Message flows	Mx REGISTER 1 →	SUT Apply post test routine	Ic REGISTER 2	

TP number	IBCF 103 137	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall		
Selection criteria	PICS 7.1.1/3			
Test Purpose name	Security-Server header not	supported in 200 OK REC	GISTER	
Test Purpose	When the IBCF receives a 200 OK REGISTER response from the other (home) network containing a Security-Server header, ensure that a 200 OK REGISTER response is sent to the own (visited) network and the Security-Server header is not present.			
SIP Parameter values	200 OK 1: Security-Server: tls;q=0.2 200 OK 2:			
Comments				
Message flows	Mx	SUT	lc	
	REGISTER)	→ REGISTER	
	200 OK REGISTER 2			

TP number	IBCF_103_138	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3		
Test Purpose name	Security-Verify header not sup	ported in INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own (visited) network containing a Security-Verify header, ensure that an INVITE request is sent to the other (home) network and the Security-Verify header is not present.		
SIP Parameter values	INVITE1: Security-Verify: tls;q=0.2 INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE1 →	Apply post test routine	INVITE2

TP number	IBCF_103_138A_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall	•	
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2	1/85	
Test Purpose name	Server header supported in '	80 response	
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Server header, ensure that a 180 Ringing response is sent to the own network and the Server header is present as received from the other network.		
SIP Parameter values	180: Server: Microsoft Word 2015		
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	INVITE
	180 Ringing	(180 Ringing
	Apply post test routine		

TP number	IBCF_103_138A_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•		
Selection criteria	PICS7.1.1/3 AND NO	Γ PICS 7.2.2/85		
Test Purpose name	Server header not su	pported in 180 response		
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Server header, ensure that a 180 Ringing response is sent to the own network and the Server header is not present.			
SIP Parameter values	180 1: Server: Microso 180 2:	180 1: Server: Microsoft Word 2015		
Comments				
Message flows	Mx	SUT	lc	
	INVITE → INVITE			
	180 Ringing2	←	← 180 Ringing1	
	Apply post test routine			

TP number	IBCF 103 138B A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•		
Selection criteria	PICS7.1.1/3 AND PIC	S 7.2.2/85		
Test Purpose name	Server header support	ted in 200 OK response		
Test Purpose	Server header, ensure	When the IBCF receives a 200 OK INVITE response from the other network containing a Server header, ensure that a 200 OK INVITE response is sent to the own network and the Server header is present as received from the other network.		
SIP Parameter values	200 OK: Server: Mic	rosoft Word 2015		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE routine	

TP number	IBCF_103_138B_B	Reference	Annex A [2]				
TSS reference	Exit_Point/scr/bcall	·					
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/85					
Test Purpose name		ported in 200 OK response					
Test Purpose	Server header, ensure	When the IBCF receives a 200 OK INVITE response from the other network containing a Server header, ensure that a 200 OK INVITE response is sent to the own network and the Server header is not present.					
SIP Parameter values	200 OK 1: Server: Micro 200 OK 2:	osoft Word 2015					
Comments							
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 outine				

TP number	IBCF_103_138C_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS	7.2.2/85 AND PICS 7.2.2/	105			
Test Purpose name	Service-Route header s	upported in 200 OK REGIS	STER			
Test Purpose	containing a Service-Ro	When the IBCF receives a 200 OK REGISTER response from the other (home) network containing a Service-Route header, ensure that a 200 OK REGISTER response is sent to the own (visited) network and the Service-Route header is present as received from the other network				
SIP Parameter values	200 OK: Service-Rout	e: <sip:[any name];<="" server="" th=""><th>r></th></sip:[any>	r>			
Comments						
Message flows	Mx	SUT	lc			
	REGISTER	→	→ REGISTER			
	200 OK REGISTER	←	← 200 OK REGISTER			

TP number	IBCF_103_138C_B	Reference		Annex A [2]				
TSS reference	Exit_Point/scr/bcall	Exit Point/scr/bcall						
Selection criteria	PICS7.1.1/3 AND NOT PIC	S 7.2.2/85 AND PI	CS 7.2.2/105					
Test Purpose name	Service-Route header not	supported in 200 C	K REGISTER	2				
Test Purpose	containing a Service-Route	When the IBCF receives a 200 OK REGISTER response from the other (home) network containing a Service-Route header, ensure that a 200 OK REGISTER response is sent to the own (visited) network and the Service-Route header is not present.						
SIP Parameter values	200 OK 1: Service-Route: s 200 OK 2:	200 OK 1: Service-Route: sip:[any server name];lr 200 OK 2:						
Comments								
Message flows	Mx SUT Ic							
	REGISTER 200 OK REGISTER 2	→ ←	→	REGISTER 200 OK REGISTER 1				

TP number	IBCF_103_138D_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	37				
Test Purpose name	Session-ID header supported i					
Test Purpose		When the IBCF receives an INVITE request from the own network containing a				
	Session-ID header, ensure tha	t an INVITE request is sent to	the other network and the			
	Session-ID header is present a	s received from the own netw	ork.			
SIP Parameter values	INVITE: Session-ID: f81d4fae7dec11d0a76500a0c91e6bf6					
Comments						
Message flows	Mx	SUT	Ic			
	INVITE ->	→	INVITE			
	Apply post test routine					

TP number	IBCF_103_138D_B	Reference	Annex A [2]				
TSS reference	Exit_Point/scr/bcall	·					
Selection criteria	PICS 7.1.1/3 AND NOT	T PICS 7.2.2/87					
Test Purpose name	Session-ID header not	supported in INVITE					
Test Purpose		sure that an INVITE reques	the own network containing a it is sent to the other network and the				
SIP Parameter values	INVITE1: Session-ID: INVITE2:	INVITE1: Session-ID: f81d4fae7dec11d0a76500a0c91e6bf6					
Comments							
Message flows	Mx	SUT	lc NATE				
	INVITE → INVITE Apply post test routine						

TP number	IBCF_103_138E_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/87				
Test Purpose name	Session-ID header supported	in 180				
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Session-ID header, ensure that a 180 Ringing response is sent to the own network and the Session-ID header is present as received from the other network.					
SIP Parameter values	180: Session-ID: f81d4fae7d	dec11d0a76500a0c91e6bf6				
Comments						
Message flows	Mx	SUT	lc			
	INVITE -	· -	INVITE			
	180 Ringing €	· ←	180 Ringing			
	Apply post test routine					

TP number	IBCF_103_138E_B	Reference	Annex A [2]				
TSS reference	Exit_Point/scr/bcall	·					
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/87					
Test Purpose name	Session-ID header not s						
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a Session-ID header, ensure that a 180 Ringing response is sent to the own network and the Session-ID header is not present.						
SIP Parameter values	180 1: Session-ID: f81d4fae7dec11d0a76500a0c91e6bf6 180 2:						
Comments							
Message flows	Mx	SUT	lc				
	INVITE → INVITE						
	180 Ringing2 ← 180 Ringing1						
	Apply post test routine						

TP number	IBCF 103 138F A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	•	<u> </u>			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/87				
Test Purpose name	Session-ID header sur	oported in 200 OK INVITE				
Test Purpose	Session-ID header, en	When the IBCF receives a 200 OK INVITE response from the other network containing a Session-ID header, ensure that a 200 OK INVITE response is sent to the own network and the Session-ID header is present as received from the other network.				
SIP Parameter values	200 OK INVITE: Sess	sion-ID: f81d4fae7dec11d0a7	76500a0c91e6bf6			
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE outine			

TP number	IBCF_103_138F_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3 AND NOTPIC	S 7.2.2/87	
Test Purpose name	Session-ID header not sup		
Test Purpose			the other network containing a
	Session-ID header, ensure and the Session-ID header	that a 200 OK INVITE respons is not present.	se is sent to the own network
SIP Parameter values	200 OK INVITE1: Session-I 200 OK INVITE2:	D: f81d4fae7dec11d0a76500a	0c91e6bf6
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	INVITE
	180 Ringing	←	₹ 180 Ringing
	200 OK INVITE2	←	200 OK INVITE1
		Apply post test routine	

TP number	IBCF_103_138G_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/87			
Test Purpose name	Session-ID header sup	ported in BYE			
Test Purpose	header, ensure that a		wn network containing a Session-ID her network and the Session-ID k.		
SIP Parameter values	BYE: Session-ID: f81	d4fae7dec11d0a76500a0c9	1e6bf6		
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE	→	→ BYE		
		Apply post test re	outine		

TP number	IBCF_103_138G_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/87				
Test Purpose name	Session-ID header not support	ted in BYE				
Test Purpose	When the IBCF receives a BYE request from the own network containing a Session-ID header, ensure that a BYE request is sent to the other network and the Session-ID header is not present.					
SIP Parameter values	BYE1: Session-ID: f81d4fae7dec11d0a76500a0c91e6bf6 BYE2:					
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE → BYE					
		Apply post test routine				

TP number	IBCF_103_13	9_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr	/bcall					
Selection criteria	PICS 7.1.1/3	AND PICS 7.2.2/	16				
Test Purpose name	Session-Expir	es header suppo	rted in INVITE				
Test Purpose	Session-Expir	When the IBCF receives an INVITE request from the own network containing a Session-Expires header, ensure that an INVITE request is sent to the other network and the Session-Expires header is present as received from the own network.					
SIP Parameter values	INVITE: Se	ssion-Expires: 36	00; refresher=uac				
Comments							
Message flows	M	x	SUT		lc		
	INVITE	→		→ INVITE			
	Apply post test routine						

TP number	IBCF_103_139_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/16		
Test Purpose name	Session-Expires header not su	pported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Session-Expires header, ensure that an INVITE request is sent to the other network and the Session-Expires header is not present.			
SIP Parameter values	INVITE1: Session-Expires: 36 INVITE2:	00; refresher=uac		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE1 →	→	INVITE2	
	Apply post test routine			

TP number	IBCF_103_140_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/16			
Test Purpose name	Session-Expires header	supported in 200 OK INVI	ΓΕ		
Test Purpose	Session-Expires header	When the IBCF receives a 200 OK INVITE request from the other network containing a Session-Expires header, ensure that a 200 OK INVITE request is sent to the own network and the Session-Expires header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Session	on-Expires: [any value]			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test re	Ic → INVITE ← 180 Ringing ← 200 OK INVITE		

TP number	IBCF_103_140_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2/16			
Test Purpose name	Session-Expires header no	t supported in 200 OK INVITE			
Test Purpose		200 OK INVITE request from the			
		sure that a 200 OK INVITE requ			
		ader is present as received fron	n the other network.		
SIP Parameter values	200 OK INVITE1: Session-E	Expires: [any value]			
	200 OK INVITE2:				
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	→ →	INVITE		
	180 Ringing ← 180 Ringing				
	200 OK INVITE2	+ +	200 OK INVITE1		
		Apply post test routine			

TP number	IBCF_103_140A	Reference		Annex A [2]		
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/108				
Test Purpose name	SIP-ETag header support	orted in 200 OK PUI	BLISH response			
Test Purpose	a SIP-ETag header, en	When the IBCF receives a 200 OK PUBLISH response from the other network containing a SIP-ETag header, ensure that a 200 OK PUBLISH response is sent to the own network and the SIP-ETag header is present as received from the other network.				
SIP Parameter values	200 OK: SIP-ETag: kv	200 OK: SIP-ETag: kwj449x				
Comments						
Message flows	Mx SUT Ic					
	PUBLISH	→	→	PUBLISH		
	200 OK PUBLISH	+	+	200 OK PUBLISH		

TP number	IBCF_103_140B_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	89 AND PICS 7.2.2/108			
Test Purpose name	SIP-If-Match header supported	I in PUBLISH request			
Test Purpose	When the IBCF receives a PU				
	SIP-If-Match header, ensure the				
	SIP-If-Match header is present as received from the own network.				
SIP Parameter values	PUBLISH: SIP-If-Match: dx200xyz				
Comments					
Message flows	Mx SUT Ic				
	PUBLISH -	→	PUBLISH		
	200 OK PUBLISH ←	←	200 OK PUBLISH		

TP number	IBCF_103_140B_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2/89 AND PICS	7.2.2/108		
Test Purpose name	SIP-If-Match header not	supported in PUBLISH	request		
Test Purpose	SIP-If-Match header, ens	When the IBCF receives a PUBLISH request from the own network containing a SIP-If-Match header, ensure that a PUBLISH request is sent to the other network and the SIP-If-Match header is not present.			
SIP Parameter values	PUBLISH1: SIP-If-Mato	PUBLISH1: SIP-If-Match: dx200xyz PUBLISH2:			
Comments					
Message flows	Mx SUT Ic				
	PUBLISH1	→	→ PUBLISH2		
	200 OK PUBLISH	+	← 200 OK PUBLISH		

TP number	IBCF_103_140C_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/90			
Test Purpose name	Subject header supporte	ed in INVITE request			
Test Purpose	header, ensure that an I	When the IBCF receives an INVITE request from the own network containing a Subject header, ensure that an INVITE request is sent to the other network and the Subject header is present as received from the own network.			
SIP Parameter values	INVITE: Subject: ETS	I - World Class Standards			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE → INVITE				
	Apply post test routine				

TP number	IBCF_103_140C_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/90	
Test Purpose name	Subject header not sup	ported in INVITE request	
Test Purpose			the own network containing a Subject he other network and the Subject
SIP Parameter values	INVITE1: Subject: ETS INVITE2:	SI - World Class Standards	
Comments			
Message flows	Mx	SUT	lc
	INVITE1	Apply post test i	→ INVITE2 routine

TP number	IBCF_103_140D_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/91 AND PICS 7.2.2	2/106			
Test Purpose name	Subscription-State hea	ader supported in NOTIFY	request			
Test Purpose	When the IBCF receiv	es a NOTIFY request from	the own network containing a			
	Subscription-State hea	ader, ensure that a NOTIFY	request is sent to the other network a	and		
	the SIP-If-Match head	er is present as received fro	om the own network.			
SIP Parameter values	SUBSRIBE: Event:ca	all-completion				
	Expires:	=0				
	NOTIFY: Subscription	NOTIFY: Subscription-State: terminated; reason=timeout				
Comments						
Message flows	Mx	SUT	lc			
	SUBSCRIBE	←	← SUBSCRIBE			
	202 Accepted	→	→ 202 Accepted			
	NOTIFY	→	→ NOTIFY			
	200 OK NOTIFY	+	← 200 OK NOTIFY			

TP number	IBCF_103_140D_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/91 AND PICS 7.2.2/106			
Test Purpose name	Subscription-State header no	t supported in NOTIFY reque	st		
Test Purpose	When the IBCF receives a NOTIFY request from the own network containing a Subscription-State header, ensure that a NOTIFY request is sent to the other network and the SIP-If-Match header is not present.				
SIP Parameter values	SUBSRIBE: Event:call-completion				
Comments					
Message flows	202 Accepted - NOTIFY1 -	SUT	Ic SUBSCRIBE 202 Accepted NOTIFY2 200 OK NOTIFY		

TP number	IBCF_103_140E_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/91 AND PICS 7.2.2	/106		
Test Purpose name	Suppress-If-Match heade	er supported in SUBSCRI	BE request		
Test Purpose	Suppress-If-Match heade	When the IBCF receives a SUBSCRIBErequest from the own network containing a Suppress-If-Match header, ensure that a SUBSCRIBErequest is sent to the other network and the Suppress-If-Match header is present as received from the own network.			
SIP Parameter values	SUBSRIBE: Suppress-If-Match: dx200xyz				
Comments					
Message flows	Mx	SUT	lc		
	SUBSCRIBE	→	→ SUBSCRIBE		
	204 No Notification	+	← 204 No Notification		

TP number	IBCF_103_140E_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/91 AND PICS 7.2.2/106		
Test Purpose name	Suppress-If-Match header not	supported in SUBSCRIBE re	quest	
Test Purpose	When the IBCF receives a SUBSCRIBErequest from the own network containing a Suppress-If-Match header, ensure that a SUBSCRIBErequest is sent to the other network and the Suppress-If-Match header is not present.			
SIP Parameter values	SUBSRIBE1: Suppress-If-Match: dx200xyz SUBSRIBE2:			
Comments				
Message flows	Mx	SUT	lc	
	SUBSCRIBE1 →	→	SUBSCRIBE2	
	204 No Notification ←	-	204 No Notification	

TP number	IBCF_103_141_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND I	PICS 7.2.2/93			
Test Purpose name	Supported header s	supported in INVITE			
Test Purpose	header, ensure that		from the own network containing a Supported nt to the other network and the Supported network.		
SIP Parameter values	INVITE: Supporte	INVITE: Supported: 100rel			
Comments					
Message flows	Mx	SU [*]	JT Ic		
	INVITE	→	→ INVITE		
	Apply post test routine				

TP number	IBCF_103_141_B	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/93	
Test Purpose name	Supported header not suppor	ted in INVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE header is not present.		
SIP Parameter values	INVITE1: Supported: 100rel INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE1 →	→	INVITE2
		Apply post test routine	

TP number	IBCF_103_142_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	93		
Test Purpose name	Supported header supported in			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Supported header, ensure that a 200 OK INVITE response is sent to the own network and the Supported header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Supported: ti	imer		
Comments				
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE	·	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_142_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/93		
Test Purpose name	Supported header not suppo			
Test Purpose		0 OK INVITE response from the		
		it a 200 OK INVITE response is	s sent to the own network and	
	the Supported header is not p	resent.		
SIP Parameter values	200 OK INVITE1: Supported:	timer		
	200 OK INVITE2:			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE	→	INVITE	
	180 Ringing	-	180 Ringing	
	200 OK INVITE2	-	200 OK INVITE1	
	Apply post test routine			

TP number	IBCF_103_143_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND P	ICS 7.2.2/94	
Test Purpose name	Target-Dialog heade	r supported in INVITE reque	st
Test Purpose	Dialog header, ensur		the own network containing a Target- ent to the other network and the Target- n network.
SIP Parameter values		alog: [any CallID value]; rem =[any value]	ote-tag=[any value];
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
		Apply post test	routine

TP number	IBCF_103_143_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/94		
Test Purpose name	Target-Dialog header not supp	oorted in INVITE request		
Test Purpose	When the IBCF receives a INV			
	Dialog header, ensure that a IN	IVITE request is sent to the otl	ner network and the Target-	
	Dialog header is not present.		-	
SIP Parameter values	INVITE1: Target-Dialog: [any CallID value]; remote-tag=[any value];			
	local-tag=[any value]			
	INVITE2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
		Apply post test routine		

TP number	IBCF_103_145_	A Re	ference	Annex A [2]
TSS reference	Exit_Point/scr/bo	call		
Selection criteria	PICS 7.1.1/3 AN	ID PICS 7.2.2/95		
Test Purpose name	Timestamp head	der supported in IN	IVITE	
Test Purpose	Timestamp head	der, ensure that an		own network containing a sent to the other network and the wn network.
SIP Parameter values	INVITE: Times	stamp: [any value]		
Comments				
Message flows	Mx		SUT	lc
	INVITE	→		→ INVITE
	Apply post test routine			

TP number	IBCF_103_145_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/95		
Test Purpose name	Timestamp header not suppor	rted in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Timestamp header, ensure that an INVITE request is sent to the other network and the Timestamp header is not present.			
SIP Parameter values	INVITE1: Timestamp: [any val INVITE2:	ue]		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	Apply post test routine	INVITE2	

TP number	IBCF_103_146_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/95		
Test Purpose name	Timestamp header supported	in 180		
Test Purpose	When the IBCF receives a 180 Timestamp header, ensure that the Timestamp header is pres	at a 180 Ringing response is s	ent to the own network and	
SIP Parameter values	180: Timestamp: [any value			
Comments				
Message flows	Mx	SUT	lc	
	INVITE -	· -	INVITE	
	180 Ringing €	· ←	180 Ringing	
	Apply post test routine			

TP number	IBCF_103_146_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/95				
Test Purpose name	Timestamp header no	ot supported in 180				
Test Purpose	Timestamp header, e	When the IBCF receives a 180 Ringing response from the other network containing a Timestamp header, ensure that a 180 Ringing response is sent to the own network and the Timestamp header is not present.				
SIP Parameter values	180 1: Timestamp: [a 180 2:	ny value]				
Comments						
Message flows	Mx INVITE 180 Ringing2	SUT → ← Apply post tes	Ic → INVITE ← 180 Ringing1 t routine			

TP number	IBCF_103_147_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/9	95		
Test Purpose name	Timestamp header supported i			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Timestamp header, ensure that a 200 OK INVITE response is sent to the own network and the Timestamp header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: Timestamp: [any value]		
Comments				
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE ←	SUT → ← Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_103_147_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall		·		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/95			
Test Purpose name		t supported in 200 OK INV			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a Timestamp header, ensure that a 200 OK INVITE response is sent to the own network and the Timestamp header is not present.				
SIP Parameter values	200 OK INVITE1: Time 200 OK INVITE2:	200 OK INVITE1: Timestamp: [any value] 200 OK INVITE2:			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 routine		

TP number	IBCF_103_148_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	NOT PICS 7.1.1/2 AND PI	CS 7.1.1/3 AND PICS 7.	2.2/95	
Test Purpose name	Timestamp header suppor	ted in ACK		
Test Purpose	When the IBCF receives an ACK request from the own network containing a Timestamp header, ensure that an ACK request is sent to the other network and the Timestamp header is present as received from the own network.			
SIP Parameter values	ACK: Timestamp: [any va	alue]		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT → ← → Apply post test re	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK	
		Apply post test in	Juliile	

TP number	IBCF_103_148_B	Referen	се	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•				
Selection criteria	NOT PICS 7.1.1/2 AN	ID PICS 7.1.1/3 AN	ID NOT PICS 7.2.	.2/95		
Test Purpose name	Timestamp header no	ot supported in AC	K			
Test Purpose	header, ensure that a	When the IBCF receives an ACK request from the own network containing a Timestamp header, ensure that an ACK request is sent to the other network and the Timestamp header is not present.				
SIP Parameter values	ACK1: Timestamp: [al	ny value]				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK1	→ ← ← →	SUT SUT Suppose the suppose	180 Ringing 200 OK INVITE		

TP number	IBCF_103_149_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/95			
Test Purpose name	Timestamp header sup	ported in BYE			
Test Purpose	Timestamp header, en	When the IBCF receives an INVITE request from the own network containing a Timestamp header, ensure that an INVITE request is sent to the other network and the Timestamp header is present as received from the own network.			
SIP Parameter values	BYE: Timestamp: [an	BYE: Timestamp: [any value]			
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE	→	→ BYE		
		Apply post test ro	outine		

TP number	IBCF_103_149_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•	·		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/95			
Test Purpose name	Timestamp header no	t supported in BYE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a Timestamp header, ensure that an INVITE request is sent to the other network and the Timestamp header is not present.				
SIP Parameter values	BYE1: Timestamp: [an BYE2:	y value]			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE1 → BYE2				
	Apply post test routine				

TP number	IBCF_103_150_A	Reference		Annex A [2]	
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/95			
Test Purpose name	Timestamp header su	pported in 200 OK BYE			
Test Purpose	Timestamp header, er	When the IBCF receives a 200 OK BYE response from the other network containing a Timestamp header, ensure that a 200 OK BYE response is sent to the own network and the Timestamp header is present as received from the other network.			
SIP Parameter values	200 OK BYE: Timesta	200 OK BYE: Timestamp: [any value]			
Comments					
Message flows	Mx	SU	T	Ic	
		A session is already established			
	BYE	→	→	BYE	
	200 OK BYE	←	←	200 OK BYE	

TP number	IBCF_103_150_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	5 7.2.2/95		
Test Purpose name	Timestamp header not supp	orted in 200 OK BYE		
Test Purpose	When the IBCF receives a 20	00 OK BYE response from the c	ther network containing a	
	Timestamp header, ensure the	Timestamp header, ensure that a 200 OK BYE response is sent to the own network and		
	the Timestamp header is not	the Timestamp header is not present.		
SIP Parameter values	200 OK BYE1: Timestamp: [any value]			
	200 OK BYE2:			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE -	→	BYE	
	200 OK BYE2	-	200 OK BYE1	

TP number	IBCF 103 151	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	•		
Selection criteria				
Test Purpose name	To header supported	d in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a To header, ensure that an INVITE request is sent to the other network and the To header is present as received from the own network.			
SIP Parameter values	INVITE: To: <[any	URI]>		
Comments		-		
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	Apply post test routine			

TP number	IBCF_103_152	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	To header supported in 180			
Test Purpose		O Ringing response from the origing response is sent to the oving from the other network.		
SIP Parameter values	180: To: <[any URI]>; tag=[any value]		
Comments				
Message flows	Mx	SUT	lc Na are	
	INVITE	→	INVITE	
	180 Ringing	-	180 Ringing	
	Apply post test routine			

TP number	IBCF_103_153	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	To header supported i	n 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a To header, ensure that a 200 OK INVITE response is sent to the own network and the To header is present as received from the other network.			
SIP Parameter values	200 OK INVITE: To: <[any URI]>; tag=[any value]			
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE	

TP number	IBCF_103_154	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/2				
Test Purpose name	To header supported in A	CK			
Test Purpose	When the IBCF receives an ACK request from the own network containing a To header, ensure that an ACK request is sent to the other network and the To header is present as received from the own network.				
SIP Parameter values	ACK: To: <[any URI]>; to	ag=[any value]			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT → ← → Apply post test	Ic → INVITE ← 180 Ringing ← 200 OK INVITE → ACK routine		

TP number	IBCF_103_155	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria				
Test Purpose name	To header supported in	BYE		
Test Purpose		est is sent to the other net	own network containing a To header, work and the To header is present as	
SIP Parameter values	BYE: To: <[any URI]>;	tag=[any value]		
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE	→	→ BYE	
	Apply post test routine			

TP number	IBCF_103_156	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall	·		
Selection criteria				
Test Purpose name	To header supported	in 200 OK BYE		
Test Purpose	header, ensure that a		rom the other network containing a To at to the own network and the To rk.	
SIP Parameter values	200 OK BYE: To: <[ar	ny URI]>; tag=[any value]		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	→	→ BYE	
	200 OK BYE	-	← 200 OK BYE	

TP number	IBCF_103_157_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/9	96	
Test Purpose name	Trigger-Consent header suppo	rted in INVITE request	
Test Purpose	When the IBCF receives an IN Trigger-Consent header, ensur the Trigger-Consent header is	e that an INVITE request is se	ent to the other network and
SIP Parameter values	INVITE: Trigger-Consent:		
Comments			
Message flows	Mx	SUT	lc
	INVITE ->	→	INVITE
	Apply post test routine		

TP number	IBCF_103_157_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PI	ICS 7.2.2/96			
Test Purpose name	Trigger-Consent header n	ot supported in INVITE	request		
Test Purpose		ensure that an INVITE re	the own network containing a equest is sent to the other network and		
SIP Parameter values	INVITE1: Trigger-Consent: INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2				
	Apply post test routine				

TP number	IBCF_103_158_A	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall	•	• • •			
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/23 AND PICS 7.2.2/	97			
Test Purpose name	Unsupported header sup	pported in 420 response				
Test Purpose	When the IBCF receives a 420 Bad Extension response from the own network containing an Unsupported header, ensure that a 420 Bad Extension response is sent to the other network and the Unsupported header is present as received from the own network.					
SIP Parameter values	INVITE: Require: etsi-in	INVITE: Require: etsi-int13 420: Unsupported: etsi-int13				
Comments						
Message flows	Mx	SUT	Ic			
_	INVITE	→	→ INVITE			
	420 Bad Extension ← 420 Bad Extension					
	ACK	→	→ ACK			
	Apply post test routine					

TP number	IBCF_103_158_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/23 AND NOT PICS	7.2.2/97			
Test Purpose name	Unsupported header no	t supported in 420 respon	nse			
Test Purpose	an Unsupported header	When the IBCF receives a 420 Bad Extension response from the own network containing an Unsupported header, ensure that a 420 Bad Extension response is sent to the other network and the Unsupported header is not present.				
SIP Parameter values		INVITE: Require: etsi-int13 420 1: Unsupported: etsi-int13				
Comments						
Message flows	Mx INVITE 420 Bad Extension2 ACK	SUT Apply post test	Ic → INVITE ← 420 Bad Extension1 → ACK routine			

TP number	IBCF_103_159_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/98			
Test Purpose name	User-Agent header sup	ported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a User-Agent header, ensure that an INVITE request is sent to the other network and the User-Agent header is present as received from the own network.				
SIP Parameter values	INVITE: User-Agent: ETSI soft client v1				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	Apply post test routine				

TP number	IBCF_103_159_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/98				
Test Purpose name	User-Agent header no	ot supported in INVITE				
Test Purpose	User-Agent header, e	When the IBCF receives an INVITE request from the own network containing a User-Agent header, ensure that an INVITE request is sent to the other network and the User-Agent header is not present.				
SIP Parameter values	INVITE1: User-Agent INVITE2:	INVITE1: User-Agent: ETSI soft client v1				
Comments						
Message flows	Mx	SUT	lc			
_	INVITE1	Apply post test	→ INVITE2 routine			

TP number	IBCF_103_160_A	Reference		Annex A [2]
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/98		
Test Purpose name	User-Agent header su	upported in 180		
Test Purpose	User-Agent header, e		ng response is:	other network containing a sent to the own network and retwork.
SIP Parameter values	180: User-Agent: E			
Comments				
Message flows	Mx	-	UT	lc
	INVITE	→	→	INVITE
	180 Ringing	←	←	180 Ringing
	Apply post test routine			

TP number	IBCF_103_160_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/98			
Test Purpose name	User-Agent header n	ot supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a User-Agent header, ensure that a 180 Ringing response is sent to the own network and the User-Agent header is not present.				
SIP Parameter values	180 1: User-Agent: E 180 2:	TSI soft client v1			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	180 Ringing2	←	← 180 Ringing1		
		Apply post test routine			

TP number	IBCF_103_161_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/98			
Test Purpose name		pported in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a User-Agent header, ensure that a 200 OK INVITE response is sent to the own network and the User-Agent header is present as received from the other network.				
SIP Parameter values	200 OK INVITE: User	r-Agent: ETSI soft client v1			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE		
		Apply post test r	outine		

TP number	IBCF_103_161_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	Γ PICS 7.2.2/98				
Test Purpose name	User-Agent header not	t supported in 200 OK INVIT	ΓΕ			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a User-Agent header, ensure that a 200 OK INVITE response is sent to the own network and the User-Agent header is not present.					
SIP Parameter values	200 OK INVITE1: User- 200 OK INVITE2:	-Agent: ETSI soft client v1				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing ← 180 Ringing					
	200 OK INVITE2 ← 200 OK INVITE1					
	Apply post test routine					

TP number	IBCF_103_162_A	Reference	Annex A [2]
TSS reference	Exit_Point/scr/bcall		
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND PICS 7.2.2/98	
Test Purpose name	User-Agent header supported	in ACK	
Test Purpose	When the IBCF receives an AG		
	header, ensure that an ACK re		ork and the User-Agent
	header is present as received	from the own network.	
SIP Parameter values	ACK: User-Agent: ETSI soft of	client v1	
Comments			
Message flows	Mx	SUT	Ic
	INVITE ->	→	INVITE
	180 Ringing ←	←	180 Ringing
	200 OK INVITE2 ←	+	200 OK INVITE1
	ACK →	→	ACK
		Apply post test routine	

TP number	IBCF_103_162_B	Refere	nce	Annex A [2]		
TSS reference	Exit_Point/scr/bcall					
Selection criteria	NOT PICS 7.1.1/2 AN	D PICS 7.1.1/3 A	ND NOT PICS 7.2.2	/98		
Test Purpose name	User-Agent header no	t supported in A	ACK			
Test Purpose	When the IBCF receives an ACK request from the own network containing a User-Agent header, ensure that an ACK request is sent to the other network and the User-Agent header is not present.					
SIP Parameter values	ACK1: User-Agent: E1 ACK2:	ACK1: User-Agent: ETSI soft client v1 ACK2:				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK1	→ ← ← → Apply	SUT	Ic INVITE 180 Ringing 200 OK INVITE1 ACK2		

TP number	IBCF_103_163_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/98			
Test Purpose name	User-Agent header su	pported in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing a User-Agent header, ensure that a BYE request is sent to the other network and the User-Agent header is present as received from the own network.				
SIP Parameter values	BYE: User-Agent: E	TSI soft client v1			
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE	→	→ BYE		
	Apply post test routine				

TP number	IBCF_103_163_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/98			
Test Purpose name	User-Agent header no	ot supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the own network containing a User-Agent header, ensure that a BYE request is sent to the other network and the User-Agent header is not present.				
SIP Parameter values	BYE1: User-Agent: ETSI soft client v1 BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
BYE1 → BYE2					
	Apply post test routine				

TP number	IBCF_103_164_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/2 AND PI	CS 7.2.2/98			
Test Purpose name	User-Agent header s	upported in 200 OK BYE			
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing a User-Agent header, ensure that a 200 OK BYE response is sent to the own network and the User-Agent header is present as received from the other network.				
SIP Parameter values	200 OK BYE: User-A	gent: ETSI soft client v1			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE → BYE				
	200 OK BYE	+	← 200 OK BYE		

TP number	IBCF_103_164	В	Reference		Annex A [2]	
TSS reference	Exit_Point/scr/b	call			·	
Selection criteria	PICS 7.1.1/2 AN	ND NOT PICS	7.2.2/98			
Test Purpose name	User-Agent hea	der not suppo	rted in 200 OK BYI	E		
Test Purpose	When the IBCF receives a 200 OK BYE response from the other network containing a User-Agent header, ensure that a 200 OK BYE response is sent to the own network and the User-Agent header is not present.					
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: User-Agent: ETSI soft client v1				
Comments						
Message flows	Mx SUT Ic					
	A session is already established					
	BYE1					
	200 OK BYE	+		←	200 OK BYE	

TP number	IBCF_103_165_A	Reference	Annex A [2]				
TSS reference	Exit_Point/scr/bcall	·					
Selection criteria	PICS 7.1.1/3 AND P	ICS 7.2.2/17					
Test Purpose name	User-to-User header	supported in INVITE reques					
Test Purpose	User-to-User header	When the IBCF receives an INVITE request from the own network containing a User-to-User header, ensure that an INVITE request is sent to the other network and the User-to-User header is present as received from the own network.					
SIP Parameter values	INVITE: User-to-User: 504554534920494E54;encoding=hex						
Comments							
Message flows	Mx SUT Ic						
	INVITE	INVITE → INVITE					
	Apply post test routine						

TP number	IBCF_103_165_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/17		
Test Purpose name	User-to-User header not supp	orted in INVITE request		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a User-to-User header, ensure that an INVITE request is sent to the other network and the User-to-User header is not present.			
SIP Parameter values	INVITE1: User-to-User: 504554534920494E54;encoding=hex INVITE2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	Apply post test routine	INVITE2	

TP number	IBCF_103_166_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/17			
Test Purpose name	User-to-User header s	upported in 180 response			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a User-to-User header, ensure that a 180 Ringing response is sent to the own network and the User-to-User header is present as received from the other network.				
SIP Parameter values	180: User-to-User: 504554534920494E54;encoding=hex				
Comments					
Message flows	Mx SUT Ic				
	INVITE	→	→ INVITE		
	180 Ringing	←	← 180 Ringing		
	Apply post test routine				

TP number	IBCF_103_166_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2/17				
Test Purpose name	User-to-User header not	supported in 180 respons	e			
Test Purpose	When the IBCF receives a 180 Ringing response from the other network containing a User-to-User header, ensure that a 180 Ringing response is sent to the own network and the User-to-User header is not present.					
SIP Parameter values	180 1: User-to-User: 504554534920494E54;encoding=hex 180 2:					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing2	180 Ringing2 ← 180 Ringing1				
	Apply post test routine					

TP number	IBCF_103_167_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/17			
Test Purpose name	User-to-User header s	supported in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a User-to-User header, ensure that a 200 OK INVITE response is sent to the own network and the User-to-User header is present as received from the other network.				
SIP Parameter values	200 OK INVITE: User	r-to-User: 50455453492049	4E54;encoding=hex		
Comments					
Message flows	Mx INVITE	SUT	lc → INVITE		
	180 Ringing ← ← 180 Ringing 200 OK INVITE ← ← 200 OK INVITE Apply post test routine				

TP number	IBCF_103_167_B	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/17		
Test Purpose name	User-to-User header no	ot supported in 200 OK IN	VITE	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network containing a User-to-User header, ensure that a 200 OK INVITE response is sent to the own network and the User-to-User header is not present.			
SIP Parameter values	200 OK INVITE1: User-to-User: 504554534920494E54;encoding=hex 200 OK INVITE2:			
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2	SUT → ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 outine	

TP number	IBCF_103_168_A	Reference	Annex A [2]	
TSS reference	Exit_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	17		
Test Purpose name	User-to-User header supported	d in BYE		
Test Purpose	When the IBCF receives a BYE request from the own network containing a User-to-User header, ensure that a BYE request is sent to the other network and the User-to-User header is present as received from the own network.			
SIP Parameter values	BYE: User-to-User: 504554534920494E54;encoding=hex			
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE →	→	BYE	
		Apply post test routine		

TP number	IBCF_103_168_B	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2/17			
Test Purpose name	User-to-User header not				
Test Purpose	When the IBCF receives a BYE request from the own network containing a User-to-User header, ensure that a BYE request is sent to the other network and the User-to-User header is not present.				
SIP Parameter values	BYE1: User-to-User: 504554534920494E54;encoding=hex BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	→	→ BYE		
	Apply post test routine				

TP number	IBCF_103_169_A	Reference		Annex A [2]			
TSS reference	Exit_Point/scr/bcall	•					
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/17					
Test Purpose name	User-to-User header s	supported in 200 OK BYE					
Test Purpose	User-to-User header,	When the IBCF receives a 200 OK BYE response from the other network containing a User-to-User header, ensure that a 200 OK BYE response is sent to the own network and the User-to-User header is present as received from the other network.					
SIP Parameter values	200 OK BYE: User-to	200 OK BYE: User-to-User: 504554534920494E54;encoding=hex					
Comments							
Message flows	Mx	Mx SUT Ic					
		A session is already established					
	BYE	· · · · · · · · · · · · · · · · · · ·					
	200 OK BYE	←	←	200 OK BYE			

TP number	IBCF_103_169	В	Reference		Annex A [2]	
TSS reference	Exit_Point/scr/b	call				
Selection criteria	PICS 7.1.1/3 AN	ID NOT PICS 7	.2.2/17			
Test Purpose name	User-to-User he	ader not supp	orted in 200 OK E	YE		
Test Purpose	User-to-User he	When the IBCF receives a 200 OK BYE response from the other network containing a User-to-User header, ensure that a 200 OK BYE response is sent to the own network and the User-to-User header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: User-to-User: 504554534920494E54;encoding=hex				
Comments						
Message flows	Mx		SUT		Ic	
	A session is already established					
	BYE	BYE → BYE				
	200 OK BYE2	←		←	200 OK BYE1	

TP number	IBCF_103_170_A	Reference	Annex A [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/99			
Test Purpose name	Warning header supported in	500 response			
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the other network containing a Warning header, ensure that an 500 Server Internal Error response is sent to the own network and the Warning header is present as received from the other network.				
SIP Parameter values	500: Warning: 370 undefine	ed "Insufficient bandwidth"			
Comments					
Message flows	Mx	SUT	lc		
	INVITE -	→	→ INVITE		
	500 Server Internal Error	←	← 500 Server Internal Error		
	ACK -	+	→ ACK		

TP number	IBCF_103_170_B	Reference	Annex A [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/99				
Test Purpose name	Warning header not supported	ed in 500 response				
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the other network containing a Warning header, ensure that an 500 Server Internal Error response is sent to the own network and the Warning header is not present.					
SIP Parameter values	500 1: Warning: 370 undefined "Insufficient bandwidth"					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→ →	INVITE			
	500 Server Internal Error2	+ +	500 Server Internal Error1			
	ACK	→ →	ACK			

TP number	IBCF_103_171	Reference		Annex A [2]			
TSS reference	Exit_Point/scr/bcall	·					
Selection criteria	PICS7.1.1/3 AND PICS	7.2.2/104					
Test Purpose name		ader supported in 401 respo					
Test Purpose	containing a WWW-Aut	When the IBCF receives a 401 Unauthorized response from the other (home) network containing a WWW-Authenticate header, ensure that a 401 Unauthorized response is sent to the own (visited) network and the WWW-Authenticate header is present as received from the other network					
SIP Parameter values		401: WWW-Authenticate: Digest realm="[any domain name]", nonce="[any value]", algorithm=MD5,qop="auth"					
Comments							
Message flows	Mx	Mx SUT Ic					
	REGISTER	→	→	REGISTER			
	401 Unauthorized	←	←	401 Unauthorized			

TP number	IBCF_103_172_A	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7.2	2.2/100				
Test Purpose name	MESSAGE request support	rted				
Test Purpose		When the IBCF receives a MESSAGE request from the own network, ensure that a MESSAGE request is sent to the other network as received from the own network.				
SIP Parameter values						
Comments						
Message flows	Mx	SUT	Ic			
	MESSAGE	→	→ MESSAGE			
	200 OK MESSAGE	+	← 200 OK MESSAGE			

TP number	IBCF 103 172 B	Reference	Table 6.1 [2]		
TSS reference	Exit_Point/scr/bcall	•	<u> </u>		
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/100			
Test Purpose name	MESSAGE request not	supported			
Test Purpose	When the IBCF receives a MESSAGE request from the own network, ensure that a MESSAGE request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values			·		
Comments					
Message flows	Mx	SUT	lc		
	MESSAGE	→			
	4xx, 5xx, 6xx	←			

TP number	IBCF_103_173_A	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7	7.2.2/101				
Test Purpose name	OPTIONS request support	orted				
Test Purpose	When the IBCF receives a OPTIONS request from the own network, ensure that a OPTIONS request is sent to the other network as received from the own network. Since the OPTIONS could be used as a heartbeat.					
SIP Parameter values						
Comments						
Message flows	Mx OPTIONS CASE A	SUT →	options ic			
	200 OK OPTIONS	←	← 200 OK OPTIONS			
	CASE B 200 OK OPTIONS	←				

TP number	IBCF_103_173_B	Reference	Table 6.1 [2]		
TSS reference	Exit_Point/scr/bcall	·	• • • • • • • • • • • • • • • • • • • •		
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/101			
Test Purpose name	OPTIONS request not s	supported			
Test Purpose	When the IBCF receives a OPTIONS request from the own network, ensure that the OPTIONS request is rejected with a 4xx, 5xx or 6xx unsuccessful final response,				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	OPTIONS	→			
	4xx, 5xx, 6xx	←			

TP number	IBCF_103_174_A	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/1	02				
Test Purpose name	PRACK request supported					
Test Purpose	When the IBCF receives a PRA	ACK request from the own netv	vork, ensure that a PRACK			
	request is sent to the other net	work as received from the own	network.			
SIP Parameter values	INVITE: Supported: 100rel					
	180: Require: 100rel					
	Or					
	Supported: 100rel					
Comments						
Message flows	Mx	SUT	Ic			
	INVITE	→ →	INVITE			
	180 Ringing	← ←	180 Ringing			
	PRACK	→	PRACK			
	200 OK PRACK	+ +	200 OK PRACK			

TP number	IBCF_103_174_B	Reference	Table 6.1 [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/102			
Test Purpose name	PRACK request not sup	ported			
Test Purpose		r, ensure that a INVITE re	the own network containing a 100rel tag quest is sent to the other network and the		
SIP Parameter values	INVITE1: Supported: 1 INVITE2:	00rel			
Comments					
Message flows	Mx	SUT	lc		
-	INVITE1 Apply post test routine				

TP number	IBCF_103_175_A	Reference		Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall						
Selection criteria	PICS7.1.1/3 AND PICS 7.	.2.2/103					
Test Purpose name	REGISTER request support	orted					
Test Purpose		When the IBCF receives a REGISTER request from the own network, ensure that a REGISTER request is sent to the other network as received from the own network.					
SIP Parameter values	REGISTER: Authorization	REGISTER: Authorization:					
Comments							
Message flows	Mx	SU	Ī	lc			
	REGISTER	REGISTER → REGISTER					
	200 OK REGISTER	(+	200 OK REGISTER			

TP number	IBCF_103_175_B	Reference	Table 6.1 [2]
TSS reference	Exit_Point/scr/bcall	·	
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/103	
Test Purpose name	REGISTER request no	t supported	
Test Purpose			the own network, ensure that the cx NOT 401 unsuccessful final response.
SIP Parameter values	REGISTER: Authoriz	ation:	·
Comments			
Message flows	Mx	SUT	Ic
	REGISTER	→	
	4xx, 5xx, 6xx	←	

TP number	IBCF_103_176_A	Reference	Table 6.1 [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND PICS 7	.2.2/104			
Test Purpose name	SUBSCRIBE and NOTIFY	request supported			
Test Purpose	When the IBCF receives a SUBSCRIBE request from the own network, ensure that a SUBSCRIBE request is sent to the other network as received from the own network. When the IBCF receives a NOTIFY request from the other network, ensure that a NOTIFY request is sent to the own network as received from the other network.				
SIP Parameter values					
Comments					
Message flows	Mx SUBSCRIBE 200 OK SUBSCRIBE NOTIFY 200 OK NOTIFY	SUT → ← ←	IC → SUBSCRIBE ← 200 OK SUBSCRIBE ← NOTIFY → 200 OK NOTIFY		

TP number	IBCF_103_176_B	Reference	Table 6.1 [2]		
TSS reference	Exit_Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND PICS	7.2.2/104			
Test Purpose name	SUBSCRIBE request n	ot supported			
Test Purpose	When the IBCF receives a SUBSCRIBE request from the own network, ensure that a SUBSCRIBE request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	Ic		
	SUBSCRIBE	→			
	4xx, 5xx, 6xx	+			

TP number	IBCF_103_177_A	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/	105				
Test Purpose name	UPDATE request supported					
Test Purpose		DATE request from the own ne				
	request is sent to the other ne	twork as received from the own	network.			
SIP Parameter values						
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→ →	INVITE			
	180 Ringing	+ +	180 Ringing			
	200 OK	+ +	200 OK			
	ACK	→	ACK			
	UPDATE	→ →	UPDATE			
	200 OK UPDATE	+ +	200 OK UPDATE			
		Apply post test routine				

TP number	IBCF_103_177_B	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND NOT PICS 7	.2.2/105				
Test Purpose name	UPDATE request not supported	d				
Test Purpose	When the IBCF receives a UPI					
	request is rejected with a 4xx,	5xx or 6xx unsuccessful final re	esponse.			
SIP Parameter values						
Comments						
Message flows	Mx	SUT	Ic			
	INVITE	→	INVITE			
	180 Ringing	(180 Ringing			
	200 OK	← ←	200 OK			
	ACK ·	→	ACK			
	UPDATE .	→				
	4xx, 5xx, 6xx					
		Apply post test routine				

TP number	IBCF_103_178_A	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/	06				
Test Purpose name	PUBLISH request supported					
Test Purpose	When the IBCF receives a PUBLISH request from the own network, ensure that a					
	PUBLISH request is sent to the other network as received from the own network.					
SIP Parameter values						
Comments						
Message flows	Mx	SUT	lc			
	PUBLISH	→ →	PUBLISH			
	200 OK PUBLISH	(200 OK PUBLISH			

TP number	IBCF_103_178_B	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND NOT F	PICS 7.2.2/106				
Test Purpose name	PUBLISH request not su	ıpported				
Test Purpose		When the IBCF receives a PUBLISH request from the own network, ensure that a PUBLISH request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values						
Comments						
Message flows	Mx	SUT	lc			
	PUBLISH	→				
	4xx, 5xx, 6xx	+				

TP number	IBCF_103_179_A	Referen	ce		Table 6.1 [2]	
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7	.2.2/107				
Test Purpose name	REFER request supporte	REFER request supported				
Test Purpose	When the IBCF receives a REFER request from the own network, ensure that a MESS REFER AGE request is sent to the other network as received from the own network.					
SIP Parameter values						
Comments						
Message flows	Mx		SUT		lc	
	REFER	→		→	REFER	
	200 OK REFER	←		←	200 OK REFER	

TP number	IBCF_103_179_B	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall	·				
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/107				
Test Purpose name	REFER request not sup	ported				
Test Purpose		When the IBCF receives a REFER request from the own network, ensure that a MESS REFER AGE request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values						
Comments						
Message flows	Mx	SUT	lc			
	REFER	→				
	4xx, 5xx, 6xx	←				

TP number	IBCF_103_180_A	Reference	Т	able 6.1 [2]		
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS	S 7.2.2/108				
Test Purpose name	INFO request supporte	ed				
Test Purpose		When the IBCF receives a INFO request from the own network, ensure that a INFO request is sent to the other network and as received from the own network.				
SIP Parameter values						
Comments						
Message flows	Mx	SI	UT	lc		
	INVITE	→	→			
	180 Ringing	←	←			
	200 OK	←	←			
	ACK	→	→			
	INFO	→	→	NFO		
	200 OK INFO	←	← 2	200 OK INFO		
		Apply post	test routine			

TP number	IBCF_103_180_B	Reference	Table 6.1 [2]			
TSS reference	Exit_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND NOT P	PICS 7.2.2/108				
Test Purpose name	INFO request not suppor	ted				
Test Purpose			own network, ensure that a INFO			
	request is rejected with a	4xx, 5xx or 6xx unsucces	ssful final response.			
SIP Parameter values						
Comments						
Message flows	Mx	SUT	Ic			
	INVITE	→	→			
	180 Ringing	←	←			
	200 OK	←	←			
	ACK	→	→			
	INFO	→				
	4xx, 5xx, 6xx ←					
		Apply post test	routine			

6.1.3.2 Simulation services

6.1.3.2.1 Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR)

TP number	IBCF 104 001	Reference	4.4.2, 5.10.6 [1],	
			5 [16]	
TSS reference	Exit_Point/scr/ss/oip-oir			
Selection criteria	PICS 7.1.1/3 AND NOT P	ICS 7.2.1/2 AND PICS 7.	2.3/1	
Test Purpose name	The IBCF leaves the P-As	sserted-Identity header fie	eld set to the public user identity and	
	Privacy id in the request f	or outgoing requests	•	
Test Purpose	When an IBCF receives a	in initial SIP INVITE reque	est from within its own network and a	
	P-Asserted-Identity and a Privacy header value 'id' is present, it leaves the			
	P-Asserted-Identity heads	er fields in the SIP reques	ts if the other network is trusted.	
SIP Parameter values	INVITE1: P-Asserted-Ide	entity <uri></uri>		
	Privacy: id			
	INVITE2: P-Asserted-Ide	entity <uri></uri>		
	Privacy: id			
Comments				
Message flows	Mx/Gm	SUT	lc	
	INVITE1	→	→ INVITE2	
		Apply post test re	outine	

TP number	IBCF_104_002	Reference	4.4.2, 5.10.6 [1],	
			5 [16]	
TSS reference	Exit_Point/scr/ss/oip-c	pir		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.1/2 AND PICS 7.2	2.3/1	
Test Purpose name	The IBCF leaves the F	P-Asserted-Identity header fiel	d set to the public user identity and no	
	Privacy present in the	request for outgoing requests		
Test Purpose			st from within its own network and a	
			nt, it leaves the P-Asserted-Identity	
	header fields in the SIP requests if the other network is trusted.			
SIP Parameter values	INVITE1: P-Asserted-Identity <uri></uri>			
	INVITE2: P-Asserted-Identity <uri></uri>			
Comments				
Message flows	Mx	SUT	lc	
_	INVITE1	→	→ INVITE2	
		Apply post test ro	outine	

TP number	IBCF_104_003	Reference	4.4.2, 5.10.6 [1],	
			5 [16]	
TSS reference	Exit_Point/scr/ss/oip-oir			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	2 AND PICS 7.2.3/1		
Test Purpose name	The IBCF removes the P-Asse	rted-Identity header field set to	the public user identity and	
	Privacy id from the request			
Test Purpose	When an IBCF receives an init	ial SIP INVITE request from w	ithin its own network and a	
	P-Asserted-Identity and a Privacy header value 'id' is present, it removes the			
	P-Asserted-Identity header fiel	ds from the SIP requests if the	other network is untrusted.	
SIP Parameter values	INVITE1: P-Asserted-Identity	<uri></uri>		
	Privacy: id			
	INVITE2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
	100 Trying ←			
	, 3	Apply post test routine		

TP number	IBCF_104_004	Reference	4.4.2, 5.10.6 [1],	
			5 [16]	
TSS reference	Exit_Point/scr/ss/oip-o	ir		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.1/2 AND PICS 7.2.3/1		
Test Purpose name	The IBCF leaves the P	-Asserted-Identity header fiel	d set to the public user identity from	
_	the request no Privacy			
Test Purpose	When an IBCF receive	When an IBCF receives an initial SIP INVITE request from within its own network and a		
	P-Asserted-Identity an	d no Privacy header is pres	ent, the IBCF leaves the received	
	P-Asserted-Identity he	ader field.		
SIP Parameter values	INVITE1: P-Asserted-Identity <uri></uri>			
	INVITE2: P-Asserted-Identity <uri></uri>			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1	→	→ INVITE2	
	100 Trying	←		
	Apply post test routine			

6.1.3.2.2 Terminating Identification Presentation (TIP) and Terminating Presentation Restriction (TIR)

TP number	IBCF_105_001	Refere	nce	4.4.2, 5.10.6 [1],
				5 [16],
				7.2.2 [17]
TSS reference	Exit_Point/scr/ss/tip-tir	•		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.1/2 /	AND PICS 7.2.3/2	
Test Purpose name	The P-Asserted-Identit	ty is passed in th	e 180 response	
Test Purpose	sent an initial INVITE r	equest and ther	e is a P-Asserted-Id	se from a trusted network upon lentity header field present and serted-Identity header fields in
SIP Parameter values	180 1: P-Asserted-Ide 180 2: P-Asserted-Ide	,		
Comments				
Message flows	Mx		SUT	lc
	INVITE	→	-	INVITE
	180 Ringing 2	←	€	180 Ringing 1
	Apply post test routine			

IBCF_105_002	Reference	4.4.2, 5.10.6 [1], 5 [16],
		7.2.2 [17]
Exit_Point/scr/ss/tip-tir	•	·
PICS 7.1.1/3 AND NOT	PICS 7.2.1/2 AND PICS 7.2	2.3/2
The P-Asserted-Identity	is passed in the 200 OK res	ponse
sent an initial INVITE re	quest and there is a P-Assei	rted-Identity header field present and
	,	
	-	
Mx INVITE 180 Ringing 200 OK INVITE2 ACK	SUT ← ← Apply post test ro	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 → ACK
	Exit_Point/scr/ss/tip-tir PICS 7.1.1/3 AND NOT The P-Asserted-Identity When an IBCF receives sent an initial INVITE re no Privacy header is pre the SIP response. 200 1: P-Asserted-Ident 200 2: P-Asserted-Ident INVITE 180 Ringing 200 OK INVITE2	Exit_Point/scr/ss/tip-tir PICS 7.1.1/3 AND NOT PICS 7.2.1/2 AND PICS 7.2 The P-Asserted-Identity is passed in the 200 OK res When an IBCF receives a 200 OK INVITE final resp sent an initial INVITE request and there is a P-Asser no Privacy header is present, the IBCF it leaves the the SIP response. 200 1: P-Asserted-Identity 200 2: P-Asserted-Identity Mx SUT INVITE 180 Ringing 200 OK INVITE2 ACK

TP number	IBCF_105_003	Reference	4.4.2, 5.10.6 [1], 5 [16], 7.2.2 [17]	
TSS reference	Exit Point/scr/ss/tip-tir		[1.2.2 [11]	
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.	1/2 AND PICS 7.2.3/2		
Test Purpose name	The P-Asserted-Identity is re	placed or omitted in the 180 res	sponse	
Test Purpose	upon sent an initial INVITE re and no Privacy header is p or SIPS or tel URI or remove response.	When an IBCF receives a 180 Ringing provisional response from an untrusted network upon sent an initial INVITE request and there is a P-Asserted-Identity header field present and no Privacy header is present , the IBCF replaces the header field with a single SIP or SIPS or tel URI or remove the received P-Asserted-Identity header field from the response.		
SIP Parameter values	180 1: P-Asserted-Identity 180 2: P-Asserted-Identity < no P-Asserted-Identit	single SIP, SIPS or tel URI> or y present		
Comments				
Message flows		SUT → Apply post test routine	Ic INVITE 180 Ringing 1	

TP number	IBCF_105_004	Reference	4.4.2, 5.10.6 [1], 5 [16],			
			7.2.2 [17]			
TSS reference	Exit_Point/scr/ss/tip-tir	Exit Point/scr/ss/tip-tir				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.1/2 AND PICS 7.2.3/2				
Test Purpose name	The P-Asserted-Identit	y is replaced or omitted in th	ne 200 OK response			
Test Purpose	When an IBCF receives a 200 OK INVITE final response from an untrusted network upon sent an initial INVITE request and there is a P-Asserted-Identity header field present and no Privacy header is present , the IBCF replaces the header field with a single SIP or SIPS or tel URI or remove the received P-Asserted-Identity header field from the response.					
SIP Parameter values	200 1: P-Asserted-Identity 200 2: P-Asserted-Identity <single or="" sip,="" sips="" tel="" uri=""> or no P-Asserted-Identity present</single>					
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK	SUT ← ← Apply post test r	Ic → INVITE ← 180 Ringing ← 200 OK INVITE1 → ACK			

TP number	IBCF_105_005	Reference	4.5.2.4 [5]	
TSS reference	Exit_Point/scr/ss/tip-tir			
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.3/2		
Test Purpose name	INVITE 'from-change' ta	ag in Supported header su	pported	
Test Purpose	tag is contained in the S	When the IBCF receives an INVITE request from the own network and the 'from-change' tag is contained in the Supported header, an INVITE is sent to the other network and the 'from-change' tag present in the supported header.		
SIP Parameter values	INVITE1: Supported: fr INVITE2: Supported: fr			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 Apply post test routine			

	ipported header supported		
00 OK 'from-change' tag in Su /hen the IBCF receives a 200	ipported header supported		
hen the IBCF receives a 200			
When the IBCF receives a 200 OK INVITE request from the other network and the 'from-change' tag is contained in the Supported header, a 200 OK INVITE request is sent to the own network and the 'from-change' tag is present in the supported header. Ensure that the changed From header value in the UPDATE request is passed unchanged.			
200 OK 1: Supported: from-change 200 OK 2: Supported: from-change UPDATE 1: From: <changed from="" header="" value=""> UPDATE 2: From: <changed from="" header="" value=""></changed></changed>			
Mx IVITE BO Ringing CO OK INVITE2 CK PDATE 2 CO OK UPDATE Mx FROM TO THE TO T	SUT Apply post test routine	IC INVITE 180 Ringing 200 OK INVITE1 ACK UPDATE 1 200 OK UPDATE	
	om-change' tag is contained in the own network and the 'from sure that the changed From inchanged. OO OK 1: Supported: from-changed From: <changed <c<="" <changed="" from:="" th=""><th>om-change' tag is contained in the Supported header, a 20 the own network and the 'from-change' tag is present in the sure that the changed From header value in the UPDATE changed. OO OK 1: Supported: from-change OO OK 2: Supported: from-change PDATE 1: From: <changed from="" header="" value=""> PDATE 2: From: <changed from="" header="" value=""> Mx SUT IVITE OO OK INVITE2 CK PDATE 2 CK PDATE 2</changed></changed></th></changed>	om-change' tag is contained in the Supported header, a 20 the own network and the 'from-change' tag is present in the sure that the changed From header value in the UPDATE changed. OO OK 1: Supported: from-change OO OK 2: Supported: from-change PDATE 1: From: <changed from="" header="" value=""> PDATE 2: From: <changed from="" header="" value=""> Mx SUT IVITE OO OK INVITE2 CK PDATE 2 CK PDATE 2</changed></changed>	

6.1.3.2.3 Communication Diversion service

TP number	IBCF_106_001	Reference	4.4.4 [1],		
			4.3.3.1.1 [15]		
TSS reference	Exit_Point/scr/ss/cdiv				
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.1/2 AND PICS 7.2.3/3			
Test Purpose name	The History-Info header with	out Privacy header is passed in	the INVITE		
Test Purpose	When an IBCF receives an initial SIP INVITE request from within its own network and a				
	no Privacy header is present, it leaves the History-Info header field in the SIP requests if				
	the other network is trusted.				
SIP Parameter values	INVITE1: History-Info				
Comments	INVITE2: History-Info				
Message flows	Mx	SUT	lc		
	INVITE1	→ →	INVITE2		
	100 Trying	←			
	Apply post test routine				

TP number	IBCF 106 002	Reference	4.4.4 [1],
			4.3.3.1.1 [15]
TSS reference	Exit_Point/scr/ss/cdiv	·	
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/2 AND PICS 7.2.3/3	
Test Purpose name	The History-Info header with	Privacy history is passed in the	INVITE
Test Purpose		itial SIP INVITE request from w	
	Privacy header value history	s present, it leaves the History	Info header field in the SIP
	requests if the other network	is trusted.	
SIP Parameter values	INVITE1: History-Info		
	Privacy: history		
Comments	INVITE2: History-Info		
	Privacy: history		
Message flows	Mx	SUT	lc
	INVITE1	→	INVITE2
	100 Trying	(
	Apply post test routine		

TP number	IBCF 106 003	Reference	4.4.4 [1],		
			4.3.3.1.1 [15]		
TSS reference	Exit_Point/scr/ss/cdiv	Exit_Point/scr/ss/cdiv			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/2 AND PICS 7.2.3/3			
Test Purpose name	The History-Info header with e	scaped Privacy header is pass	sed in the INVITE		
Test Purpose	When an IBCF receives an init				
	Privacy header value history is				
	History-Info header field in the	SIP requests if the other netw	ork is trusted.		
SIP Parameter values	INVITE1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>				
	<hi>targeted-to-uri 2>; index=1.1</hi>				
Comments	INVITE2: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>				
	<hi-targeted-to-uri 2="">; index=1.1</hi-targeted-to-uri>				
Message flows	Mx	SUT	lc		
	INVITE1 →	→	INVITE2		
	100 Trying ←	•			
	Apply post test routine				

TP number	IBCF 106 004	Reference	4.4.2 [1],		
			4.3.3.1.1 [15]		
TSS reference	Exit_Point/scr/ss/cdiv	•			
Selection criteria	PICS 7.1.1/3 AND PICS 7.	PICS 7.1.1/3 AND PICS 7.2.1/2 AND PICS 7.2.3/3			
Test Purpose name	The History-Info header is	passed into an untrusted	network		
Test Purpose			st from within its own network and a field in the SIP requests if the other		
SIP Parameter values	INVITE1: History-Info				
Comments	INVITE2: History-Info				
Message flows	Mx	SUT	Ic		
	INVITE1	→	→ INVITE2		
	100 Trying	←			
		Apply post test ro	utine		

TP number	IBCF 106 005	Reference	4.4.2 [1],
			4.3.3.1.1 [15]
TSS reference	Exit_Point/scr/ss/cdiv		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1	/2 AND PICS 7.2.3/3	
Test Purpose name	The History-Info header and I	Privacy headers are omitted into	o an untrusted network
Test Purpose	Privacy header value history i	itial SIP INVITE request from w s present, it removes the Histor	
	SIP requests if the other netw	ork is untrusted.	
SIP Parameter values	INVITE1: History-Info		
	Privacy: history		
Comments	INVITE2: no History-Info pre	sent	
Message flows	Mx	SUT	Ic
	INVITE1	→	INVITE2
	100 Trying	(
	Apply post test routine		

TP number	IBCF_106_006	Reference	4.4.2 [1],	
			4.3.3.1.1 [15]	
TSS reference	Exit_Point/scr/ss/cdiv			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	2 AND PICS 7.2.3/3		
Test Purpose name	The History-Info header with e	scaped Privacy header is omit	ted into an untrusted network	
Test Purpose	When an IBCF receives an initial SIP INVITE request from within its own network and a			
	Privacy header value history is escaped in any hi-entry, it removes this specific hi-entry			
	from the History-Info header fie	eld in the SIP requests if the of	her network is untrusted.	
SIP Parameter values	INVITE1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>			
	<hi-targ< th=""><th>geted-to-uri 2>; index=1.1</th><th></th></hi-targ<>	geted-to-uri 2>; index=1.1		
Comments	INVITE1: History-Info: <hi-tar< th=""><th>geted-to-uri 2>; index=1.1</th><th></th></hi-tar<>	geted-to-uri 2>; index=1.1		
Message flows	Mx	SUT	Ic	
	INVITE1 →	→	INVITE2	
	100 Trying ←	•		
	, ,	Apply post test routine		

6.1.3.2.4 Other Simulation services

TP number	IBCF 107 001	Reference	12 [2]		
TSS reference	Exit Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	17 AND PICS 7.2.3/4			
Test Purpose name	INFO request containing the "application/vnd.etsi.mcid+xml" request MIME body				
	supported				
Test Purpose	When the IBCF receives an INFO request from the other network the Content-Type is set				
	to 'application/vnd.etsi.mcid+xml' and a MCID XML request body is present, an INFO				
	request is sent to the own network. The Content-type is set to				
	'application/vnd.etsi.mcid+xml' and the received MCID XML body is present.				
SIP Parameter values	INFO: Content-Type: application/vnd.etsi.mcid+xml				
	xml version="1.0"</th				
	mcid				
	request				
	McidReques	tIndicator>1<			
	HoldingIndicator>1<				
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
	180 Ringing ←	+	180 Ringing		
	INFO ←	+	INFO		
	200 OK INFO →)	200 OK INFO		
		Apply post test routine			

TP number	IBCF_107_002	Reference	12 [2]		
TSS reference	Exit Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.3/17 AND PICS 7.2.3/4			
Test Purpose name	INFO request containing the "application/vnd.etsi.mcid+xml" response MIME body supported				
Test Purpose	When the IBCF receives an INFO request from the own network the Content-Type is set to 'application/vnd.etsi.mcid+xml' and a MCID XML response body is present, an INFO request is sent to the other network. The Content-type is set to 'application/vnd.etsi.mcid+xml' and the received MCID XML body is present.				
SIP Parameter values	xml versi<br mcid respons Mcio Holo		d+xml		
Comments	· ·				
Message flows	INVITE 180 Ringing INFO 200 OK INFO 1 INFO 1 200 OK INFO 2	SUT	Ic → INVITE ← 180 Ringing ← INFO → 200 OK INFO 1 → INFO 2 ← 200 OK INFO 2 routine		

TP number	IBCF_107_003	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	.3/5			
Test Purpose name	Privacy value 'id' and 433 A	Privacy value 'id' and 433 Anonymity Disallowed response supported			
Test Purpose	the own network, an INVITE	request is sent to the or and the Privacy header.	The received 433 Anonymity		
SIP Parameter values	INVITE: P-Asserted-Identi Privacy: id	ty			
Comments					
Message flows	Mx INVITE 433 Anonymity Disallowed ACK	SUT → ← →	Ic → INVITE ← 433 Anonymity Disallowed → ACK		

TP number	IBCF_107_004	Reference		12 [2]
TSS reference	Exit_Point/scr/ss/othe	er		
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.3/6		
Test Purpose name	Alert-Info header sup	ported		
Test Purpose	header set to 'urn:ale		180 Ringing r	vork containing an Alert-Info response is sent to the own
SIP Parameter values	180 1: Alert-Info: <ur< th=""><th>n:alert:service:call-waiti</th><th>ng></th><th></th></ur<>	n:alert:service:call-waiti	ng>	
Comments				
Message flows	Мх	, su		lc Na att
	INVITE	→	→	INVITE
	180 Ringing	←	←	180 Ringing
		Apply post	test routine	

TP number	IBCF_107_005	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/othe	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PI	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/6			
Test Purpose name	INVITE containing a	INVITE containing a CW XML body supported			
Test Purpose	body is attached, an	When the IBCF receives an INVITE request from the own network and a CW XML MIME body is attached, an INVITE request is sent to the other network containing the received CW XML MIME body.			
SIP Parameter values	xml vers<br ims-cw	ype: application/vnd.3gpp.cw+ sion="1.0" unication-waiting-indication	xml		
Comments					
Message flows	Mx	SUT	lc		
	INVITE	Apply post test re	→ INVITE putine		

TP number	IBCF_107_006	Reference	12 [2]	
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	19 AND PICS 7.2.3/6		
Test Purpose name	480 containing Reason cause	19 supported		
Test Purpose	When the IBCF receives a 480 Temporarily Unavailable final response from the other network and a Reason header cause value set to #19 is present, a 480 Temporarily Unavailable is sent to the own network containing the received Reason header.			
SIP Parameter values	480: Reason: Q.850: cause=19			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE1	→	INVITE2	
	480 Temporarily Unavailable	+ +	480 Temporarily Unavailable	
	ACK	→	ACK	

TP number	IBCF_107_007	Reference	12 [2]	
TSS reference	Exit_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3	/7		
Test Purpose name	INVITE request to suspend and retrieve a session is supported			
Test Purpose	When the IBCF receives an INVITE request from the own network while an active session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendonly', an INVITE request is sent to the other network:			
	The version parameter ofThe a attribute of the m li			
	The 200 OK INVITE received from the other network the version parameter of the o line is incremented and the a attribute of the m line is set to 'recvonly' is sent to the own network:			
	 The version parameter of the o line is incremented The a attribute of the m line is set to 'recvonly' When the IBCF receives an INVITE request from the own network while an suspended session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendrecv', an INVITE request is sent to the other network: 			
	The version parameter of the o line is incremented The a attribute of the m line is set to 'sendrecv'			
	The 200 OK INVITE received from the other network the version parameter of the o line is incremented and the a attribute of the m line is set to 'sendrecv' is sent to the own network:			
	The version parameter ofThe a attribute of the m li			
SIP Parameter values	a=sendonly INVITE2: SDP	number incremented		
Comments	a contaiocv			
Message flows	Mx	SUT	lc	
	An ac	tive session is already estab	lished	
	INVITE1 -	→	INVITE1	
	200 OK INVITE	-	200 OK INVITE	
	ACK -	→	ACK	
	INDUITEO		IND/ITEO	
	INVITE2 200 OK INVITE	=	INVITE2 200 OK INVITE	
	ACK -	=	ACK	
		Apply post test routine	A CA	
	•			

	ne		
Test Purpose When the IBCF receives an UPDATE request from the own network while an active session is established and the version parameter in the oline of the SDP is incremented and the a attribute of the m line is set to 'sendonly', an UPDATE request is sent to the other network: • The version parameter of the oline is incremented • The a attribute of the m line is set to 'sendonly' The 200 OK UPDATE received from the other network the version parameter of the olis incremented and the a attribute of the m line is set to 'recvonly' is sent to the own network: • The version parameter of the oline is incremented • The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the own network while an suspendent.	ne		
When the IBCF receives an UPDATE request from the own network while an active session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendonly', an UPDATE request is sent to the other network: • The version parameter of the o line is incremented • The a attribute of the m line is set to 'sendonly' The 200 OK UPDATE received from the other network the version parameter of the o lis incremented and the a attribute of the m line is set to 'recvonly' is sent to the own network: • The version parameter of the o line is incremented • The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the own network while an suspendent.	ne		
session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendonly', an UPDATE request is sent to the other network: • The version parameter of the o line is incremented • The a attribute of the m line is set to 'sendonly' The 200 OK UPDATE received from the other network the version parameter of the o lis incremented and the a attribute of the m line is set to 'recvonly' is sent to the own network: • The version parameter of the o line is incremented • The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the own network while an suspendent.	ne		
 The a attribute of the m line is set to 'sendonly' The 200 OK UPDATE received from the other network the version parameter of the olis incremented and the a attribute of the m line is set to 'recvonly' is sent to the own network: The version parameter of the oline is incremented The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the own network while an suspendent 	ed		
is incremented and the a attribute of the m line is set to 'recvonly' is sent to the own network: • The version parameter of the o line is incremented • The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the own network while an suspendent	ed		
 The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the own network while an suspendent 			
and the a attribute of the m line is set to 'sendrecv', an UPDATE request is sent to the other network:	• The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the own network while an suspended session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendrecv', an UPDATE request is sent to the		
 The version parameter of the o line is incremented The a attribute of the m line is set to 'sendrecv' 			
The 200 OK UPDATE received from the other network the version parameter of the o I is incremented and the a attribute of the m line is set to 'sendrecv' is sent to the own network:	ne		
 The version parameter of the o line is incremented The a attribute of the m line is set to 'sendrecv' 			
SIP Parameter values UPDATE 1: SDP o line: version number incremented a=sendonly			
UPDATE 2:			
SDP o line: version number incremented a=sendrecv			
Comments			
Message flows Mx SUT Ic			
An active session is already established			
UPDATE 1 → UPDATE 1			
200 OK UPDATE ← 200 OK UPDATE			
UPDATE 2 → UPDATE 2			
200 OK UPDATE ← 200 OK UPDATE			
Apply post test routine			

TP number	IBCF_107_009	Reference	12 [2]			
TSS reference	Exit_Point/scr/ss/other		·			
Selection criteria	PICS 7.1.1/3 AND PICS	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/8				
Test Purpose name	SUBSCRIBE with 'mes	SUBSCRIBE with 'message-summary' event package supported				
Test Purpose	When the IBCF receive	When the IBCF receives a SUBSCRIBE request from the own network the:				
	 Expires header set 	 Event header is set to 'message-summary' Expires header set to '7200' Accept header set to 'application/simple-message-summary' 				
	A SUBCRIBE is sent to the other network containing the MWI related headers as received from the own network.					
SIP Parameter values	SUBCRIBE:					
	Event: message-summary Expires: 7200 Accept: application/simple-message-summary					
Comments		- <u> - - - - - - - - - - - - - </u>	· · · · · · · · · · · · · · · · · · ·			
Message flows	Mx	SUT	Ic			
	SUBCRIBE	→	→ SUBCRIBE			
	200 OK SUBCRIBE/	←	← 200 OK SUBCRIBE/			
	202 Accepted		202 Accepted			

TP number	IBCF 107 010	Reference	12 [2]		
TSS reference		Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/8			
Test Purpose name	NOTIFY with message	summary MIME body suppo	rted		
Test Purpose		When the IBCF receives a NOTIFY request from the own network the:			
	Subscription-StateContent-Type hea	 Event header set to 'message-summary' Subscription-State header set to 'active' expires parameter set to '7200' Content-Type header set to 'application/simple-message-summary' MIME body set to 'Messages-Waiting: yes' 			
	A NOTIFY is sent to the other network containing the MWI related headers and MIME body as received from the own network.				
SIP Parameter values	Event: mes Subscription Content-Ty	NOTIFY: Event: message-summary Subscription-State: active; expires=7200 Content-Type: application/simple-message-summary Messages-Waiting: yes			
Comments					
Message flows	Mx	SUT	lc		
	NOTIFY	→	→ NOTIFY		
	200 OK NOTIFY	←	← 200 OK NOTIFY		

TP number	IBCF_107_011	Referei	nce		12 [2]
TSS reference	Exit_Point/scr/ss/oth	er			
Selection criteria	PICS 7.1.1/3 AND PI	ICS 7.2.3/9			
Test Purpose name	603 containing a Rea	603 containing a Reason header in case of ICB received			
Test Purpose	When the IBCF receives a 603 Decline final response from the other network, a 603 Decline is sent to the own network containing the received Reason header.				
SIP Parameter values	603: Reason				
Comments					
Message flows	Mx INVITE	→	SUT	->	ic INVITE
	603 Decline ACK	`		←	603 Decline ACK

TP number	IBCF_107_012	Referen	ce	12 [3]		
TSS reference	Exit_Point/scr/ss/othe	er				
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.1/1 AND PI	CS 7.2.3/9			
Test Purpose name	603 containing a Rea	603 containing a Reason header in case of OCB received				
Test Purpose	When the IBCF receives a 603 Decline final response from the other network, a 603 Decline is sent to the own network containing the received Reason header.					
SIP Parameter values	603: Reason					
Comments						
Message flows	Mx INVITE 603 Decline ACK	→ ← →	•	Ic → INVITE ← 603 Decline → ACK		

TP number	IBCF_107_013	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/othe	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.1/1 AND PICS	7.2.3/10		
Test Purpose name	486 containing a Call	I-Info header is supported			
Test Purpose	with purpose parame network ensure that a	When the IBCF receives a 486 Busy Here final response containing a Call-Info header with purpose parameter set to 'call-completion' and m parameter set to 'BS' from the other network ensure that a 486 Busy Here final response is sent to the own network containing the received Call-Info header.			
SIP Parameter values	486: Call-Info: <sip:[any uri]="">;purpose=call-completion;m=BS</sip:[any>				
Comments			•		
Message flows	Mx INVITE 486 Busy Here ACK	SUT → ← →	Ic → INVITE ← 486 Busy Here → ACK		

TP number	IBCF_107_014	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/other	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/1 AND PICS 7.2.3/11			
Test Purpose name	180 containing a Call-Info head	der is supported			
Test Purpose	When the IBCF receives a 180 Ringing provisional response containing a Call-Info header with purpose parameter set to 'call-completion' and m parameter set to 'BS' from the other network ensure that a 180 Ringing provisional response is sent to the own network containing the received Call-Info header.				
SIP Parameter values	180: Call-Info: <sip:[any uri]="">;purpose=call-completion;m=BS</sip:[any>				
Comments	San and Spijany Conj spanpasa san dompidadisin Bo				
Message flows	Mx	SUT	Ic		
	INVITE →	→	INVITE		
	180 Ringing ←	←	180 Ringing		
	Apply post test routine				

TP number	IBCF_107_015	Reference	12 [2]		
TSS reference	Exit Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	/1 AND (PICS 7.2.3/11 OR F	PICS 7.2.3/10)		
Test Purpose name	199 response is supported	199 response is supported			
Test Purpose	When the IBCF receives a 199 Early Dialog Terminated provisional response from the other network in early dialogue ensure that the 199 Early Dialog Terminated is sent to the own network.				
SIP Parameter values					
Comments					
Message flows	Mx INVITE 180 Ringing 199 Early Dialog Terminated	SUT → → ← ← Apply post test routine	Ic INVITE 180 Ringing 199 Early Dialog Terminated		

TP number	IBCF_107_016	Reference	12 [2]			
TSS reference	Exit_Point/scr/ss/othe	r				
Selection criteria	PICS 7.1.1/3 AND NC	PICS 7.1.1/3 AND NOT PICS 7.2.1/1 AND (PICS 7.2.3/11 OR PICS 7.2.3/10)				
Test Purpose name	SUBSCRIBE and NO	SUBSCRIBE and NOTIFY for Call Completion is supported				
Test Purpose	When the IBCF receiv	When the IBCF receives a SUBSCRIBE request from the own network and the				
		 Call-Info header purpose parameter is set to 'call-completion' and the m parameter is set to 'BS' or 'NR' 				
	 Event header is s 	et to 'call-completion'				
			other network containing the received			
	Call-Info and Event he					
		res a NOTIFY request from	the other network and the			
		et to call-completion				
		ader is set to application/cal	l-completion			
		rameter is set to queued				
		on MIME parameter is set to				
			network containing the Event header			
OID Developed		dy as received from the other	er network.			
SIP Parameter values	SUBSCRIBE:	o: zain:[any IDI]>:nurnaaa-	and completion; m=DC or m=ND			
		Call-Info: <sip:[any uri]="">;purpose=call-completion; m=BS or m=NR Event: call-completion</sip:[any>				
	NOTIFY:	· ·				
		Event: call-completion				
		pe: application/call-complet	ion			
	cc-state: qu					
	cc-service-	retention: true				
Comments						
Message flows	Mx	SUT	lc			
	SUBSCRIBE	→	→ SUBSCRIBE			
	202 Accepted	←	← 202 Accepted			
	NOTIFY	←	← NOTIFY			
	200 OK NOTIFY	→	→ 200 OK NOTIFY			

TP number	IBCF_107_017	Reference	12 [2]			
TSS reference	Exit Point/scr/ss/other					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	PICS 7.1.1/3 AND NOT PICS 7.2.1/1 AND (PICS 7.2.3/11 OR PICS 7.2.3/10)				
Test Purpose name	NOTIFY for Call Completion is supported					
Test Purpose	When the IBCF receives a NO	When the IBCF receives a NOTIFY request from the own network and the				
	 Event header is set to 'cal 	l-completion'				
	Content-Type header is set	et to 'application/call-completi	ion'			
	cc-state MIME parame	eter is set to 'ready' or 'Subso	ription-State MIME parameter			
	is set to 'terminated; re	eason=noresource'				
		ensure that a NOTIFY request is sent to the other network containing the Event header				
	and the 'cc-' MIME body as received from the own network.					
SIP Parameter values	NOTIFY:					
	Event: call-completion					
	Content-Type: application/call-completion					
	cc-state: ready					
	or					
	Subscription-State: terminated; reason=noresource					
Comments						
Message flows	Mx	SUT	lc			
	NOTIFY ->	→	NOTIFY			
	200 OK NOTIFY ←	+	200 OK NOTIFY			

TP number	IBCF 107 018	Reference	12 [2]	
TSS reference	Exit_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/1 AND (PICS 7.2.3/11 C	OR PICS 7.2.3/10)	
Test Purpose name	PUBLISH for Call Completion	s supported	·	
Test Purpose	When the IBCF receives a PU	BLISH request from the own	network and the	
	 Event header is set to 	presence		
	Call-Info header purpo parameter is set to 'BS'	se parameter is set to 'call-co b'	ompletion' and the m	
	Content-Type header	s set to application/pidf+xml		
	XML MIME body with	element 'presence' and status	s/basic element set to 'closed'	
	or 'open'			
	ensure that a PUBLISH reques			
	header and the presence MIM	E body as received from the o	own network.	
SIP Parameter values	PUBLISH:			
	Event: presence			
		JRI]>;purpose=call-completion	on; m=BS or m=NR	
	Content-Type: appli			
	xml version="1.0" encoding="UTF-8"?			
	<pre><pre><pre><pre></pre></pre></pre></pre>			
	<status></status>			
	<basic>closed</basic>			
	or			
	 	I		
Comments			_	
Message flows	Mx	SUT	lc	
	PUBLISH -	→	PUBLISH	
	200 OK PUBLISH	+	200 OK PUBLISH	

TP number	IBCF_107_019	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 ANI	D NOT PICS 7.2.1/1 AND (PICS 7	.2.3/11 OR PICS 7.2.3/10)		
Test Purpose name	INVITE with Call	Completion information is support	ed		
Test Purpose	to 'BS' or 'NR' is parameter set to INVITE request is	When the IBCF receives an INVITE request from the own network and a m parameter set to 'BS' or 'NR' is present in the request line and a Call-Info header containing a purpose parameter set to 'call-completion' and a m parameter set to 'BS' or 'NR', ensure that an INVITE request is sent to the other network, the m parameter in the request line and the Call-Info header is present as received from the own network.			
SIP Parameter values		INVITE: Request Line URI;m=BS or m=NR Call-Info: <sip:[any uri]="">;purpose=call-completion; m=BS or m=NR</sip:[any>			
Comments					
Message flows	INVITE Mx	SUT → Apply post test re	lc → INVITE outine		

TP number	IBCF_107_020	Reference	12 [3]		
TSS reference	Exit_Point/scr/ss/othe	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND (P	ICS 7.2.3/12 OR PICS 7.2.3/1	3) AND PICS 7.2.3/20		
Test Purpose name	Support of REFER w	ith Referred-By header and Re	eplaces header		
Test Purpose	a Refer-To header co REFER request is se	When the IBCF receives a REFER request in an active session from the own network and a Refer-To header containing a Replaces header and a Referred-By header is present, a REFER request is sent to the other network containing the Refer-To header and Referred-By header as received from the own network.			
SIP Parameter values		REFER: Refer-To: [any URI];method=invite?Replaces=[any dialogue identifier value] Referred-By: [any URI]			
Comments	An active session is a	An active session is already established.			
Message flows	Mx	lc			
		A session is already established			
	REFER → REFER				
	202 Accepted	←	 202 Accepted 		
		Apply post test ro	outine		

TP number	IBCF 107 020A	Reference	12 [2]
TSS reference	Exit Point/scr/ss/other	1.10.0.0.0	[-]
Selection criteria		.2.3/12 OR PICS 7.2.3/13) AND	NOT PICS 7 2 3/20
Test Purpose name	No support of REFER met	,	3110111007.2.0/20
Test Purpose	- ' '		ssion from the own network the
1 0 0 1 a.i. p 0 0 0		den or 501 Not implemented u	
	the own network.		
SIP Parameter values	REFER:		
		JRI];method=invite?Replaces=[any dialogue identifier valuel
	Referred-By: [a		, ,
Comments	An active session is alread		
Message flows	Mx	SUT	Ic
		A session is already establis	shed
	REFER	→	
	CASE A		
	405 Method not allowed	←	
	CASE B		
	500 Server Internal Error	←	
	CASE C		
	501 Not implemented	←	
	CASE D		
	403 Forbidden	←	
		Apply post test routine	

TP number	IBCF_107_021	Reference	12 [2]			
TSS reference	Exit_Point/scr/ss/other		·			
Selection criteria	PICS 7.1.1/3 AND (PICS 7.2.3	/12 OR PICS 7.2.3/13) AND F	PICS 7.2.3/20			
Test Purpose name	Support of NOTIFY with 'applic	cation/sipfrag' MIME body				
Test Purpose		When the IBCF receives a NOTIFY request from the own network and a sipfrag MIME body is present a NOTIFY is sent to the other network and the sipfrag MIME body is				
	present as received from the o		ic sipilag wiiwi⊏ body is			
SIP Parameter values	NOTIFY:					
	Content-Type: mess	sage/sipfrag				
	SIP/2.0 100 Trying					
	or					
	SIP/2.0 200 OK					
Comments	A active session is already esta	ablished and a REFER reques	st was received from the			
	other network					
Message flows	Mx	SUT	lc			
	A session is already established and REFER was sent					
	NOTIFY NOTIFY					
	200 OK NOTIFY					
		Apply post test routine				

TP number	IBCF_107_022	Reference	12 [2]	
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/13		
Test Purpose name	INVITE containing a recipient-li	ist supported		
Test Purpose	When the IBCF receives an IN			
	recipient-list, ensure that an IN recipient-list is present.	VITE request is sent to the oth	ner network and the received	
SIP Parameter values	INVITE:			
	xml version="1.0"<br <resource-lists <list> <entry uri="[al</th"><th>cation/resource-lists+xml ny URI and session identifier] ny URI and session identifier]</th><th></th></entry></list></resource-lists 	cation/resource-lists+xml ny URI and session identifier] ny URI and session identifier]		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE →	→	INVITE	
	Apply post test routine			

TP number	IBCF_107_023	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/other	ſ			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.3/13			
Test Purpose name	200 OK INVITE contai	ning a 'isfocus' parameter			
Test Purpose	Contact header contai	When the IBCF receives a 200 OK INVITE final response from the other network and the Contact header contains the 'isfocus' URI parameter, ensure that a 200 OK INVITE is sent to the own network and the 'isfocus' parameter is present in the Contact header field.			
SIP Parameter values	200 OK: Contact: <s< th=""><th>ip:[any URI]>;isfocus</th><th></th></s<>	ip:[any URI]>;isfocus			
Comments					
Message flows	Mx INVITE 200 OK INVITE ACK	SUT → ← → Apply post test	Ic → INVITE ← 200 OK INVITE → ACK routine		

TP number	IBCF_107_024	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/other	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	13			
Test Purpose name	INVITE containing a 'isfocus' pa	arameter			
Test Purpose	When the IBCF receives an INVITE request from the own network and the Contact header contains the 'isfocus' URI parameter, ensure that an INVITE request is sent to the other network and the 'isfocus' parameter is present in the Contact header field.				
SIP Parameter values	INVITE:				
	Contact: <sip:[any uri]="">;isfocus</sip:[any>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
		Apply post test routine			

TP number	IBCF_107_025	Reference	12 [2]			
TSS reference	Exit_Point/scr/ss/othe	r				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.3/13				
Test Purpose name	SUBCRIBE for confer	ence event package is supp	ported			
Test Purpose	When the IBCF receives a SUBSCRIBE request from the own network and an Event header is present set to 'conference', ensure that a SUBSCRIBE request is sent to the other network containing the Event header as received from the own network.					
SIP Parameter values	SUBSCRIBE:					
	Event: o	conference				
Comments						
Message flows	Mx	SUT	lc			
		A session is already	established			
	SUBSCRIBE					
	202 Accepted ← 202 Accepted					
	NOTIFY	(← NOTIFY			
	200 OK NOTIFY	→	→ 200 OK NOTIFY			
	Apply post test routine					

TP number	IBCF_107_026	Reference	12 [2]			
TSS reference	Exit_Point/scr/ss/othe	r				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/13 AND PICS 7.2.3/19					
Test Purpose name	NOTIFY for conference event package is supported					
Test Purpose			the other network after the conference			
	package was subscrib	ped containing a conference	info XML MIME body, ensure that a			
		NOTIFY is sent to the own network and the conference info XML MIME body is present				
	as received from the o	other network.				
SIP Parameter values	NOTIFY:					
	Event: conf					
	· ·	n-State: active				
		tion/conference-info+xml:				
		nference-info>				
		entity=[any URI]				
	•	<conference-state></conference-state>				
		<user-count>2<th>unt></th></user-count>	unt>			
		<active>true</active>				
	•	<users></users>				
		<user entity="[any" th="" uri]<=""><th>ny LIDII</th></user>	ny LIDII			
		<pre><endpoint entity="=[a</th"><th>-</th></endpoint></pre>	-			
		<pre></pre> <pre><media <="" id="1" pre=""></media></pre>	·dialled-in joining-method			
			recv			
		Status- Scho	100V Visialus-			
Comments						
Message flows	Mx	SUT	lc			
		A session is already	established			
		Conference notification	າ is subscribed			
	NOTIFY	←	← NOTIFY			
	200 OK NOTIFY	→	→ 200 OK NOTIFY			
		Apply post test	routine			

TP number	IBCF_107_027	Reference	12 [2]		
TSS reference	Exit Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND AND PICS 7	7.2.3/14			
Test Purpose name	Support of INVITE containing a	CUG request			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a CUG XML networkIndicator, cugInterlockBinaryCode, cugCommunicationIndicator body, an INVITE is sent to the other network containing the CUG XML body received from the own network.				
SIP Parameter values	INVITE: Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0" cug networkIndicator [any value]< cugInterlockBinaryCode>[any value]< cugCommunicationIndicator>11<				
Comments					
Message flows	Mx	SUT	lc		
	INVITE →	→	INVITE		
		Apply post test routine			

TP number	IBCF_107_028	Reference	12 [2]	
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/14		
Test Purpose name	Support of INVITE containing a	CUG request		
Test Purpose	When the IBCF receives an INVITE request from the own network containing a CUG XML outgoingAccessRequest, cugIndex body, an INVITE is sent to the other network containing the CUG XML body received from the own network.			
SIP Parameter values	INVITE: Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0" cug cugCallOperation outgoingAccessRequest true< cugIndex>[any value]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	Apply post test routine			

TP number	IBCF 107 029	Reference	12 [2]		
TSS reference	Exit Point/scr/ss/other	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.3/14			
Test Purpose name	No support of INVITE	containing a CUG request			
Test Purpose	When the IBCF receives an INVITE request from the own network containing a CUG XML networkIndicator, cugInterlockBinaryCode, cugCommunicationIndicator body, an INVITE is sent to the other network not containing the CUG XML body received from the own network.				
SIP Parameter values	Content-Dis xml versi<br cug network cugInter	INVITE1: Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0"</td			
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 → INVITE2				
	Apply post test routine				

TP number	IBCF_107_030	Reference	12 [2]	
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/2	14		
Test Purpose name	Support of 403 final response			
Test Purpose	When the IBCF receives a 403 Forbidden final response from the other network upon an INVITE request was sent to the other network containing a CUG request, ensure that the			
	403 final response I sent to the		or request, change that are	
SIP Parameter values	INVITE: Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0" cug networkIndicator [any value]< cugInterlockBinaryCode>[any value]< cugCommunicationIndicator>11<			
Comments				
Message flows	Mx INVITE → 403 Forbidden ←	SUT →	Ic INVITE 403 Forbidden	
	ACK →	`	ACK	

TP number	IBCF_107_031	Reference	12 [2]			
TSS reference	Exit Point/scr/ss/other					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	14				
Test Purpose name	Support of 603 final response					
Test Purpose	When the IBCF receives a 603					
	INVITE request was sent to the		CUG request, ensure that the			
	603 final response I sent to the	own network.				
SIP Parameter values	INVITE:					
		cation/vnd.etsi.cug+xml				
	Content-Disposition:					
	xml version="1.0"</th					
	cug					
		networkIndicator>[any value]<				
	cugInterlockBinaryCode>[any value]<					
	cugCommunicationIndicator>11<					
Comments						
Message flows	Mx SUT Ic					
	INVITE →	→	INVITE			
	603 Decline ←	+	603 Decline			
	ACK →	→	ACK			

TP number	IBCF_107_032	Reference	12 [2]	
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	14		
Test Purpose name	Support of 500 final response			
Test Purpose			esponse from the other network	
	upon an INVITE request was sethat the 500 final response I se		taining a CUG request, ensure	
SIP Parameter values	INVITE:			
	Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0" cug networkIndicator [any value]< cugInterlockBinaryCode>[any value]< cugCommunicationIndicator>11<			
Comments				
Message flows	Mx INVITE → 500 Server Internal Error ← ACK →	SUT → ← →		

TP number	IBCF_107_033	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/15			
Test Purpose name	INVITE containing AO	INVITE containing AOC-S info supported			
Test Purpose		When the IBCF receives an INVITE request from the own (home) network and a AOC-S			
	XML MIME body is pre	esent, ensure that an INVITE	request is sent to the other (visited)		
	network and the AOC-	S XML body is contained as	received from the own network.		
SIP Parameter values	INVITE:				
	, , ,	pe: application/vnd.etsi.aoc+	xml		
	xml version</th <th>on="1.0"</th> <th></th>	on="1.0"			
	aoc				
	aoc-s				
		ged-items			
	С	ommunication-setup			
		basic			
		price-time			
		currency-id .			
		currency-amount			
		length-time-unit			
Comments		charging-type			
Comments	B.d.,	CUT			
Message flows	Mx	SUT	lc		
	INVITE)	→ INVITE		
	100 Trying	← Annly post tost p	autin a		
		Apply post test r	outine		

TP number	IBCF_107_034	Reference	12 [2]	
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/15			
Test Purpose name	183 containing AOC-S info su	oported		
Test Purpose		When the IBCF receives a 183 Session Progress provisional response from the other		
	(home) network and a AOC-S XML MIME body is present, ensure that a 183 Session			
	Progress provisional response		etwork and the AOC-S XML	
	body is contained as received	from the other network.		
SIP Parameter values	183:			
	Content-Type: appl	cation/vnd.etsi.aoc+xml		
	xml version="1.0"</th <th>"</th> <th></th>	"		
	aoc			
	aoc-s			
	charged-items			
	communication-setup			
	basic			
	price-time			
	currency-id			
		currency-amount		
		length-time-unit		
	charging-type			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE -	→	INVITE	
	183 Session Progress ←	· ←	183 Session Progress	
		Apply post test routine		

TP number	IBCF_107_035	Reference	12 [2]		
TSS reference	Exit_Point/scr/ss/other	Exit_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/15			
Test Purpose name	180 containing AOC-S info su	pported			
Test Purpose	When the IBCF receives a 180	When the IBCF receives a 180 Ringing provisional response from the other (home)			
	network and a AOC-S XML M	network and a AOC-S XML MIME body is present, ensure that a 180 Ringing provisional			
	response is sent to the own (v	isited) network and the AOC-S	S XML body is contained as		
	received from the other netwo	rk.	·		
SIP Parameter values	180:				
	Content-Type: appl	ication/vnd.etsi.aoc+xml			
	xml version="1.0</th <th>"</th> <th></th>	"			
	aoc	aoc			
	aoc-s				
	charged-items				
	communication-setup				
	basic				
	price-time				
	currency-id				
		currency-amount			
		length-time-unit			
		charging-type			
Comments					
Message flows	Mx	SUT	lc		
	INVITE -		INVITE		
	180 Ringing ←	·	180 Ringing		
		Apply post test routine			

TP number	IBCF_107_036	Reference	12 [2]	
TSS reference	Exit_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/15		
Test Purpose name	200 OK INVITE containing AOC-S info supported			
Test Purpose	When the IBCF receives a 200	OK INVITE final response from	om the other (home) network	
	and a AOC-S XML MIME body is present, ensure that a 200 OK INVITE final response is			
	sent to the own (visited) netwo	rk and the AOC-S XML body	is contained as received from	
	the other network.			
SIP Parameter values	200 OK:			
		cation/vnd.etsi.aoc+xml		
	xml version="1.0"</th <th></th> <th></th>			
	aoc			
	aoc-s			
	charged-item			
		cation-setup		
	basic			
	price-time			
	currency-id			
		currency-amount		
		length-time-unit		
0		charging-type		
Comments		0.117		
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	180 Ringing ←	-	180 Ringing	
	200 OK INVITE ←	←	200 OK INVITE	
		Apply post test routine		

TP number	IBCF_107_037	Reference	12 [2]	
TSS reference	Exit_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/15			
Test Purpose name	INFO containing AOC-D info su	upported		
Test Purpose	When the IBCF receives a INF	O request from the other (hom	ne) network and a AOC-D	
	XML MIME body is present, en	sure that a INFO request is se	ent to the own (visited)	
	network and the AOC-D XML b	ody is contained as received	from the other network.	
SIP Parameter values	INFO:			
	Content-Type: applic	cation/vnd.etsi.aoc+xml		
	xml version="1.0"</th <th></th> <th></th>			
	aoc			
	aoc-d			
	charging-info			
	recorded-charges			
	recorded-currency-units			
	currency-id			
	currer	ncy-amount		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	INFO ←	+	INFO	
	200 OK INFO →	→	200 OK INFO	
		Apply post test routine		

TP number	IBCF 107 038	Reference	12 [2]		
TSS reference	Exit Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/15			
Test Purpose name	BYE containing AOC-E info su	pported			
Test Purpose	When the IBCF receives a BYE request from the other (home) network containing a AOC-E XML MIME body is present, ensure that the BYE request sent to the own (visited) contains the AOC-D XML MIME body as received from the other network.				
SIP Parameter values	Contains the AOC-D XML MIME body as received from the other network. BYE: Content-Type: application/vnd.etsi.aoc+xml xml version="1.0" aoc aoc-e recorded-charges recorded-currency-units currency-id currency-amount</th				
Comments					
Message flows	Mx	SUT	lc		
	A s	session is already establish	ed		
	BYE ←	+	BYE		
	200 OK BYE →	→	200 OK BYE		

TP number	IBCF_107_039	Reference	12 [2]	
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/15		
Test Purpose name	200 OK BYE containing AOC-E	info supported		
Test Purpose	When the IBCF receives a 200 containing a AOC-E XML MIMI sent to the own (visited) contain network.	E body is present, ensure that	the 200 OK BYE response	
SIP Parameter values	xml version="1.0"<br aoc aoc-e recorded-cha recorded- currer	rges currency-units		
Comments		•		
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE → BYE			
	200 OK BYE ← 200 OK BYE			
	Apply post test routine			

TP number	IBCF_107_040	Reference	12 [2]
TSS reference	Exit_Point/scr/ss/other		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	15	
Test Purpose name	INVITE containing the capabili	ty for network charging is supp	orted
Test Purpose	When the IBCF receives an IN Accept header is set to 'applic other (home) network containing	ation/vnd.etsi.sci+xml' ensure t	that an INVITE is sent to the
SIP Parameter values	INVITE:		
	Accept: application/	vnd.etsi.sci+xml	
Comments			
Message flows	Mx	SUT	Ic
	INVITE -	→	INVITE
	Apply post test routine		

TP number	IBCF_107_041	Reference	12 [2]
TSS reference	Exit_Point/scr/ss/other	•	·
Selection criteria	PICS 7.1.1/3 AND PICS 7	2.1/1 AND PICS 7.2.3/1	5
Test Purpose name	The response code 504 is	supported	
Test Purpose	When the IBCF receives a ensure that the 504 Serve		nal response from the other network, own network.
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
	504 Server Time-out	←	← 504 Server Time-out
	ACK	→	→ ACK

TP number	IBCF 107 042 Reference 12 [2]			
TSS reference	Exit Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16			
Test Purpose name	183 containing a 'crgt' XML element is supported			
Test Purpose	When the IBCF receives a 183 Session Progress provisional response from the other			
	network and a 'sci' XML MIME body is present containing 'crgt' element, ensure that the			
	received 'crgt' XML MIME body is contained in the sent 183 Session Progress to the own			
OID D	network.			
SIP Parameter values	183:			
	Content-Type: application/vnd.etsi.sci+xml			
	Content-Disposition: render; handling=optional			
	xml version="1.0"</th			
	messageType			
	crgt chargingControlIndicators			
	immediateChangeOfActuallyAppliedTariff			
	delayUntilStart			
	tariffCurrency			
	currentTariffCurrency			
	communicationChargeSequenceCurrency			
	currencyFactorScale			
	currencyFactor currencyScale			
	tariffDuration			
	subTariffControl			
	tariffControlIndicators			
	callAttemptChargeCurrency currencyFactor			
	currencyScale			
	callSetupChargeCurrency			
	currencyFactor			
	currencyScale			
	tariffSwitchCurrency			
	nextTariffCurrency			
	communicationChargeSequenceCurrency			
	currencyFactorScale			
	currencyFactor			
	currencyScale			
	tariffDuration			
	subTariffControl			
	tariffControlIndicators callAttemptChargeCurrency currencyFactor			
	currencyScale			
	callSetupChargeCurrency currencyFactor			
	currencyScale			
	tariffSwitchOverTime originationIdentification			
	currency			
Comments				
Message flows	Mx SUT Ic			
	A session is already established			
	INVITE → INVITE			
	183 Session Progress ← 183 Session Progress			
	PRACK → PRACK			
	200 OK PRACK ← 200 OK PRACK			
	Apply post test routine			
	Apply post test routine			

TP number	IBCF 107 043 Reference 12 [2]
TSS reference	Exit Point/scr/ss/other
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16
Test Purpose name	180 containing a 'crgt' XML element is supported
Test Purpose	When the IBCF receives a 180 Ringing provisional response from the other network and a 'sci' XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 180 Ringing to the own network.
SIP Parameter values	180:
	Content-Type: application/vnd.etsi.sci+xml Content-Disposition: render; handling=optional xml version="1.0" messageType crgt chargingControlIndicators immediateChangeOfActuallyAppliedTariff delayUntilStart tariffCurrency currentTariffCurrency communicationChargeSequenceCurrency currencyFactorScale currencyFactor currencyScale tariffDuration subTariffControl tariffControlIndicators callAttemptChargeCurrency currencyFactor currencyFactor currencyFactor callSetupChargeCurrency</th
	currencyFactor currencyScale tariffSwitchCurrency nextTariffCurrency communicationChargeSequenceCurrency currencyFactorScale currencyFactor currencyScale tariffDuration subTariffControl tariffControlIndicators callAttemptChargeCurrency currencyFactor currencyScale callSetupChargeCurrency currencyScale tariffSwitchOverTime originationIdentification currency
Comments	
Message flows	Mx SUT Ic
	A session is already established INVITE 180 Ringing PRACK 200 OK PRACK Apply post test routine

TSS reference Exit Point/scr/ss/other Selection criteria PIGS 7-1.13 AND PIGS 7-2.3/16 Test Purpose name 200 OK containing a 'crgt' XML element is supported When the ISCF receives a 200 OK INVITE final response from the other network and a 'sc' XML MIME body is recent containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 200 OK INVITE to the own network. SIP Parameter values 200 OK Content-Type: application/vnd.etsl.sci+xml Content-Disposition: render; handling=optional xml version="1.0" messageType crgt clargingControlIndicators immediateChangeOfActuallyAppliedTariff delayUntilStart tariffCurrency currentyFactorScale currencyFactor currencyFactor</th <th>TP number</th> <th>IBCF 107 044 Reference 12 [2]</th>	TP number	IBCF 107 044 Reference 12 [2]			
Selection criteria Test Purpose name Test Purpose ame 200 OK containing a 'crgt' XML element is supported When the IBCF receives a 200 OK INVITE final response from the other network and a 'sci' XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 200 OK INVITE to the own network. SIP Parameter values Content-Type: application/vnd.etsi.sci+xml Content-Disposition: render; handling=optional <pre></pre> <pre></pre>	TSS reference				
Test Purpose When the IBCF receives a 200 OK INVITE final response from the other network and a sci*XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 200 OK INVITE to the own network. 200 OK: Content-Type: application/vnd.etsi.sci+xml Content-Disposition: render; handling=optional xml version="1.0" messageType crgt chargingControlIndicators immediateChangec/fActuallyAppliedTariff delayUntilStart tariffCurrency currentTariffCurrency currencyFactor currency</th <th>Selection criteria</th> <th></th>	Selection criteria				
When the IBCF receives a 200 OK INVITE final response from the other network and a 'sci' XML MIME body is present containing 'cgri' element, ensure that the received 'crgi' XML MIME body is contained in the sent 200 OK INVITE to the own network. 200 CC Content-Type: application/vnd.etsi.sci+xml Content-Disposition: render; handling=optional <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre>crgt</pre>					
Content-Type: application/vnd.etsi.sci+xml Content-Disposition: render; handling=optional xml version="1.0" messageType crgt chargingControlIndicators immediateChangeOfActuallyAppliedTariff delayUntilStart tariffCurrency currentTariffCurrency currentTariffCurrency currencyFactor currencyFactor currencyScale tariffDuration subTariffControl tariffControl currencyScale callSetupChargeCurrency currencyFactor currencyFactor currencyFactor currencyFactor currencyFactor currencyScale tariffCurrency communicationChargeSequenceCurrency currencyFactor currencyScale tariffSwitchOverTime originationIdentification currency</th <th>Test Purpose</th> <th>When the IBCF receives a 200 OK INVITE final response from the other network and a 'sci' XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 200 OK INVITE to the own network.</th>	Test Purpose	When the IBCF receives a 200 OK INVITE final response from the other network and a 'sci' XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 200 OK INVITE to the own network.			
Content-Disposition: render; handling=optional <pre><pre><pre><pre><pre><pre>crgt chargingControlIndicators immediateChangeOfActuallyAppliedTariff delayUntilStart tariffCurrency currentTariffCurrency currentTariffCurrency currencyFactorScale currencyFactor currencyScale callSetupChargeCurrency currencyScale tariffCurrency nextTariffCurrency nextTariffCurrency communicationChargeSequenceCurrency currencyFactor currencyFact</pre></pre></pre></pre></pre></pre>	SIP Parameter values				
<pre><?xml version="1.0" messageType crgt chargingControlIndicators immediateChangeOfActuallyAppliedTariff delayUntilStart tariffCurrency currentTariffCurrency currentTariffCurrency currencyFactor currencyFactor currencyScale tariffDuration subTariffControl tariffControlIndicators callAttemptChargeCurrency currencyScale callSetupChargeCurrency currencyScale tariffSwitchCurrency nextTariffCurrency nextTariffCurrency nextTariffCurrency currencyFactor currencyFactor</th><th></th><th></th></pre>					
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Comments		1			
	Comments	Currency			
MICOSAYCHUWS MIX SUI IC	Message flows	Mx SUT Ic			
A session is already established					
INVITE → INVITE					
180 Ringing ← ← 180 Ringing		·····=			
200 OK INVITE ← 200 OK INVITE					
Apply post test routine					

TP number	IBCF 107 045 Reference 12 [2]				
TSS reference	Exit Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16				
Test Purpose name	BYE containing a 'crgt' XML element is supported				
Test Purpose	When the IBCF receives a BYE request from the other network and a 'sci' XML MIME				
_	body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body				
	is contained in the sent BYE request to the own network.				
SIP Parameter values	BYE:				
	Content-Type: application/vnd.etsi.sci+xml				
	Content-Disposition: render; handling=optional				
	xml version="1.0"</th				
	messageType				
	crgt				
	chargingControlIndicators				
	immediateChangeOfActuallyAppliedTariff				
	delayUntilStart				
	tariffCurrency				
	currentTariffCurrency				
	communicationChargeSequenceCurrency				
	currencyFactorScale				
	currencyFactor				
	currencyScale				
	tariffDuration subTariffControl				
	tariffControlIndicators				
	callAttemptChargeCurrency				
	currencyFactor				
	currencyScale				
	callSetupChargeCurrency				
	currencyFactor				
	currencyScale				
	tariffSwitchCurrency				
	nextTariffCurrency				
	communicationChargeSequenceCurrency				
	currencyFactorScale				
	currencyFactor				
	currencyScale				
	tariffDuration				
	subTariffControl tariffControlIndicators callAttemptChargeCurrency currencyFactor currencyScale				
	callSetupChargeCurrency				
	currencyFactor				
	currencyScale				
	tariffSwitchOverTime originationIdentification				
	currency				
Comments	Currency				
Message flows	Mx SUT Ic				
Incoduge nows	A session is already established				
	BYE				
	200 OK BYE → 200 OK BYE				
	1200 ON BIE				

TP number	IBCF 107 046 Reference 12 [2]				
TSS reference	Exit Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16				
Test Purpose name	INFO containing a 'crgt' XML element is supported				
Test Purpose	When the IBCF receives an INFO request from the other network and a 'sci' XML MIME				
l cot i di pose	body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body				
	is contained in the sent INFO request to the own network.				
SIP Parameter values	INFO:				
on randinotor values	Content-Type: application/vnd.etsi.sci+xml				
	Content-Disposition: render; handling=optional				
	xml version="1.0"</th				
	messageType				
	crgt				
	chargingControlIndicators				
	immediateChangeOfActuallyAppliedTariff				
	delayUntilStart				
	tariffCurrency				
	currentTariffCurrency				
	communicationChargeSequenceCurrency				
	currencyFactorScale				
	currencyFactor				
	currencyScale				
	tariffDuration				
	subTariffControl				
	tariffControlIndicators				
	callAttemptChargeCurrency				
	currencyFactor				
	currencyScale				
	callSetupChargeCurrency				
	currencyFactor				
	currencyScale				
	tariffSwitchCurrency				
	nextTariffCurrency				
	communicationChargeSequenceCurrency				
	currencyFactorScale				
	currencyFactor				
	currencyScale				
	tariffDuration subTariffControl tariffControlIndicators callAttemptChargeCurrency currencyFactor				
	currencyScale				
	callSetupChargeCurrency				
	currencyFactor				
	currencyScale				
	tariffSwitchOverTime				
	originationIdentification				
	currency				
Comments					
Message flows	Mx SUT Ic				
	A session is already established				
	INFO ← INFO				
	200 OK INFO → 200 OK INFO				
	Apply post test routine				
I—————————————————————————————————————	I.I. A.I.				

TP number	IBCF_107_047	Reference	12 [2]	
TSS reference	Exit_Point/scr/ss/other		·	
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	16		
Test Purpose name	INFO containing a 'aocrg' XML	element is supported		
Test Purpose	When the IBCF receives an IN		twork and a 'sci' XML MIME	
	body is present containing 'aod	erg' element, ensure that the r	eceived 'aocrg' XML MIME	
	body is contained in the sent II	NFO request to the own netwo	ork.	
SIP Parameter values	INFO:			
	Content-Type: appli	cation/vnd.etsi.sci+xml		
		: render; handling=optional		
	xml version="1.0"</th <th>•</th> <th></th>	•		
	messageType			
	aocrg			
	chargingCon	trollndicators		
	immediateChangeOfActuallyAppliedTariff			
		delayUntilStart		
	addOnCharg			
		nargeCurrency		
	curre	ncyFactorScale		
	currencyFactor			
	currencyScale			
	originationId	entification		
	currency			
Comments			_	
Message flows	Mx	SUT	lc	
	A session is already established			
	INFO ←		INFO	
	200 OK INFO →	-	200 OK INFO	
		Apply post test routine		

6.1.4 Network configuration hiding

6.1.4.1 Registration

TP number	IBCF 108 001	Reference	5.10.2.1, 5.10.4.2 [1]		
TSS reference	Exit Point/nch/reg				
Selection criteria	PICS 7.2.1/1 AND PIC	S 7.1.1/1			
Test Purpose name	Encryption of Via head	er field			
Test Purpose			om within its own network, it shall		
	encrypt the all Via hea	ader fields identifying the net	work entities. All received Via header		
	entries are result in one	e encrypted Via header field.			
SIP Parameter values	REGISTER 1:VIA: SIP	/2.0/[transport] [any URI 1];b	ranch=[any]		
		VIA: SIP/2.0/[transport] [any URI 2];branch=[any]			
		VIA: SIP/2.0/[transport] [user URI] ;branch=[any]			
	REGISTER 2: VIA: SIP/2.0/[transport] [URI of IBCF],				
	SIP/2.0/[transport] Token(SIP/2.0/[transport] [any URI 1];branch=[any],				
	(SIP/2.0/[transport] [any URI 2];branch=[any];				
	tokenized-by=[any host],				
		SIP/2.0	/[transport] [user URI] ;branch=[any]		
Comments					
Message flows	Mx	SUT	lc		
	REGISTER 1	→	→ REGISTER 2		
	200 OK (REGISTER)	←	← 200 OK (REGISTER)		
	Apply post test routine				

TP number	IBCF_108_002	Reference	5.10.2.1, 5.10.4.2 [1]	
TSS reference	Exit_Point/nch/reg			
Selection criteria	PICS 7.2.1/1 AND PICS 7.1.1/	1		
Test Purpose name	Encryption of Path header field			
Test Purpose		When an IBCF receives SIP REGISTER request from within its own network, it shall add its own routable SIP URI to the top of the Path header The received Path entries are		
SIP Parameter values	REGISTER 1: Path: <sip:[any 1]="" uri=""> REGISTER 2: Path: <sip:[uri ibcf="" of="" tokenized-by="[ar</th"><th>]>;lr , sip:Token(<sip:[any th="" uri<=""><th>1]>;lr, <sip:[any 2]="" uri="">;lr),</sip:[any></th></sip:[any></th></sip:[uri></sip:[any>]>;lr , sip:Token(<sip:[any th="" uri<=""><th>1]>;lr, <sip:[any 2]="" uri="">;lr),</sip:[any></th></sip:[any>	1]>;lr, <sip:[any 2]="" uri="">;lr),</sip:[any>	
Comments				
Message flows	Mx REGISTER 1 → 200 OK (REGISTER)	SUT → ← Apply post test routine	Ic REGISTER 2 200 OK (REGISTER)	

TP number	IBCF_108_003	Reference	5.10.2.1, 5.10.4.3 [1]		
TSS reference	Exit_Point/nch/reg	Exit Point/nch/reg			
Selection criteria	PICS 7.2.1/1 AND PICS 7.1.1/	1			
Test Purpose name	Decryption of Via header field				
Test Purpose	When an IBCF receives SIP 20				
	move the topmost Via header	and decrypt the all Via heade	r fields identifying the		
	network entities.				
SIP Parameter values	200 OK 1: VIA: SIP/2.0/[transp				
	SIP/2.0/[transport] Token(SIP/2.0/[transport] [any URI 1];branch=[any],				
	(SIP/2.0/[transport] [any URI 2];branch=[any];				
	tokenized-by=[any host],				
	SIP/2.0/[transport] [URI user];branch=[any]				
	200 OK 2: VIA: SIP/2.0/[transp				
	SIP/2.0/[transport] [any URI 1];branch=[any],				
	SIP/2.0/[transp	ort] [user URI];branch=[any]			
Comments					
Message flows	Mx	SUT	lc		
	REGISTER →	→	REGISTER		
	200 OK (REGISTER) 2 ←	←	200 OK (REGISTER) 1		
	Apply post test routine				

TP number	IBCF_108_004	Reference	5.10.2.1, 5.10.4.3 [1]		
TSS reference	Exit_Point/nch/reg				
Selection criteria	PICS 7.2.1/1 AND PICS 7.1.1/	1			
Test Purpose name	Decryption of Path header field	d			
Test Purpose		When an IBCF receives SIP 200 OK REGISTER response from the other network, it shall remove its own routable SIP URI from the top of the Path header The received Path header entries are decrypted .			
SIP Parameter values	200 OK 1: Path: <sip:[uri ibcf]="" of="">;lr, sip:Token(<sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr), tokenized-by=[any host] 200 OK 2: Path: <sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr</sip:[any></sip:[any></sip:[any></sip:[any></sip:[uri>				
Comments					
Message flows	Mx REGISTER → 200 OK (REGISTER) 1	SUT → ← Apply post test routine	Ic REGISTER 200 OK (REGISTER) 1		

6.1.4.2 Basic call requirements

TP number	IBCF 109 001	Reference	5.10.2.2 2B), 5.10.4.2 [1]		
TSS reference	Exit Point/nch/bcall	•			
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Encrypt all Via heade	ers in the initial INVITE			
Test Purpose	encrypts all received	When an IBCF receives an initial SIP INVITE request from within its own network it encrypts all received Via header URIs except the one of the IBCF prior to forwarding the request. All received Via header entries are result in one encrypted Via header field.			
SIP Parameter values	INVITE1: VIA: SIP/2 VIA: SIP/2 VIA: SIP/2 INVITE2: VIA: SIP/2	Do/[transport] [any URI 1];brar Do/[transport] [any URI 2];brar Do/[transport] [user URI] ;bran Do/[transport] [URI of IBCF], Do/[transport] Token(SIP/2.0/[(SIP/2.0/[tokenized	nch=[any] nch=[any]		
Comments	TP IMST2 IC INI 0		17		
Message flows	Mx INVITE1 100 Trying	SUT → ← Apply post test r	IC → INVITE2		

TP number	IBCF_109_002	Reference	5.10.2.2, 2B), 5.10.4.3 [1]	
TSS reference	Exit Point/nch/bcall			
Selection criteria	PICS 7.1.1/1			
Test Purpose name	Decrypt the received Via heade	er in the 180 Ringing		
Test Purpose	When an IBCF receives a 180			
	forwarded initial INVITE reques		is required it shall decrypt	
	the Via header URIs when forw	varding to the own network.		
SIP Parameter values	180 1: VIA: SIP/2.0/[transport]			
	SIP/2.0/[transport]	Token(SIP/2.0/[transport] [any		
		(SIP/2.0/[transport] [any		
	tokenized-by=[any host],			
	SIP/2.0/[transport] [URI user];branch=[any]			
	180 2: VIA: SIP/2.0/[transport] [any URI 1];branch=[any],			
	SIP/2.0/[transport] [any URI 1];branch=[any],			
	SIP/2.0/[transport] [user URI];branch=[any]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	180 Ringing 2 ←	-	180 Ringing 1	
		Apply post test routine		

TP number	IBCF_109_003	Reference	5.10.2.2 2B), 5.10.4.3 [1]			
TSS reference	Exit_Point/nch/bcall	Exit Point/nch/bcall				
Selection criteria	PICS 7.1.1/1					
Test Purpose name	Decrypt the received \	ia header in the 200 OK INVI	ΓΕ			
Test Purpose			onse from the other network to a			
			gy hiding is required it shall decrypt			
		hen forwarding to the own ne	work.			
SIP Parameter values		ansport] [URI of IBCF],				
	SIP/2.0/[tra		oort] [any URI 1];branch=[any],			
			ort] [any URI 2];branch=[any];			
		tokenized-by=[a	•			
		SIP/2.0/[transp	ort] [URI user];branch=[any]			
		200 2: VIA: SIP/2.0/[transport] [any URI 1];branch=[any],				
	SIP/2.0/[transport] [any URI 1];branch=[any],					
	SIP/2.0/[transport] [user URI];branch=[any]					
Comments	IUT configured for topology hiding					
	TP_IMST2_IC_INI_03					
Message flows	Mx	SUT	Ic			
	INVITE	→	→ INVITE			
	180 Ringing	←	 180 Ringing 			
	200 OK INVITE2	←	← 200 OK INVITE1			
	ACK	→	→ ACK			
		Apply post test routine				

TP number	IBCF_109_004	Reference	5.10.2.2 2B), 5.10.4.2 [1]		
TSS reference	Exit_Point/nch/bcall	Exit Point/nch/bcall			
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Encrypt all Via headers in the	ACK			
Test Purpose	When an IBCF receives an AG	CK request from within its	own network it encrypts all		
			rior to forwarding the request. All		
SIP Parameter values	ACK 1: VIA: SIP/2.0/[transposed via: SIP/2.0/[VIA: SIP/2.0/[transport] [any URI 2];branch=[any] VIA: SIP/2.0/[transport] [user URI] ;branch=[any]			
Comments					
Message flows	Mx	SUT	lc		
	INVITE 3		→ INVITE		
	180 Ringing		← 180 Ringing		
	200 OK INVITE		€ 200 OK INVITE		
	ACK 1		→ ACK 2		
		Apply post test routing	10		

TP number	IBCF 109 005	Reference	5.10.2.3 4), 5.10.4.2 [1]	
TSS reference	Exit Point/nch/bcall		,, []	
Selection criteria	PICS 7.1.1/1			
Test Purpose name	Encrypt all Via headers in the E	BYE		
Test Purpose	When an IBCF receives an SIF	BYE request from within its	own network and subsequent	
-	to an initial request it shall add	its own URI as the topmost V	ia header and encrypt all	
	other Via header prior to forwa	rding the request to other net	works. All received Via	
	header entries are result in one	e encrypted Via header field.		
SIP Parameter values	BYE: 1: VIA: SIP/2.0/[transp	ort] [any URI 1];branch=[any]		
	VIA: SIP/2.0/[transp	ort] [any URI 2];branch=[any]		
	VIA: SIP/2.0/[transp	ort] [user URI] ;branch=[any]		
	BYE 2: VIA: SIP/2.0/[transp	ort] [URI of IBCF],		
	SIP/2.0/[transport] Token(SIP/2.0/[transport] [any URI 1];branch=[any],			
	(SIP/2.0/[transport] [any URI 2];branch=[any];			
	tokenized-by=[any host],			
		SIP/2.0/[transport] [user URI] ;branch=[any]	
Comments	IUT configured for topology hid	ing		
	TP_IMST2_IC_SUB_01			
Message flows	Mx	SUT	lc	
	A confirm	ned dialogue is already esta	ablished	
	BYE 1 →	· →	BYE 2	
	200 OK BYE ←	←	200 OK BYE	

TP number	IBCF_109_006	Reference	5.10.2.3, 5.10.4.3 [1]		
TSS reference	Exit Point/nch/bcall				
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Decrypt the received Via head	er in the 200 OK BYE			
Test Purpose	When an IBCF receives a 200	OK BYE response from the o	ther network to a forwarded		
	Bye request and network topol	ogy hiding is required it shall	decrypt the Via header URIs		
	when forwarding to the own ne	twork.			
SIP Parameter values	200 1: VIA: SIP/2.0/[transport]				
	SIP/2.0/[transport]	Token(SIP/2.0/[transport] [an			
		(SIP/2.0/[transport] [an	y URI 2];branch=[any];		
		tokenized-by=[any host],			
	SIP/2.0/[transport] [URI user];branch=[any]				
	200 2: VIA: SIP/2.0/[transport] [any URI 1];branch=[any],				
	SIP/2.0/[transport] [any URI 1];branch=[any],				
	SIP/2.0/[transport] [user URI];branch=[any]				
Comments					
Message flows	Mx SUT Ic				
	A confirmed dialogue is already established				
	BYE →	→	BYE		
	200 OK BYE 2 ←	+	200 OK BYE 1		

TP number	IBCF 109 007	Reference	5.10.2.2 3) 4), 5.10.4.2 [1]	
TSS reference	Exit Point/nch/bcall			
Selection criteria	PICS 7.1.1/1			
Test Purpose name	Encrypt all Via headers in the 0	CANCEL		
Test Purpose	When an IBCF receives an SIF	CANCEL request from within	n its own network and	
	subsequent to an initial reques	t it shall add its own URI as th	e topmost Via header and	
	encrypt all other Via header pri			
	Via header entries are result in	one encrypted Via header fie	ld.	
SIP Parameter values	CANCEL: 1: VIA: SIP/2.0/[tra			
		nsport] [any URI 2];branch=[a		
		nsport] [user URI] ;branch=[ar	ny]	
	CANCEL 2: VIA: SIP/2.0/[transport] [URI of IBCF],			
	SIP/2.0/[transport] Token(SIP/2.0/[transport] [any URI 1];branch=[any],			
	(SIP/2.0/[transport] [any URI 2];branch=[any];			
	tokenized-by=[any host],			
	SIP/2.0/[transport] [user URI] ;branch=[any]			
Comments	IUT configured for topology hid	ling		
	TP_IMST2_IC_SUB_01			
Message flows	Mx	SUT	Ic	
	An early dialogue is already established			
	CANCEL 1 →	→	CANCEL 2	
	200 OK CANCEL ←	+	200 OK CANCEL	
		Apply post test routine		

TP number	IBCF_109_008	Reference	5.10.2.3 4), 5.10.4.3 [1]		
TSS reference	Exit_Point/nch/bcall	Exit Point/nch/bcall			
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Decrypt the received Via head	er in the 200 OK CANCEL			
Test Purpose	When an IBCF receives a 200				
	forwarded Bye request and ne		red it shall decrypt the Via		
	header URIs when forwarding	to the own network.			
SIP Parameter values	200 1: VIA: SIP/2.0/[transport]				
	SIP/2.0/[transport]	Token(SIP/2.0/[transport] [an			
		(SIP/2.0/[transport] [an			
		tokenized-by=[any hos			
	SIP/2.0/[transport] [URI user];branch=[any]				
	200 2: VIA: SIP/2.0/[transport] [any URI 1];branch=[any],				
	SIP/2.0/[transport] [any URI 1];branch=[any],				
	SIP/2.0/[transport] [user URI];branch=[any]				
Comments					
Message flows	Mx	SUT	lc		
	An early dialogue is already established				
	CANCEL -	→	CANCEL		
	200 OK CANCEL 2	+	200 OK CANCEL 1		
		Apply post test routine			

TP number	IBCF_109_009	Reference	5.10.2.3 1) 3), 5.10.4.2 [1]	
TSS reference	Exit_Point/nch/bcall			
Selection criteria	PICS 7.1.1/1			
Test Purpose name	Encrypt all Via headers in the	MESSAGE		
Test Purpose	When an IBCF receives a SIP request other than a SIP REGISTER or SIP INVITE in a standalone transaction from within its own network, it shall add its own URI as the topmost Via header and encrypt all other Via header prior to forwarding the request to other networks. All received Via header entries are result in one encrypted Via header field.			
SIP Parameter values	VIA: SIP/2.0/[tra MESSAGE 2: VIA: SIP/2.0/[tra	Insport] [any URI 2];branch=[a Insport] [user URI] ;branch=[ar Insport] [URI of IBCF], Insport] Token(SIP/2.0/[transport] (SIP/2.0/[transport] tokenized-by=[a	ny] ny] ort] [any URI 1];branch=[any], ort] [any URI 2];branch=[any];	
Comments	TP_IMST2_IC_STA_01			
Message flows	Mx	SUT	lc	
	MESSAGE 1 →	· -	MESSAGE 2	
	200 OK MESSAGE	·	200 OK MESSAGE	

TP number	IBCF 109 010	Reference		5.10.2.3 1) 3), 5.10.4.2 [1]		
TSS reference	Exit Point/nch/bcall	Exit Point/nch/bcall				
Selection criteria	PICS 7.1.1/1					
Test Purpose name	Encrypt all Via headers in	the target refresh INVITE				
Test Purpose	When an IBCF receives a from within its own netwo the Via header and encry	When an IBCF receives a target refresh request or periodic refreshment of the session from within its own network it shall respond with a SIP 100 response, add its own URI to the Via header and encrypt all other Via headers prior to forwarding the request to other networks. All received Via header entries are result in one encrypted Via header field.				
SIP Parameter values	INVITE1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any] VIA: SIP/2.0/[transport] [any URI 2];branch=[any] VIA: SIP/2.0/[transport] [user URI] ;branch=[any] INVITE2: VIA: SIP/2.0/[transport] [URI of IBCF], SIP/2.0/[transport] Token(SIP/2.0/[transport] [any URI 1];branch=[any], (SIP/2.0/[transport] [any URI 2];branch=[any]; tokenized-by=[any host],					
Comments	SIP/2.0/[transport] [user URI] ;branch=[any] IUT configured for topology hiding TP_IMST2_IC_TAR_01					
Message flows	Mx					
	A confirmed di	A confirmed dialogue is already established from the own network				
	INVITE1	→				
	100 Trying	←	→	INVITE2		
	200 OK INVITE	←	←	200 OK INVITE		
	ACK	→	→	ACK		

TP number	IBCF_109_011	Reference	5.10.2.3, 5.10.4.3 [1]	
TSS reference	Exit_Point/nch/bcall			
Selection criteria	PICS 7.1.1/1			
Test Purpose name	Decrypt the received Via head	er in the target refresh 200 OF	(INVITE	
Test Purpose	When an IBCF receives a 200	OK INVITE final response up	on a target refresh request or	
	periodic refreshment of the ses	sion from the other network to	o a forwarded reINVITE	
	request and network topology I		pt the Via header URIs when	
	forwarding to the own network.			
SIP Parameter values	200 1: VIA: SIP/2.0/[transport]			
	SIP/2.0/[transport]	Token(SIP/2.0/[transport] [any		
		(SIP/2.0/[transport] [any		
		tokenized-by=[any host		
	SIP/2.0/[transport] [URI user];branch=[any]			
	200 2: VIA: SIP/2.0/[transport] [any URI 1];branch=[any],			
	SIP/2.0/[transport] [any URI 1];branch=[any],			
	SIP/2.0/[transport] [user URI];branch=[any]			
Comments	IUT configured for topology hiding			
	TP_IMST2_IC_INI_03	OUT		
Message flows	Mx	SUT	lc .	
	A confirmed dialogue is already established from the own network			
	INVITE -	→	INVITE	
	200 OK INVITE2 ←	-	200 OK INVITE1	
	ACK → ACK			
		Apply post test routine		

TP number	IBCF_109_012	Reference	5.10.2.3, 5.10.4.2 [1]		
TSS reference	Exit_Point/nch/bcall				
Selection criteria	PICS 7.1.1/1	PICS 7.1.1/1			
Test Purpose name	Encrypt all Via headers in the	target refresh ACK			
Test Purpose	When an IBCF receives an AC	K request upon a target refres	sh request or periodic		
	refreshment of the session from				
	URIs except the one of the IBC		est. All received Via header		
	entries are result in one encryp	oted Via header field.			
SIP Parameter values		ort] [any URI 1];branch=[any]			
		ort] [any URI 2];branch=[any]			
		ort] [user URI] ;branch=[any]			
	ACK 2: VIA: SIP/2.0/[transport] [URI of IBCF],				
	SIP/2.0/[transport] Token(SIP/2.0/[transport] [any URI 1];branch=[any],				
	(SIP/2.0/[transport] [any URI 2];branch=[any];				
	tokenized-by=[any host],				
_	SIP/2.0/[transport] [user URI] ;branch=[any]				
Comments	<u> </u>	0.17			
Message flows	Mx	SUT	lc		
	A confirmed dialogue is already established from the own network				
	INVITE	→	INVITE		
	200 OK INVITE ←		200 OK INVITE		
	ACK 1 →		ACK 2		
		Apply post test routine			

TP number	IBCF_109_013	Reference	5.10.2.2 3), 5.10.4.2 [1]		
TSS reference	Exit_Point/nch/bcall				
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Encrypt all Record-R	oute headers in the initial INVI	TE		
Test Purpose	encrypts all received forwarding the reques	When an IBCF receives an initial SIP INVITE request from within its own network it encrypts all received Record-Route header URIs except the one of the IBCF prior to forwarding the request. All received Record-Route header entries are result in one encrypted Record-Route header field.			
SIP Parameter values		INVITE1: Record-Route: <sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr INVITE2: Record-Route: <sip:[uri ibcf]="" of="">;lr, sip:Token(<sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr), tokenized-by=[any host]</sip:[any></sip:[any></sip:[uri></sip:[any></sip:[any>			
Comments					
Message flows	Mx INVITE1 100 Trying	SUT → ← Apply post test re	ic → INVITE2 outine		

TP number	IBCF_109_014	Reference	5.10.2.2 3), 5.10.4.3 [1]			
TSS reference	Exit_Point/nch/bcall					
Selection criteria	PICS 7.1.1/1					
Test Purpose name	Decrypt the received	Record-Route header in the 1	80 Ringing			
Test Purpose	forwarded initial INVIT	When an IBCF receives a 180 Ringing provisional response from the other network to a forwarded initial INVITE request and network topology hiding is required it shall decrypt				
CID Developed		ader URIs when forwarding to	tne own network.			
SIP Parameter values		180 1: Record-Route: <sip:[uri ibcf]="" of="">;lr,</sip:[uri>				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→	→ INVITE			
	180 Ringing 2	←	← 180 Ringing 1			
		Apply post test routine				

TP number	IBCF_109_015	Reference	5.10.2.2 3), 5.10.4.3 [1]		
TSS reference	Exit_Point/nch/bcall				
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Decrypt the received Record-I	Route header in the 200 OK IN	IVITE		
Test Purpose	forwarded initial INVITE reque	When an IBCF receives a 200 OK INVITE final response from the other network to a forwarded initial INVITE request and network topology hiding is required it shall decrypt the Record-Route header URIs when forwarding to the own network.			
SIP Parameter values	200 OK 1: Record-Route: <sip:[uri ibcf]="" of="">;lr, sip:Token(<sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr), tokenized-by=[any host] 200 OK 2: Record-Route: <sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr</sip:[any></sip:[any></sip:[any></sip:[any></sip:[uri>				
Comments			•		
Message flows	Mx INVITE 180 Ringing 200 OK INVITE2 ACK	• •	Ic INVITE 180 Ringing 200 OK INVITE1 ACK		

TP number	IBCF_109_016	Reference	5.10.2.3 4), 5.10.4.2 [1]		
TSS reference	Exit_Point/nch/bcall				
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Encrypt all Route headers in the	ne ACK			
Test Purpose	received Route header URIs is	When an IBCF receives an ACK request from within its own network it encrypts all received Route header URIs identifying entities in the own network except the one of the IBCF prior to forwarding the request. All received Route header entries are result in one encrypted Route header field.			
SIP Parameter values		ACK 1: Route: <sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr ACK 2: Route: <sip:[any 1]="" uri="">;lr, sip:Token(<sip:[any 2]="" uri="">;lr), tokenized-by=[any host]</sip:[any></sip:[any></sip:[any></sip:[any>			
Comments		URI 1 represents an entity in the other network URI 2 represents an entity in the own network			
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE ← ACK 1 →	• •	Ic INVITE 180 Ringing 200 OK INVITE ACK 2		

TP number	IBCF_109_017	Reference	5.10.2.3 4), 5.10.4.2 [1]		
TSS reference	Exit_Point/nch/bcall	Exit Point/nch/bcall			
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Encrypt all Route headers in th	ne reINVITE			
Test Purpose	When an IBCF receives an additional SIP INVITE request from within its own network it encrypts all received Route header URIs identifying entities in the own network except the one of the IBCF prior to forwarding the request. All received Route header entries are result in one encrypted Route header field.				
SIP Parameter values	INVITE1: Record-Route: <sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr INVITE2: Record-Route: <sip:[any 1]="" uri="">;lr, sip:Token(<sip:[any 2]="" uri="">;lr), tokenized-by=[any host]</sip:[any></sip:[any></sip:[any></sip:[any>				
Comments	URI 1 represents an entity in the URI 2 represents an entity in the				
Message flows	Mx SUT Ic				
	A confirmed dialogue is already established				
	INVITE1 →	→	INVITE2		
	Apply post test routine				

6.1.5 Application level gateway

6.1.5.1 Treatment of SIP signalling

TP number	IBCF_110_001	Reference	5.10.5 [1],
			16.3 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	URI scheme in INVTE unkr	nown	
Test Purpose		e that it does not understa	from the own network with a nd, sends an Unsupported URI ure response.
SIP Parameter values	INVITE: Request line got	:[any URI]	
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	
	416 Unsupported URI Sche	eme 🗲	
	ACK	→	

TP number	IBCF_110_002	Reference	5.10.5 [1],
			16.3 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards set to 0 in	INVITE received	
Test Purpose			est from the own network including a hops (483 Too many hops) request
SIP Parameter values	INVITE: Max-Forwards	s: 0	
Comments			
Message flows	Mx INVITE 483 Too many hops ACK	SUT → ← →	Ic

TP number	IBCF_110_003	Reference	5.10.5 [1],		
			16.6 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Max-Forwards header decre	ased by one in INVITE			
Test Purpose		Ensure that the IBCF on receipt of an INVITE request from the own network including a Max-Forwards header set to 5, forwards it to the other network after having decreasing this counter of one			
SIP Parameter values	INVITE1: Max-Forwards: 5 INVITE2: Max-Forwards: 4				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1	→	INVITE2		
	Apply post test routine				

TP number	IBCF_110_004	Reference	5.10.5 [1],
			16.6 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards header not re-	ceived in INVITE	
Test Purpose		ipt of an INVITE request from t rds it to the other network after le value set to 70.	
SIP Parameter values	INVITE1: INVITE2: Max-Forwards: 70		
Comments			
Message flows	Mx INVITE1 -	SUT → Apply post test routine	Ic INVITE2

TP number	IBCF_110_007	Reference		5.10.5 [1],		
				16.3 [19]		
TSS reference	Exit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2					
Test Purpose name	URI scheme in CANCEL unknown	own				
Test Purpose		Ensure that the IBCF on receipt of a CANCEL request from the own network with a Request-URI with a scheme that it does not understand, sends an Unsupported URI				
	Scheme (416 Unsupported UR					
SIP Parameter values	CANCEL: Request line got:[ar	ny URI]				
Comments						
Message flows	Mx	SUT		lc		
	INVITE	→	→	INVITE		
	180 Ringing	←	←	180 Ringing		
	CANCEL	→				
	416 Unsupported URI Scheme	e ←				
	Apply post test routine					

TP number	IBCF_110_008	Reference	5.10.5 [1],
			16.3 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards set to 0 ir	n CANCEL received	
Test Purpose			quest from the own network including a ry hops (483 Too many hops) request
SIP Parameter values	CANCEL: Max-Forward:	s: 0	
Comments			
Message flows	Mx INVITE 180 Ringing CANCEL 483 Too many hops	SUT ← Apply post test	Ic → INVITE ← 180 Ringing
		Apply post test	routine

TP number	IBCF_110_009	Reference	5.10.5 [1], 16.6 [19]
TSS reference	Exit Point/alg/sip		10.0 [13]
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards header	not received in CANCEL	
Test Purpose	Max-Forwards header,	on receipt of a CANCEL required forwards it to the other netwith the value set to 70.	uest from the own network, without a work after having added a
SIP Parameter values	CANCEL 1: CANCEL 2: Max-Forwar	ds: 70	
Comments			
Message flows	Mx INVITE 180 Ringing CANCEL 1	SUT → ← → Apply post test i	Ic → INVITE ← 180 Ringing → CANCEL 2

TP number	IBCF_110_010	Reference	5.10.5 [1],		
			16.3 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	URI scheme in Bye unknown				
Test Purpose	Ensure that the IBCF on receipt of a BYE request from the own network with a				
	Request-URI with a scheme that it does not understand, sends an Unsupported URI				
	Scheme (416 Unsupported UF	RI Scheme) request failure res	ponse to the own network.		
SIP Parameter values	BYE: Request line got:[any U	IRI]			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	→			
	416 Unsupported URI Scheme	e ←			
		Apply post test routine			

TP number	IBCF_110_011	Reference	5.10.5 [1],			
			16.3 [19]			
TSS reference	Exit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2					
Test Purpose name	Max-Forwards set to 0 in B	E received				
Test Purpose		eipt of a BYE request from the				
		Max-Forwards header set to 0, sends a Too many hops (483 Too many hops) request				
	failure response to the own	network.				
SIP Parameter values	BYE:					
	Max-Forwards: 0					
Comments						
Message flows	Mx	SUT	lc			
		A session is already establish	ed			
	BYE	→				
	483 Too many hops	←				
	, , , , ,	Apply post test routine				

TP number	IBCF 110 012	Reference	5.10.5 [1],	
			16.6 [19]	
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Max-Forwards header	decreased by one in BYE		
Test Purpose			om the own network including a ner network after having decreasing	
SIP Parameter values	BYE 1: Max-Forwar BYE 1: Max-Forwar			
Comments				
Message flows	Mx	SUT	lc	
		A session is already e	stablished	
	BYE 1	→	→ BYE 2	
	Apply post test routine			

TP number	IBCF_110_013	Reference	5.10.5 [1],		
			16.6 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Max-Forwards header	not received in BYE			
Test Purpose	Ensure that the IBCF	on receipt of a BYE request, w	vithout a Max-Forwards header,		
	forwards it after having	g added a Max-Forwards head	der with the value set to 70.		
SIP Parameter values	BYE 1:				
	BYE 2:				
	Max-Forwards:	70			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE 1	→	→ BYE 2		
	Apply post test routine				

TP number	IBCF_110_014	Reference	5.10.5 [1],			
			16.6, 19.1.1.1 [19]			
TSS reference	Exit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2					
Test Purpose name	Not allowed Request line URI	parameter in INVITE				
Test Purpose	Ensure that the IBCF on receipt of an INVITE request from the own network with the Request-URI containing a not allowed parameter, removes or ignore this parameter from the Request-URI before forwarding that message to the other network.					
SIP Parameter values	INVITE1: Request line [URI] ;UnsupportedToken=UnsupportedValue INVITE: Request line [URI] Or INVITE: Request line [URI] :UnsupportedToken=UnsupportedValue					
Comments						
Message flows	Mx	SUT	lc			
	INVITE1 -	· -	INVITE2			
	Apply post test routine					

TP number	IBCF 110 0°	16	Reference		5.10.5 [1],
					16.6, 19.1.1 [19]
TSS reference	Exit_Point/alg	g/sip			
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Not allowed F	Request line URI	parameter in CANC	EL	
Test Purpose					the own network with the
			allowed parameter, ding that message		or ignore that parameter from er network.
SIP Parameter values	CANCEL 2: Or	Request line [UF	RI] ;UnsupportedTo RI] RI] ;UnsupportedTo		
Comments			1,		P.F
Message flows	M	x	SUT		Ic
	INVITE	→		→	INVITE
	180 Ringing	←		←	180 Ringing
	CANCEL 1	→		→	CANCEL 2
			Apply post test	routine	

TP number	IBCF_110_017	Reference	5.10.5 [1],		
			16.6, 19.1.1 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Not allowed Request line URI	parameter in BYE			
Test Purpose	Ensure that the IBCF on receip				
	Request-URI containing a not				
	the Request-URI before forwar	ding that message to the othe	r network.		
SIP Parameter values	BYE 1:Request line [URI] ;UnsupportedToken=UnsupportedValue				
	BYE 2:Request line [URI]				
	Or				
	BYE 2:Request line [URI] ;UnsupportedToken=UnsupportedValue				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE 1 →	→	BYE 2		
	Apply post test routine				

TP number	IBCF_110_018	Reference	е	5.10.5 [1],	
				16.7 [19]	
TSS reference	Exit_Point/alg/si	p			
Selection criteria	PICS 7.1.1/2				
Test Purpose name	200 OK does no	t match an existing trans	action		
Test Purpose	Ensure that the IBCF, on receipt of a Success (200 OK INVITE) response from the other network that does not match to an existing client transaction with a single Via header, does not forward the message.				
SIP Parameter values	200 OK INVITE:	Cseq: [any value] NOT	IFY		
Comments					
Message flows	Mx		SUT	Ic	
	INVITE	→	→	INVITE	
	180 Ringing	←	←	180 Ringing	
			←	200 OK	
		Apply post test routine			

TP number	IBCF_110_019	Reference		5.10.5 [1], 17.1.1.2 [19]
TSS reference	Exit Point/alg/sip	<u>.</u>		·
Selection criteria	PICS 7.1.1/2			
Test Purpose name	The transaction enters	s in the Proceeding stat	te when 100 w	as received
Test Purpose		g) response from the ot		in the Calling state, on receipt nters in the Proceeding state.
SIP Parameter values				
Comments				
Message flows	INVITE Mx	SU →	T → ←	IC INVITE 100 Trying
		Apply post	test routine	

TP number	IBCF_110_020	Reference	5.10.5 [1],		
			17.1.1.2 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	The transaction enters in the	e Proceeding state when 183 w	as received		
Test Purpose		an INVITE client transaction is Session Progress) response fro IVITE is not repeated.			
SIP Parameter values					
Comments					
Message flows	Mx INVITE 183 Session Progress	SUT → → ← ←	Ic INVITE 183 Session Progress		
	Apply post test routine				

TP number	IBCF_110_021	Refe	rence		5.10.5 [1], 17.1.1.2 [19]
TSS reference	Exit_Point/alg/sip	•			• •
Selection criteria	PICS 7.1.1/2				
Test Purpose name	The transaction enter	s in the Proce	eding state when	180 wa	as received
Test Purpose		ging) response			in the Calling state, on receipt enters in the Proceeding
SIP Parameter values		•			
Comments					
Message flows	Mx INVITE 180 Ringing	→	SUT	→	Ic INVITE 180 Ringing
	Apply post test routine				

TP number	IBCF_110_022	Reference	5.10.5 [1],			
			17.1.1.1 [19]			
TSS reference	Exit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PIC	CS 7.2.4/1				
Test Purpose name	UDP Timeout timer A	the INVITE is repeated				
Test Purpose			at the IBCF, when an INVITE client			
	transaction is in the C	transaction is in the Calling state repeats its INVITE request to the other network on the				
	timeout condition of til	mer A set with a value of T1				
SIP Parameter values						
Comments						
Message flows	Mx	SUT	lc			
	INVITE	→ Start A (T1)	→ INVITE			
		Timeout A	→ INVITE			
		Apply post test	routine			

TP number	IBCF_110_023	Reference	5.10.5 [1],		
			17.1.1.1 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/2			
Test Purpose name	TCP Timeout timer A the INVI	TE is not repeated			
Test Purpose		used, ensure that the IBCF, wate does not repeat its INVITE her A set with a value of T1.			
SIP Parameter values					
Comments					
Message flows	INVITE **	SUT Start A (T1) →	Ic INVITE		
		Timeout A			
	Apply post test routine				

TP number	IBCF_110_024	Reference		5.10.5 [1],	
				17.1.1.1 [1 :	9]
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS	S 7.2.4/1			
Test Purpose name	UDP Second timeout til	mer A the INVITE is repeated	d		
Test Purpose	transaction is in the Ca	rt (UDP) is used, ensure that lling state having already rep th a value of 2*T1 before ser	eated its II	NVITE to the	
SIP Parameter values					
Comments					
Message flows	Mx	SUT			lc
_	INVITE	→	→	INVITE	
		Start A (2*T1)	→	INVITE	
		Timeout A Apply post test ro	-	INVITE	

TP number	IBCF_110_025	Reference		5.10.5 [1],	
				17.1.1.1 [1	19]
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PIC	S 7.2.4/1			
Test Purpose name	UDP Third timeout time	er A the INVITE is repeated			
Test Purpose		ort (UDP) is used, ensure that talling state retransmits its INVI- fter each transmission.			
SIP Parameter values					
Comments					
Message flows	Mx	SUT			lc
_	INVITE	→	→	INVITE	
			→	INVITE	
		Start A (4*T1)	→	INVITE	
		Timeout A Apply post test rou	→ ıtine	INVITE	

TP number	IBCF_110_026		Reference		5.10.5 [1],	
					17.1.1.1 [1	19]
TSS reference	Exit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PICS	7.2.4/1				
Test Purpose name	UDP: No ACK is sent after	er time	out timer B			
Test Purpose	Ensure that the IBCF, wh	nen an	INVITE client transac	ction is i	n the Calling	g state, when
	timer B set to a value of 6	64*T1 e	expires, considers the	e transa	ction termin	ated and does not
	send an ACK to the othe	r netwo	ork.			
SIP Parameter values						
Comments	After timeout timer B the	INVITE	is not retransmitted	and no	ACK is sen	t
Message flows	Mx		SUT			lc
	INVITE	→	Start B (64*T1)	→	INVITE	
				→	INVITE	
				→	INVITE	
	Timeout B					
			Apply post test ro	utine		

TP number	IBCF_110_026A	Reference	5.10.5 [1], 16.6-11 [19]
TSS reference	Exit Point/alg/sip		10.0-11 [19]
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Proceeding state Timeout time	r C	
Test Purpose	Ensure that the IBCF, when ar timer C set to a value of > 300 and a CANCEL is sent to the c network.	seconds expires, considers th	e transaction is terminated
SIP Parameter values			
Comments			
Message flows	Mx INVITE → 180 Ringing ← 504 Server time-out ACK →	SUT Start C (>300 s) Timeout B	IC INVITE 180 Ringing CANCEL 200 OK CANCEL
		→	487 Request Terminated ACK

TP number	IBCF 110 027		Reference		5.10.5 [1],	
	.50				17.1.1.1 [19]	
TSS reference	Exit Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PI	ICS 7.2.4/	1			
Test Purpose name	UDP: ACK is retrans	mitted unt	il timeout timer D			
Test Purpose					, when an INVITE client transaction	
					ul final response from the other	
		s the trans	saction, repeats its	ACK	request until timer D set to at least	
	32 second expires.					
SIP Parameter values						
Comments						
Message flows	Mx	_	SUT	_	lc	
	INVITE	→		→	INVITE	
	[any final response]	(([any unsuccessful final response]	
	ACK	→	Start timer D		ACK	
				←	[any unsuccessful final response]	
				→	ACK	
				([any unsuccessful final response]	
				→	ACK	
			Timeout timer D			
				←	[any unsuccessful final response]	
			Apply post test	rout		

TP number	IBCF_110_028	Reference	5.10.5 [1], 17.1.1.1 [19]		
TSS reference	Exit_Point/alg/sip		[100]		
Selection criteria	PICS 7.1.1/2 AND PICS	7.2.4/2			
Test Purpose name	TCP: ACK is retransmitt	ed until timeout timer D			
Test Purpose	If a reliable transport is used, ensure that the IBCF, when an INVITE client transaction is in the Completed state, on receipt of an unsuccessful final response from the other network that matches the transaction the IBCF does not repeat the ACK request (timer D zero).				
SIP Parameter values					
Comments					
Message flows	Mx INVITE [any final response] ACK	SUT ← → Annly post to	Ic → INVITE ← [any unsuccessful final response] → ACK ← [any unsuccessful final response]		
		Apply post te	st routine		

TP number	IBCF_110_028A	Re	ference	5.10.5 [1],
				17.1.1.1 [19]
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	ACK is retransmitted	until timeout	timer D	
Test Purpose		NVITE final re	esponse from the o	ction is in the Terminated state, on other network that matches the
SIP Parameter values		•		
Comments				
Message flows	Mx		SUT	Ic
	INVITE	→	1	→ INVITE
	200 OK INVITE	←		← 200 OK INVITE
	ACK	→		→ ACK
				← 200 OK INVITE
		Α	pply post test rou	utine

TP number	IBCF_110_028B	Reference	5.10.5 [1], 13.3.1.4 [19]				
TSS reference	Exit Point/alg/sip						
Selection criteria	PICS 7.1.1/2 AND PICS 7.	.2.4/2					
Test Purpose name	TCP: 200 OK INVITE is re	transmitted					
Test Purpose	Ensure that the IBCF, when an INVITE client transaction is in the Terminated state, after sending of an 200 OK INVITE final response to the own network and no ACK is received, the 200 OK INVITE is repeated until timer H expires.						
SIP Parameter values							
Comments							
	Mx INVITE	SUT	Ic → INVITE				
	200 OK INVITE	Start timer T	€ 200 OK INVITE				
	200 OK INVITE 200 OK INVITE	(
		Timeout timer	н				
	Apply post test routine						

TP number	IBCF_110_029	Reference	5.10.5 [1],
			17.1.2.2 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	1	
Test Purpose name	UDP: BYE is retransmitted after	er timeout timer E	
Test Purpose	If an unreliable transport is use in the Trying state having sent		
	after timer E set to T1 value ex		etwork, repeats its request
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
	As	session is already establishe	ed
	BYE →	Start timer E (T1) →	BYE
	200 OK BYE ←	, ,	
		Timeout timer E →	BYE
		Apply post test routine	

TP number	IBCF 110 030	Reference	5.10.5 [1],		
			17.1.2.2 [19]		
TSS reference	Exit_Point/alg/sip	·			
Selection criteria	PICS 7.1.1/2 AND PICS	5 7.2.4/1			
Test Purpose name	UDP: BYE is retransmit	ted after second timeout time	rE		
Test Purpose	the Trying state having	If an unreliable transport is used, ensure that the IUT, when a BYE client transaction is in the Trying state having sent twice times a BYE request to the other network, repeats its request after timer E set to the MIN(2*T1,T2) value expires.			
SIP Parameter values		·			
Comments					
Message flows	Mx	SUT	Ic		
		A session is already est	ablished		
	BYE	→ Start timer E (T1)	→ BYE		
		Timeout timer E Start timer E (2*T1)			
		Timeout timer E	→ BYE		
		Apply post test rou	itine		

TP number	IBCF_110_031	Reference	5.10.5 [1], 17.1.2.2 [19]	
TSS reference	Exit_Point/alg/sip	1	, , , , , , , , , , , , , , , , , , , ,	
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	1		
Test Purpose name	UDP: BYE is retransmitted after	er third timeout timer E		
Test Purpose	If an unreliable transport is use			
	the Trying state having sent the request after timer E set to the		other network, repeats its	
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	A s	session is already establishe	d	
	BYE →	Start timer E (T1) →	BYE	
		Timeout timer E →	BYE	
		Start timer E (4*T1) Timeout timer E →	BYE	
	Apply post test routine			

TP number	IBCF_110_032	Reference	5.10.5 [1],		
			17.1.2.2 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	1			
Test Purpose name	UDP: BYE is retransmitted after	er timeout timer E value T2			
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when a BYE client transaction is in the Trying state and the time of T2 is reached, the BYE request is retransmitted to the other network in the time of T2.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	A s	session is already establishe	d		
	BYE →	Start timer E, F (64*T1)	BYE		
		Timeout timer E	BYE		
		Timeout timer E	BYE		
		Timeout timer E	BYE		
		Timeout timer E	BYE		
		Start E (T2)			
		Timeout timer E	BYE		
	Apply post test routine				

TP number	IBCF 110 033	Reference	5.10.5 [1],		
Tr Humber	IBCI _110_033	Kelelelice			
			17.1.2.2 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	The BYE is not repeated after	timeout Timer F			
Test Purpose	If an unreliable transport is use	ed, ensure that the IBCF, when	a BYE client transaction is		
	in the Trying state does not rep	peat a BYE request, after time	F set to 64*T1 expires.		
SIP Parameter values			·		
Comments					
Message flows	Mx	SUT	Ic		
	As	session is already establishe	ed		
	BYE → :	Start timer E, F (64*T1)	→ BYE		
	-	Timeout timer E	→ BYE		
	-	Timeout timer E	→ BYE		
	Timeout timer F				
	Apply post test routine				

TP number	IBCF_110_034	Reference	5.10.5 [1], 17.1.2.2 [19]	
TSS reference	Exit_Point/alg/sip	•		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	7		
Test Purpose name	UDP: BYE Transaction in the	terminated state		
Test Purpose	Ensure that the IBCF, when a BYE client transaction is in the Trying state, considers the transaction terminated after 64*T1 duration expires without receiving any final response.			
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	Α	session is already established	ed	
	BYE	Start timer E, F (
		Timeout timer E	→ BYE	
		Timeout timer E	→ BYE	
	Timeout timer F			
	BYE	→ t Fyist ←		
	481 Call/Transaction Does Not Exist ←			

TP number	IBCF_110_035	Reference	5.10.5 [1],		
			16.2, 8.2.6.2 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	INVITE received a 100) is sent			
Test Purpose	provisional (100 Trying	Ensure that the IBCF, on receipt of an INVITE request from the own network, sends a provisional (100 Trying) response to the own network including the headers From, Call-Id, CSeq and Via copied from the INVITE message.			
SIP Parameter values	INVITE: From Call-ID CSeq Via				
	100: From Call-ID CSeq Via				
Comments					
Message flows	Mx INVITE 100 Trying	SUT → ←	Ic → INVITE		
		Apply post test i	routine		

TP number	IBCF 110 036	Reference	5.10.5 [1],	
			16.2, 8.2.6.2, 17.2.1 [19]	
TSS reference	Exit_Point/alg/sip	·	·	
Selection criteria	PICS 7.1.1/2			
Test Purpose name	No tag parameter receiv	ved in the INVITE, no tag p	parameter sent in 100	
Test Purpose	Ensure that the IBCF, on receipt of an INVITE request from the own network with no "tag" set on the To header, sends a provisional (100 Trying) response to the own network including the same URI and no tag in the To header.			
SIP Parameter values	INVITE: To: [any URI] 100: To: [any URI]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE 100 Trying	→ ← Apply post tost	→ INVITE	
	Apply post test routine			

TP number	IBCF_110_037	Reference	5.10.5 [1],		
			16.2, 8.2.6.2, 17.2.1 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	tag parameter received in IN	NVITE, the same tag para	meter is sent in the 100		
Test Purpose	Ensure that the IBCF, on re	ceipt of an INVITE reques	st from the own network with a "tag"		
			g) response to the own network		
	including the same URI and	I the same tag in the To h	eader.		
SIP Parameter values	INVITE:				
	To: [any URI], tag	g=[any value]			
	100:				
	To: [any URI], tag=[same value as in INVITE received]				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	INVITE	→	→ INVITE		
	100 Trying	←			
	Apply post test routine				

TP number	IBCF 110 038	Reference	5.10.5 [1],		
			17.2.3.1, 17.2.3.2 [19]		
TSS reference	Exit_Point/alg/sip	·			
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Last response is repea	ited if INVITE request receive	ed with same branch parameter		
Test Purpose	Ensure that the IBCF in a server INVITE Proceeding state, on receipt of an INVITE request from the own network, including a Via header set with the same branch parameter and sent-by value in the topmost list value, repeats its last response.				
SIP Parameter values	INVITE: Via: 100: Via:				
Comments					
Message flows	INVITE 100 Trying INVITE 100 Trying	SUT	Ic → INVITE		
		Apply post test re	outine		

TP number	IBCF_110_039	Refere	ence	5.10.5	5 [1],	
				17.2.1	1, 17.2.3 [19]	
TSS reference	Exit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2					
Test Purpose name	The same Via header	is sent in the re	peated 486 respor	ise		
Test Purpose	request from the own i	Ensure that the IBCF in a server INVITE Completed state, on receipt of an INVITE request from the own network, including a Via header set with the same branch parameter and sent-by value in the topmost list value, repeats its last response sent to				
SIP Parameter values	486 1: Via: 486 2: Via:					
Comments						
Message flows	Mx INVITE 486 Busy Here 1 INVITE 486 Busy Here 2 ACK	→ ← → ← → Appl	SUT y post test routin	→ ACK	ic E Busy Here	
	1	Appi	, poor 1001 1001111			

TP number	IBCF 110 040	Reference		5.10.5 [1],	
				17.2.2, 17.2.3 [19]	
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	The same Via header i	is sent in the repeated 200 (OK respor	nse	
Test Purpose	Ensure that the IBCF in	n a server BYE Completed	state, on	receipt of a BYE request,	
	including a Via header	set with the same branch p	arameter	and sent-by value in the	
	topmost list, repeats its	s last response.			
SIP Parameter values	BYE:				
	Via:				
	200 OK:				
	Via:				
Comments					
Message flows	Mx	SUT		Ic	
	A session is already established				
	BYE	→	→	BYE	
	200 OK BYE	←	←	200 OK BYE	
	BYE	→			
	200 OK BYE	←			

TP number	IBCF_110_041	Reference	5.10.5 [1], 9.2, 16.10 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	The same Via header in CAN	ICEL received as in INVITE			
Test Purpose	Ensure that the IBCF in a server INVITE Proceeding state , on receipt of a CANCEL, including a Via header set with the same branch parameter and sent-by value with the topmost Via value INVITE to be cancelled, sends a Success (200 Success) response to the CANCEL request.				
SIP Parameter values					
Comments					
Message flows	100 Trying CANCEL 200 OK CANCEL 487 Request Terminated	SUT + + + + + + + + + + + + + + + + + + +	Ic INVITE 100 Trying CANCEL 200 OK CANCEL 487 Request Terminated ACK		

TP number	IBCF_110_042	Reference	5.10.5 [1], 13.3.1.3, 17.2.3.1 [19]			
TSS reference	Exit Point/alg/sip		,,			
Selection criteria	PICS 7.1.1/2 AND PI	CS 7.2.4/7				
Test Purpose name	State change from the	e Proceeding state into the	Completed state			
Test Purpose		Ensure that the IBCF in a server INVITE Proceeding state, after sending a 4XX response, enters in the Completed state.				
SIP Parameter values	·					
Comments						
Message flows	Mx	SUT	lc			
	INVITE 100 Trying 486 Busy Here 486 Busy Here ACK	→ ← ← ←	→ INVITE ← 100 Trying ← 486 Busy Here → ACK			

TP number	IBCF 110 043	Reference		5.10.5 [1],
				13.3.1.4, 17.2.3.1 [19]
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	State change from the	Proceeding state into	the Confirmed	state
Test Purpose	Ensure that the IBCF i	n a server INVITE Co	mpleted state, o	on receipt of an ACK request,
	enters in the Confirme	d state.		
SIP Parameter values				
Comments				
Message flows	Mx	SI	JT	lc
	INVITE	→	→	INVITE
	486 Busy Here	←	←	486 Busy Here
	ACK	→	→	ACK

TP number	IBCF 110 044	Reference	5.10.5 [1]		
			15.1.2 [19)]	
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	481 response to a BYE request				
Test Purpose	Ensure that the IBCF, while no dialog has been established, on receipt of a BYE request, sends a Call/Transaction does not exist (481 Call/Transaction does not exist).				
SIP Parameter values					
Comments					
Message flows	Mx		SUT	lc	
	BYE	→			
	481 Call/Transaction does not e	xist 🗲			

TP number	IBCF_110_045	Reference	5.10.5 [1],
			17.2.1, Annex A [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2	.4/7	
Test Purpose name	Final response repeated after	er timeout timer G	
Test Purpose	If an unreliable transport is untransaction is in the Comple timeout condition of timer G	ted state repeats its respor	, when an INVITE server nse sent to the own network on the
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
-	INVITE 180 Ringing	→ ←	→ INVITE← 180 Ringing← 403 Forbidden
	403 Forbidden 403 Forbidden ACK	← Start timer G (T1)← Timeout timer G→	

TP number	IBCF_110_046	Reference	5.10.5 [1],		
			17.2.1, Annex A [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/8			
Test Purpose name	Final response is not repeated	I after timeout timer G			
Test Purpose	If a reliable transport (TCP) is used, ensure that the IBCF, when an INVITE server transaction is in the Completed state does not repeat its response to the own network on the timeout condition of timer G set with a value of T1.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	INVITE 180 Ringing	-	INVITE 180 Ringing 403 Forbidden		
	403 Forbidden ◆	Start timer G (T1) Timeout timer G			
	ACK -	•			

TP number	IBCF_110_047	Reference	5.10.5 [1], 17.2.1, Annex A [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	7	
Test Purpose name	Final response repeated after s	second timeout timer G	
Test Purpose	If an unreliable transport is use transaction is in the Completed the own network, repeats it after	I state and having already sen	t twice times its response to
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
	180 Ringing ←	←	180 Ringing 403 Forbidden
	403 Forbidden ←	Start timer G (T1)	
	403 Forbidden ←	Timeout timer G Start timer G (2*T1)	
	403 Forbidden ← ACK →	Timeout timer G	

TP number	IBCF_110_048	Reference	5.10.5 [1], 17.2.1, Annex A [19]			
TSS reference	Exit_Point/alg/sip	•				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	1/7				
Test Purpose name	Final response repeated after	third timeout timer G				
Test Purpose	transaction is in the Complete	If an unreliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Completed state and having already sent three times its response to the own network, repeats it after timer G set the MIN(4*T1,T2) value expires.				
SIP Parameter values		,	•			
Comments						
Message flows	Mx INVITE → 180 Ringing	.	Ic → INVITE ← 180 Ringing ← 403 Forbidden			
	403 Forbidden 403 Forbidden 403 Forbidden 403 Forbidden ACK	Timeout timer G (2*T1) Start timer G (2*T1) Timeout timer G Start timer G (4*T1) Timeout timer G				

TP number	IBCF_110_049	Reference).5 [1], 2.1, An	nex A [19]	
TSS reference	Exit Point/alg/sip	•		· · · · · · · · · · · · · · · · · · ·	• •	
Selection criteria	PICS 7.1.1/2					
Test Purpose name	The terminated state is e	entered after timer	H was expired			
Test Purpose		Ensure that the IBCF, when an INVITE server transaction is in the Completed state and, enters in the Terminated state after timer H set to 64*T1 value expires.				
SIP Parameter values						
Comments						
Message flows	Mx		SUT		lc	
	INVITE	→		→	INVITE	
	180 Ringing	←		←	180 Ringing	
				←	403 Forbidden	
	403 Forbidden	+	Start timer H (64*T1)	→	ACK	
	ACK	→	Timeout timer H			

TP number	IBCF_110_050		Reference		5.10.5 [1], 17.2.1, Annex A [19]
TSS reference	Exit Point/alg/sip		1		, - [-]
Selection criteria	PICS 7.1.1/2 AND PIC	CS 7.2.4	./7		
Test Purpose name	Final response is not	repeated	d after timeout timer H		
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Completed state and, does not repeats its response sent to the own network after timer H set to 64*T1 value expires.				
SIP Parameter values			•		
Comments					
Message flows	Mx INVITE 180 Ringing	→	SUT	→ ←	Ic INVITE 180 Ringing 403 Forbidden
	403 Forbidden 403 Forbidden 403 Forbidden	+ +	Start timer H (64*T1)		
			Timeout timer H		
	Apply post test routine				

TP number	IBCF_110_051	Reference	;	5.10.5	[1],		
				17.2.1,	Annex A [19]		
TSS reference	Exit_Point/alg/sip	xit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/7	•					
Test Purpose name	The terminated state is entered	after timer I	was expired				
Test Purpose	transaction is in the Confirmed	If an unreliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Confirmed state, enters in the Terminated state after timer I set to T4 value expires. A 481 response to the ACK after timer I was expired is optional.					
SIP Parameter values							
Comments							
Message flows	Mx		SUT		lc		
	INVITE	→		→	INVITE		
	180 Ringing	-		←	180 Ringing		
	403 Forbidden	-		←	403 Forbidden		
	ACK	→	Start timer I (T4))			
	ACK	→					
			Timeout timer I				
	ACK	→					
	481 Call/Transaction does not e	exist 🗲					

TP number	IBCF 110 052 F	Reference	5.10	.5 [1	1,
			17.2	.1, A	nnex A [19]
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/8				
Test Purpose name	The server enters immediately in	the terminate	ed state		
Test Purpose	If a reliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Confirmed state, enters immediately in the Terminated state.				erver transaction is
SIP Parameter values					
Comments					
Message flows	Mx		SUT		lc
_	INVITE	→		→	INVITE
	180 Ringing	←		←	180 Ringing
	403 Forbidden	←		←	403 Forbidden
	ACK	→	Start timer I (T4)		
	ACK	→	,		
	481 Call/Transaction does not e	xist 🗲			

TP number	IBCF_110_053	Reference	5.10.5 [1],		
			17.2.2, Annex A [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/7			
Test Purpose name	Enters from the completed sta	te into the terminated state			
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when a BYE server transaction is in the Completed state, on receipt of the repetitions of the BYE request, retransmits its response until the timer J set to 64*T1 expires.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	A :	session is already establishe	ed		
	BYE	→	→ BYE		
	200 OK BYE	← Start timer J (64*	*T1) ← 200 OK BYE		
	BYE	→			
	200 OK BYE	←			
		Timeout timer J			
	BYE	→			
	481 Call/Transaction does not	exist ←			

TP number	IBCF_110_054	Reference	5.10.5 [1],		
			8.1 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	The Contact header in	the sent INVITE			
Test Purpose		When the IBCF receives in INVITE request from the own network, ensure that an INVITE			
	is sent to the other net	work and the Contact he	eader contains the URI of the IBCF.		
SIP Parameter values	INVITE:				
	Contact: <[l	JRI of IBCF]>			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
		Apply post test routine			

TP number	IBCF_110_055	Reference		5.10.5 [1]	
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PI	ICS 7.2.4/4 AND PICS 7.2.4/	5		
Test Purpose name	An IPv6 Address in t	he Contact header in the sen	t INVITE		
Test Purpose	When the IBCF receives in INVITE request from the own network, ensure that an INVITE is sent to the other IPv6 network and when the Contact header contains an IP address it is an IPv6 address identifying the IBCF.				
SIP Parameter values	INVITE2:				
	Contact: <[5555::aaa:bbb:ccc:ddd]>				
Comments	The IPv6 address is	an example not a real value			
Message flows	Mx	SUT			lc
	INVITE1	→	→	INVITE2	
	Apply post test routine				

TP number	IBCF_110_056	Reference	5.10.5 [1]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/3	3 AND PICS 7.2.4/6			
Test Purpose name	An IPv4 Address in the Contac	t header in the sent INVITE			
Test Purpose	When the IBCF receives in INVITE request from the own IPv6 network, ensure that an INVITE is sent to the other IPv4 network and when the Contact header contains an IP address it is an IPv4 address identifying the IBCF.				
SIP Parameter values	INVITE2:				
	Contact: <[aaa.bbb.ccc.ddd]>				
Comments	The IPv4 address is an example not a real value				
Message flows	Mx SUT Ic				
	INVITE1 →	→	INVITE2		
	Apply post test routine				

TP number	IBCF_110_057	Reference	5.10.5 [1]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Network address translation	in the Contact header in the se	ent INVITE		
Test Purpose	When the IBCF receives in INVITE request from the own network, ensure that an INVITE is sent to the other network and when the Contact header contains an IP address not equal to the address received from the own network.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	Ic		
	INVITE1	→ →	INVITE2		
	Apply post test routine				

TP number	IBCF_110_058	Reference	5.10.5 [1],		
			19.1.1 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Unknown uri paramet	ter in the Contact header			
Test Purpose		Ensure that the IBCF on receipt of an INVITE request from the own network including non-understood uri-parameters in the SIP-URI of the Contact header forwards the			
	message to the other		le Contact fleader forwards the		
SIP Parameter values	INVITE:				
	Contact: <	[any URI]>;unknown=nonunde	erstood		
Comments					
Message flows	Mx	SUT	lc		
	INVITE	→	→ INVITE		
	Apply post test routine				

TP number	IBCF_110_059	Reference	5.10.5 [1],	
			19.1.1 [19]	
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Header parameter pre	sent in the Contact header		
Test Purpose			est from the own network including a ader forwards the message to the	
SIP Parameter values	INVITE:			
	Contact: <[any URI]>;h1=%		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
	Apply post test routine			

TP number	IBCF 110 060	Reference	5.10.5 [1],	
			19.1.1 [19]	
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	method uri parameter	present in the Contact head	ler	
Test Purpose	Ensure that the IBCF on receipt of an INVITE request from the own network including a method parameter set to "INVITE" in the SIP-URI of the Contact header forwards the message to the other network.			
SIP Parameter values	INVITE:			
	Contact: <[any URI];method=INVITE>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
		Apply post test	routine	

TP number	IBCF 110 061	Reference	5.10.5 [1],	
			19.1.1 [19]	
TSS reference	Exit_Point/alg/sip		·	
Selection criteria	PICS 7.1.1/2			
Test Purpose name	One Via header is ser	nt to the other network		
Test Purpose		Ensure that the IBCF sends an INVITE request to the other network when an INVITE		
	request was received	from the own network and on	e Via header entry is present	
	identifying the IBCF. 1	The received Via header entri	es are not present.	
SIP Parameter values	INVITE2:			
	Via: SIP/2.0	0/[any transport] [URI of IBCF];branch=z9hG4bK	
Comments				
Message flows	Mx	SUT	Ic	
	INVITE1	→	→ INVITE2	
	Apply post test routine			

TP number	IBCF 110 062	Reference	5.10.5 [1],			
			19.1.1 [19]			
TSS reference	Exit_Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PIC	S 7.2.4/4 AND PICS 7.2.4/	5			
Test Purpose name	The Via header URI is	a IPv6 address				
Test Purpose		When the IBCF sends an INVITE request to the other IPv6 network and the Via header				
	value identifying the IB	BCF is an IP address, ensur	e that the IP address in the Via header			
	is an IPv6 address.					
SIP Parameter values	INVITE2:	INVITE2:				
	Via: SIP/2.0/[ar	ny transport] [[5555::aaa:bb	b:ccc:ddd]:>port>];branch=[any value]			
Comments	The IP v6 address is a	in example not a real value				
Message flows	Mx	SUT	lc			
	INVITE1	→	→ INVITE2			
	Apply post test routine					

TP number	IBCF_110_063	Reference	5.10.5 [1],		
			19.1.1 [19]		
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PIC	CS 7.2.4/3 AND PICS 7.2.4/	6		
Test Purpose name	The Via header URI is	a IP v4 address			
Test Purpose	When the IBCF sends an INVITE request to the other IPv4 network and the Via header value identifying the IBCF is an IP address, ensure that the IP address in the Via header is an IPv4 address.				
SIP Parameter values	INVITE2:	ny transport] [aaa.bbb.ccc.d	dd: <port>];branch=[any value]</port>		
Comments		an example not a real value			
Message flows	Mx	SUT	lc		
	INVITE1	→	→ INVITE2		
	Apply post test routine				

TP number	IBCF_110_064	Reference	5.10.5 [1],	
			19.1.1 [19]	
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Network address trans	slation in the Via header in t	he sent INVITE	
Test Purpose	When the IBCF sends an INVITE request to the other network and the Via header value identifying the IBCF is an IP address, ensure that the IP address in the Via header is not equal to the IP address received from the own network.			
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	INVITE1	→	→ INVITE2	
	Apply post test routine			

TP number	IBCF 110 065	Reference	5.10.5 [1],	
			7.3.1 [19]	
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Via header branch paran	neter with upper and lowe	r cases	
Test Purpose		Ensure that the IBCF on receipt of an INVITE request from the own network including a		
	branch parameter named with upper and lower cases in Via header forwards the			
	message to the other ne	twork.		
SIP Parameter values	INVITE:			
	Via: SIP/2.0/[a	any transport] [any URI];Bı	AnCH=z9hG4bK	
Comments				
Message flows	Mx	SUT	lc	
	INVITE	→	→ INVITE	
		Apply post test r	outine	

IBCF_110_066	Reference	5.10.5 [1], 7.2 [19]		
Exit_Point/alg/sip	·			
PICS 7.1.1/2				
Successful final respo	nse with non-defined respo	nse code received		
Ensure that the IBCF after having forwarded an INVITE request from the own network, on receipt of a Success (299 OK) response with non-defined last two digits forwards the message to the other network.				
299 OK CSeq: [any	value] INVITE			
	•			
Mx INVITE 180 Ringing 299 OK INVITE	SUT → ← Apply post test	Ic → INVITE ← 180 Ringing ← 299 OK INVITE routine		
	Exit_Point/alg/sip PICS 7.1.1/2 Successful final respo Ensure that the IBCF receipt of a Success (message to the other 299 OK CSeq: [any Mx INVITE 180 Ringing	Exit_Point/alg/sip PICS 7.1.1/2 Successful final response with non-defined response successful final response with non-defined response that the IBCF after having forwarded an II receipt of a Success (299 OK) response with non-message to the other network. 299 OK CSeq: [any value] INVITE Mx SUT INVITE 180 Ringing		

TP number	IBCF_110_067	Reference	5.10.5 [1], 7.2 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Successful final respor	nse with unknown reason pl	nrase received
Test Purpose	receipt of a Success (2 the message to the other	200 PERFECT) response w	IVITE request from the own network, on ith an unknown reason phrase forwards
SIP Parameter values	200 OK PERFECT:		
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
	180 Ringing	←	← 180 Ringing
	200 OK	←	← 200 OK
		Apply post test	routine

TP number	IBCF_110_068	Reference	5.10.5 [1],
			8.1 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	From header field in th	e sent INVITE	
Test Purpose	sent to the other netwo	es an INVITE request from thork. Ensure that the 'tag' value received from the own netw	ne own network, an INVITE request is e of the sent From header field is york.
SIP Parameter values	INVITE2:		
	From: <[any	/ URI]>;tag=[any value]	
Comments			
Message flows	Mx	SUT	lc
	INVITE1	→	→ INVITE2
		Apply post test ro	outine

TP number	IBCF 110 069	Refer	ence	5.10.5 [1],
				8.1 [19]
TSS reference	Exit_Point/alg/sip			· · · · ·
Selection criteria	PICS 7.1.1/2			
Test Purpose name	To header field in the	sent INVITE		
Test Purpose	When the IBCF receive	es an INVITE r	equest from the own	network, an INVITE request is
	sent to the other netw	ork. Ensure tha	t no 'tag' value is pre	sent in the To header field in
	the INVITE sent to the	other network.		
SIP Parameter values	INVITE2:			
	To: <[any U	JRI]>		
Comments				
Message flows	Mx		SUT	lc
	INVITE1	→	- 3	INVITE2
	Apply post test routine			

TP number	IBCF_110_070	Reference	5.10.5 [1]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	To tag in the sent 180		
Test Purpose	response is sent to the		e from the other network, a 180 Ringing at the 'tag' value sent to the own network network.
SIP Parameter values			
Comments			
Message flows	Mx INVITE 180 Ringing	SUT → ← Apply post tes	Ic → INVITE ← 180 Ringing st routine

TP number	IBCF_110_071	Reference	5.10.5 [1]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	To tag in the sent 183		
Test Purpose		is sent to the own network	onse from the other network, a 183 . Ensure that the 'tag' value sent to n the other network.
SIP Parameter values			
Comments			
Message flows	Mx INVITE 183 Session Progress	SUT → ← Apply post test routi	Ic → INVITE ← 183 Session Progress ne

TP number	IBCF 110 072	Reference	5.10.5 [1],
			7.3. [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Headers with short na	me included	
Test Purpose	Ensure that the IBCF of	on receipt of an INVITE requ	lest from the own network including
	headers set with short	names forwards the messa	ge to the other network.
SIP Parameter values	INVITE:		
	f: <[any UR	l]>;tag=[any value]	
	t: <[any UR	I]>	
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
		Apply post test	routine

TP number	IBCF 110 073	Reference		5.10.5 [1],	
				7.1 [19]	
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	SIP version in request line in lower cases				
Test Purpose	Ensure that the IBCF of	on receipt of an INVITE	request from th	e own network with SIP	
	version in lower case f	orwards the message t	o the other netv	vork.	
SIP Parameter values	INVITE: sip: [any UF	RI]sip/2.0			
Comments					
Message flows	Mx	SU [*]	Τ	lc	
	INVITE	→	→	INVITE	
	Apply post test routine				

TP number	IBCF_110_074	Reference	,	5.10.5 [1],	
				7.3.1 [19]	
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	SIP header field name	es in upper and lowe	r cases		
Test Purpose	Ensure that the IBCF	on receipt of an INV	ITE request from	the own network	including
	headers named with t	upper and lower case	es forwards the m	essage to the ot	her network.
SIP Parameter values	INVITE:				
	frOM: <[an	y URI]>;tag=[any val	ue]		
	tO: <[any l		-		
Comments					
Message flows	Mx		SUT	I	С
	INVITE	→	→	INVITE	
		Apply po	st test routine		

TP number	IBCF 110 075	Reference	5.10.5 [1],
			19.1.1 [19]
TSS reference	Exit_Point/alg/sip	·	
Selection criteria	PICS 7.1.1/2		
Test Purpose name	'transport' parameter in	n From and To header	
Test Purpose		the From and To headers, ig	est from the own network including a nores them and forwards the
SIP Parameter values		[any URI];transport=[any tran y URI];transport=[any transp	
Comments			-
Message flows	Mx	SUT	lc
	INVITE	→	→ INVITE
		Apply post test ro	outine

TP number	IBCF_110_076	Reference	5.10.5 [1]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Call-ID in the sent INVITE esta	blishes a new call leg	
Test Purpose	When the IBCF receives an IN sent to the other network. Ensureceived from the own network	re that the Call-ID value is dif	
SIP Parameter values	INVITE2:		
	Call-ID: [any value]		
Comments			
Message flows	Mx	SUT	lc
	INVITE1 →	→	INVITE2
		Apply post test routine	

TP number	IBCF 110 077	Reference	5.10.5 [1],
			21.4.1 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	INVITE request without	Call-ID header not supported	d
Test Purpose	Ensure that the IUT, on	receipt of an INVITE reques	t from the own network without Call-Id
	header sends a Bad Re	quest (400 Bad Request) res	sponse.
SIP Parameter values	INVITE:		
	Call-ID heade	er not present	
Comments			
Message flows	Mx	SUT	lc
	INVITE	→	
	400 Bad Request	←	
	ACK .	→	

TP number	IBCF_110_078	Reference	5.10.5 [1],	
			21.4.1 [19]	
TSS reference	Exit_Point/alg/sip			
Selection criteria	PICS 7.1.1/2 AND PIC	CS 7.2.4/8		
Test Purpose name	INVITE request with s	everal CRLF before start-line	supported	
Test Purpose	Ensure that the IUT, of stream-oriented (TCP message.	on receipt of an INVITE reque) transport with several CRLF	st from the own network over a before the start-line, forwards the	
SIP Parameter values				
Comments				
Message flows	Mx	SUT	Ic	
	INVITE	→	→ INVITE	
	Apply post test routine			

TP number	IBCF_110_079	Reference	5.10.5 [1],
			16.6 [19]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	The Record-Route he	eader in the sent INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own network ensure that an INVITE request is sent to the other network and if Record-Route header entry is present it contains the address of the IBCF.		
SIP Parameter values	INVITE2:		
	Record-Rou	ute: <sip:[uri ibcf];ir="" of=""></sip:[uri>	
Comments			
Message flows	Mx	SUT	lc
	INVITE2	→	→ INVITE2
		Apply post test r	outine

TP number	IBCF_110_080	Reference	5.10.5 [1]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	4 AND PICS 7.2.4/5	
Test Purpose name	IPv6 address in the Record-Re	oute header in the sent INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own IPv4 network ensure that an INVITE request is sent to the other IPv6 network and the Record-Route header contains an IP address identifying the IBCF it is an IPv6 address.		
SIP Parameter values	INVITE2:		
	Record-Route: <sip:< th=""><th>[5555::aaa:bbb:ccc:ddd];lr></th><th></th></sip:<>	[5555::aaa:bbb:ccc:ddd];lr>	
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
		Apply post test routine	

TP number	IBCF_110_081	Reference	5.10.5 [1]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/4	4 AND PICS 7.2.4/6	
Test Purpose name	IPv4 address in the Record-Ro	oute header in the sent INVITE	
Test Purpose	When the IBCF receives an INVITE request from the own IPv6 network ensure that an INVITE request is sent to the other IPv4 network and when the Record-Route header contains an IP address identifying the IBCF it is an IP v4 address.		
SIP Parameter values	INVITE2:		
	Record-Route: <sip:< th=""><th>[aaa.bbb.ccc.ddd];lr></th><th></th></sip:<>	[aaa.bbb.ccc.ddd];lr>	
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
		Apply post test routine	

TP number	IBCF 110 082	Reference	5.10.5 [1]
TSS reference	Exit_Point/alg/sip	•	•
Selection criteria	PICS 7.1.1/2		
Test Purpose name	GRUU received in Contact hea	ader GRUU is sent	
Test Purpose	When an IBCF processes a Si which is a Globally Routable L		
	with an address which is also	a GRUU.	·
SIP Parameter values Comments	INVITE Contact header GRUU 200 OK: Contact header GRUU		
	My	CUT	le .
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE ←	+	Ic INVITE 180 Ringing 200 OK INVITE

TP number	IBCF_110_083	Reference	5.10.5 [1]
TSS reference	Exit_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	No GRUU received in Contact	header no GRUU is sent	
Test Purpose	When an IBCF processes a S		
	which is not a Globally Routab	le User agent URI (GRUU), it :	shall replace the contact
	address with an address which	n is not a GRUU.	
SIP Parameter values	INVITE:		
	Contact header		
	no GRUU		
	200 OK:		
	Contact header		
	no GRUU		
Comments			
Message flows	Mx	SUT	lc
	INVITE →	→	INVITE
	180 Ringing ←	←	180 Ringing
	200 OK INVITE ←	←	200 OK INVITE
	Apply post test routine		

6.1.5.2 Treatment of session and media description

TP number	IBCF_111_001	Reference	5.10.5 [1]	
TSS reference	Exit Point/alg/sdp			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Network address translation in	the o line of the INVITE		
Test Purpose	When the IBCF receives an IN	VITE request from its own net	work and the 'o' line contains	
	the IP address from the owner/	creator in the own network, e	nsure that an INVITE request	
	is sent to the other network and	the SDP contains an 'o' line	the IP address is set to the IP	
	address of the IBCF of the own	network.		
SIP Parameter values	INVITE1:			
	SDP			
	o=[any value] [ar	ny value] [any value] IN IP4 [If	P address owner (PIXIT)]	
	or			
	o=[any value] [any value] [any value] IN IP6 [IP address owner (PIXIT)]			
	INVITE2:			
	SDP			
	o=[any value] [ar	ny value] [any value] IN IP4 [If	P address IBCF]	
	or			
	o=[any value] [any value] IN IP6 [IP address IBCF]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
		Apply post test routine		

TP number	IBCF 111 002	Reference	5.10.5 [1]		
TSS reference	Exit Point/alg/sdp				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	4 AND PICS 7.2.4/5			
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the o line of the INVIT	E		
Test Purpose	When the IBCF receives an INVITE request from its own network and the 'o' line contains the IP address from the owner/creator in the own network and is an IPv4 address, ensure that an INVITE request is sent to the other network and the SDP contains an 'o' line the IP address is set to the IPv6 address of the IBCF of the own network.				
SIP Parameter values	INVITE1: SDP o=[any value] [any value] IN IP4 [IP address owner (PIXIT)] INVITE2: SDP o=[any value] [any value] IN IP6 [IP address IBCF]				
Comments					
Message flows	Mx	SUT	lc		
	INVITE1 →	→	INVITE2		
	Apply post test routine				

TP number	IBCF_111_003	Reference	5.10.5 [1]	
TSS reference	Exit Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/3	3 AND PICS 7.2.4/6		
Test Purpose name	IPv6 to IPv4 IP version interwo	rking in the o line of the INVIT	E	
Test Purpose	When the IBCF receives an INVITE request from its own network and the 'o' line contains the IP address from the owner/creator in the own network and is an IPv6 address, ensure that an INVITE request is sent to the other network and the SDP contains an 'o' line the IP address is set to the IPv4 address of the IBCF of the own network.			
SIP Parameter values	INVITE1: SDP o=[any value] [any value] IN IP6 [IP address owner (PIXIT)] INVITE2: SDP o=[any value] [any value] IN IP4 [IP address IBCF]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
		Apply post test routine		

TP number	IBCF_111_004	Reference	5.10.5 [1]	
TSS reference	Exit_Point/alg/sdp			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Network address translation in	the o line of the 200 OK INVI	TE	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network and the 'o' line contains the IP address from the owner/creator in the other network, ensure that a 200 OK INVITE response is sent to its own network and the SDP contains an 'o' line the			
	IP address is set to the IP addr	ess of the IBCF of the own ne	etwork.	
SIP Parameter values	or o=[any value] [ar 200 OK 2: SDP o=[any value] [ar or	ny value] [any value] IN IP4 [I ny value] [any value] IN IP6 [I ny value] [any value] IN IP4 [I ny value] [any value] IN IP6 [I	P address owner (PIXIT)] P address IBCF]	
Comments				
Message flows	Mx	SUT	lc	
	INVITE → 180 Ringing ← 200 OK INVITE2 ←	→ ← Apply post test routine	INVITE 180 Ringing 200 OK INVITE1	

TP number	IBCF_111_005	Reference	5.10.5 [1]		
TSS reference	Exit_Point/alg/sdp	Exit Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/3 AND PICS 7.2.4/6			
Test Purpose name	IPv6 to IPv4 IP version interwe	orking in the o line of the 200 C	OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network and the 'o' line contains the IP address from the owner/creator in the other network and is an IPv4 address, ensure that a 200 OK INVITE response is sent to its own network and the SDP contains an 'o' line the IP address is set to the IPv6 address of the IBCF of the own network.				
SIP Parameter values	200 OK 1: SDP o=[any value] [any value] IN IP4 [IP address owner (PIXIT)] 200 OK 2: SDP o=[any value] [any value] IN IP6 [IP address IBCF]				
Comments		, , , , , , , , , , , , , , , , , , , ,	-		
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE2	·	Ic INVITE 180 Ringing 200 OK INVITE1		

TP number	IBCF_111_006	Reference	5.10.5 [1]	
TSS reference	Exit_Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/3	3 AND PICS 7.2.4/6		
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the o line of the 200 C	K INVITE	
Test Purpose	When the IBCF receives a 200			
	line contains the IP address fro			
	address, ensure that a 200 OK	•		
	contains an 'o' line the IP addre	ess is set to the IPv4 address	of the IBCF of the own	
	network.			
SIP Parameter values	200 OK 1:			
	SDP			
	o=[any value] [any value] [any value] IN IP6 [IP address owner (PIXIT)]			
	200 OK 2:			
	SDP			
	o=[any value] [any value] IN IP4 [IP address IBCF]			
Comments				
Message flows	Mx	SUT	lc	
	INVITE →	→	INVITE	
	180 Ringing ←	-	180 Ringing	
	200 OK INVITE2 ←	+	200 OK INVITE1	
		Apply post test routine		

TP number	IBCF 111 007	Reference	5.10.5 [1]	
		Reference	0.10.0[1]	
TSS reference	Exit_Point/alg/sdp			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Network address translation in	the c line of the INVITE		
Test Purpose	When the IBCF receives an IN	VITE request from its own net	twork and the 'c' line contains	
-	the IP address from the data co	onnection in the own network,	ensure that an INVITE	
	request is sent to the other net	work and the SDP contains a	'c' line the IP address is set	
	to the IP address of the TrGW			
SIP Parameter values	INVITE1:			
	SDP			
	~=-	onnection address (PIXIT)]		
	<u> </u>	onnection address (Fixer)		
	or			
	c=IN IP6 [data connection address (PIXIT)]			
	INVITE2:			
	SDP			
	c=IN IP4 [IP add	ress TrGW		
	or			
	c=IN IP6 [IP add	ress TrGW1		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
		Apply post test routine		

TD	IDOE 444 000	D-f	E 40 E [4]	
TP number	IBCF_111_008	Reference	5.10.5 [1]	
TSS reference	Exit_Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/4	4 AND PICS 7.2.4/5		
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the c line of the INVIT	E	
Test Purpose	When the IBCF receives an IN	VITE request from its own net	work and the 'c' line contains	
-	the IP address from the data co	onnection in the own network	and is an IPv4 address,	
	ensure that an INVITE request	is sent to the other network a	nd the SDP contains a 'c' line	
	the IP address is set to the IPv			
SIP Parameter values	INVITE1:			
	SDP			
	c=IN IP4 [data connection address (PIXIT)]			
	INVITE2:			
	SDP			
	c=IN IP6 [IP add	ress TrGW1		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
	Apply post test routine			

TP number	IBCF_111_009	Reference	5.10.5 [1]	
TSS reference	Exit_Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/3 AND PICS 7.2.4/6		
Test Purpose name	IPv6 to IPv4 IP version interwo	orking in the c line of the INVIT	ΓΕ	
Test Purpose	When the IBCF receives an IN	IVITE request from its own ne	twork and the 'c' line contains	
	the IP address from the data of	connection in the own network	and is an IPv6 address,	
	ensure that an INVITE reques	t is sent to the other network a	and the SDP contains a 'c' line	
	the IP address is set to the IP	/4 address of the TrGW of the	own network.	
SIP Parameter values	INVITE1:			
	SDP			
	c=IN IP6 [data connection address (PIXIT)]			
	INVITE2:			
	SDP			
	c=IN IP4 [IP add	dress TrGW]		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
		Apply post test routine		

TP number	IBCF_111_010	Reference	5.10.5 [1]		
TSS reference	Exit_Point/alg/sdp				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Network address translation in	the c line of the 200 OK INVIT	Έ		
Test Purpose	When the IBCF receives a 200	OK INVITE response from th	e other network and the 'c'		
	line contains the IP address fro				
	200 OK INVITE response is se				
	address is set to the IP address	s of the TrGW of the own netv	vork.		
SIP Parameter values	200 OK 1:				
	SDP				
	c=IN IP4 [data co	onnection address (PIXIT)]			
	or				
	c=IN IP6 [data connection address (PIXIT)]				
	200 OK 2:				
	SDP				
	c=IN IP4 [IP address TrGW				
	Or TOWN				
Commonto	c=IN IP6 [IP add	ress irGwj			
Comments	Base	CUT			
Message flows	Mx INVITE →	SUT	lc		
	\v\ _		INVITE		
	180 Ringing	-	180 Ringing		
	200 OK INVITE2 ← 200 OK INVITE1				
		Apply post test routine			

TP number	IBCF 111 011	Reference	5.10.5 [1]			
TSS reference	Exit Point/alg/sdp					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	4 AND PICS 7.2.4/5				
Test Purpose name	IPv6 to IPv4 IP version interwo	orking in the c line of the 200	OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network and the 'c' line contains the IP address from the data connection in the other network and is an IPv4 address, ensure that a 200 OK INVITE response is sent to its own network and the SDP contains a 'c' line the IP address is set to the IPv6 address of the TrGW of the own network.					
SIP Parameter values	200 OK 1: SDP c=IN IP4 [data connection address (PIXIT)]					
	200 OK 2:					
	SDP c=IN IP6 [IP address TrGW]					
Comments						
Message flows	Mx	SUT	lc			
	INVITE →	→	INVITE			
	180 Ringing ←	←	180 Ringing			
	200 OK INVITE2 ←	200 OK INVITE2 ← 200 OK INVITE1				
		Apply post test routine				

TP number	IBCF_111_012	Reference	5.10.5 [1]		
TSS reference	Exit_Point/alg/sdp				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/3	3 AND PICS 7.2.4/6			
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the c line of the 200 C	K INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the other network and the 'c' line contains the IP address from the data connection in the other network and is an IPv6 address, ensure that a 200 OK INVITE response is sent to its own network and the SDP contains a 'c' line the IP address is set to the IPv4 address of the TrGW of the own network.				
SIP Parameter values	200 OK 1: SDP c=IN IP6 [data connection address (PIXIT)] 200 OK 2: SDP c=IN IP4 [IP address TrGW]				
Comments					
Message flows	Mx INVITE → 180 Ringing ← 200 OK INVITE2	SUT Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE1		

TP number	IBCF_111_013	Reference	5.10.7 [1]		
TSS reference	Exit_Point/alg/sdp				
Selection criteria	PICS 7.1.1/2 AND P	ICS 7.2.5/1 AND PICS 7.2.5/2	2		
Test Purpose name	The IBCF adds code	ecs to the coded list in the offe	r		
Test Purpose	present, the IBCF se	When the IBCF receives an INVITE request from the own network and the a SDP is present, the IBCF sends an INVITE request to the other network and the IBCF adds one or more codecs to the selected media at the end of the received codec list.			
SIP Parameter values	INVITE2:	dio <port number=""> RTP/AVP &</port>			
Comments			·		
Message flows	Mx	SUT	lc		
	INVITE1	→ Apply post test	→ INVITE2 routine		

	IBCF 111 014	Reference	[5.10.7 [1]			
TSS reference	Exit_Point/alg/sdp		•			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2	2.5/1 AND PICS 7.2.5/2				
Test Purpose name	The IBCF removes previous	s added codecs from the	SDP answer			
Test Purpose			e from the other network and the			
			to the SDP in the INVITE request sent			
	to the other network, it reme	oves this codecs from the	e codec list before sending the 200			
	OK INVITE to the own netw	ork.				
SIP Parameter values	INVITE1:					
	m=audio <po< th=""><th>rt number> RTP/AVP 8</th><th>0</th></po<>	rt number> RTP/AVP 8	0			
	INVITE2:					
	m=audio <port number=""> RTP/AVP 8 0 <codec1> (<codec2>)</codec2></codec1></port>					
	200 OK 1:					
	m=audio <port number=""> RTP/AVP 8 0 <codec1> (<codec2>)</codec2></codec1></port>					
	200 OK 2:					
	m=audio <port number=""> RTP/AVP 8 0</port>					
Comments						
Message flows	Mx	Mx SUT Ic				
	INVITE1	→	→ INVITE2			
	180 Ringing	←	 180 Ringing 			
	200 OK INVITE2	←	← 200 OK INVITE1			
	Apply post test routine					

TP number	IBCF_111_015	Reference	5.10.7 [1]		
TSS reference	Exit Point/alg/sdp	Exit Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND NOT PICS	7.2.5/1			
Test Purpose name	No transcoding performed				
Test Purpose	one of the codecs contained in	When the IBCF receives a 200 OK INVITE response from the other network and at least one of the codecs contained in the INVITE sent to the other network is present in the response from the other network, no transcoding is performed by the IBCF. The received			
	codec is contained in the 200 (OK INVITE response sent to i	ts own network.		
SIP Parameter values	INVITE2: m=audio <port 1:="" 200="" 2:<="" <port="" m="audio" n="" ok="" th=""><th>umber> RTP/AVP 8 0 umber> RTP/AVP 8 0 umber> RTP/AVP 0 umber> RTP/AVP 0</th><th></th></port>	umber> RTP/AVP 8 0 umber> RTP/AVP 8 0 umber> RTP/AVP 0 umber> RTP/AVP 0			
Comments					
Message flows	Mx INVITE1 → 180 Ringing ← 200 OK INVITE2	SUT	Ic INVITE2 180 Ringing 200 OK INVITE1		

TP number	IBCF 111 016	Reference	5.10.7 [1]	
TSS reference	Exit Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.5/	1 AND PICS 7.2.5/2		
Test Purpose name	Transcoding performed in the	BCF		
Test Purpose	When the IBCF receives a 200	OK INVITE response from the	ne other network and the SDP	
	answer does not contain a cod	ec belonging to the offer rece	eived in the INVITE from the	
	own network, the IBCF perforn	ns transcoding. A 200 OK IN\	/ITE is sent to its own network	
	and one of the codecs in the co	odec list received in the offer	from the own network is	
	present in the SDP answer and	I the m line is not set to a nor	n-zero port value.	
SIP Parameter values	INVITE1:			
	m=audio <port n<="" th=""><th>umber> RTP/AVP 8 0</th><th></th></port>	umber> RTP/AVP 8 0		
	INVITE2:			
	m=audio <port number=""> RTP/AVP 8 0 <codec1> (<codec2>)</codec2></codec1></port>			
	200 OK 1:			
	m=audio <port number=""> RTP/AVP <codec1></codec1></port>			
	200 OK 2:			
	m=audio <port number=""> RTP/AVP 8</port>			
	or			
	m=audio <port n<="" th=""><th>umber> RTP/AVP 0</th><th></th></port>	umber> RTP/AVP 0		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	→	INVITE2	
	180 Ringing ←	←	180 Ringing	
	200 OK INVITE2 ←	←	200 OK INVITE1	
		Apply post test routine		

TP number	IBCF_111_017	Reference	5.10.5 [1]	
TSS reference	Exit_Point/alg/sdp			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Passing of more than one m lir	nes		
Test Purpose	When the IBCF receives an INVITE request from the own network and the SDP contains more than one m lines, an INVITE request is sent to the other network and all received m lines are present in the SDP.			
SIP Parameter values	m=video 3400 R a=rtpmap:98 H2 INVITE2:	63 umber> RTP/AVP 8 0 TP/AVP 98		
Comments				
Message flows	Mx	SUT	lc	
	INVITE1 →	Apply post test routine	INVITE2	

TP number	IBCF 111 018	Refer	ence		5.10.5 [1]	
TSS reference	Exit_Point/alg/sc	lp			·	
Selection criteria	PICS 7.1.1/2	•				
Test Purpose name		est of resource reserven	/ation			
Test Purpose		When the IBCF receives an INVITE request from the own network and preconditions are				
•		requested, all requests and responses belonging to the precondition procedure are				
		relevant SDP conten				
SIP Parameter values	INVITE: Support	ed: precondition, 100)rel			
	SDP a=	SDP a=curr:gos local none				
	a=	curr:qos remote non	е			
		des:qos mandatory				
	a=	des:qos optional ren	note sendrecv			
	183: Require: 100rel					
	SDP a=	SDP a=curr:qos local none				
	a=curr:qos remote none					
		a=des:qos optional local sendrecv				
		des:qos mandatory		,		
		conf:qos remote ser	idrecv			
	UPDATE:					
		curr:qos local sendr				
		a=curr:qos remote none				
		a=des:qos mandatory local sendrecv				
		des:qos optional ren	note sendrecv			
	200 OK UPDATE	_				
		curr:qos local sendr				
		curr:qos remote sen				
		des:qos optional loc				
	a=	des:qos mandatory	remote sendrecv	'		
Comments			OUT			
Message flows	Mx	•	SUT		lc	
	INVITE	→		→	INVITE	
	183 Session Pro			(183 Session Progress	
	PRACK	→		→	PRACK	
	200 OK PRACK			(200 OK PRACK	
	UPDATE	→		→	UPDATE	
	200 OK UPDATE			←	200 OK UPDATE	
		Арр	ly post test rou	tine		

6.2 IBCF as an entry point

6.2.1 Registration

TP number	IBCF_201_001	Reference	5.10.3.1 3) [1]
TSS reference	Entry_Point/reg		
Selection criteria	PICS 7.2.1/1 AND PIC	CS 7.1.1/2	
Test Purpose name	WWW-Authenticate he	eader is passed unchanged	
Test Purpose	network, it forward the Unauthorized final res	request to the own (home)	st from a trusted domain outside its own network. If the IBCF receives the 401 network the WWW-Authenticate ase.
SIP Parameter values	401 1: WWW-Authent 401 2: WWW-Authent		
Comments			
Message flows	Mx REGISTER	SUT ←	lc ← REGISTER
	401 Unauthorized 2	→	401 Unauthorized 1

TP number	IBCF_201_002	Reference	5.10.3.1 3) [1]	
TSS reference	Entry_Point/reg			
Selection criteria	PICS 7.2.1/1 AND PICS 7.1.1/	2		
Test Purpose name	The Authorization header is pa	ssed unchanged		
Test Purpose	When an IBCF receives a SIP REGISTER request from a trusted domain outside its own network, it forward the request to the own (home) network. The Authorization header remains unchanged in the forwarded SIP request.			
SIP Parameter values	REGISTER 1: Authorization Path Require: patl P-Charging-\ REGISTER 2: Authorization Path Require: patl	n /ector: icid; orig-ioi		
Comments		-		
Message flows	Mx REGISTER 2 ← 200 OK REGISTER →	SUT ← →	Ic REGISTER 1 200 OK REGISTER	

TP number	IBCF 201 003	Reference	e	5.10.3.1 3) [1]		
TSS reference	Entry Point/re	Entry Point/reg				
Selection criteria	PICS 7.2.1/1 A	ND PICS 7.1.1/2				
Test Purpose name	The P-Associa unchanged	ted-URI, Path, Service-Ro	oute and P-Charging	-Vector headers are passed		
Test Purpose	When an IBCF receives a SIP 200 OK REGISTER request from its own network, it forwards the request to the other (visited) network. The P-Associated-URI, Path, Service-Route, P-Charging-Vector headers remain unchanged in the forwarded SIP response.					
SIP Parameter values	200 OK 2:	200 OK 1: P-Associated-URI Path Service-Route P-Charging-Vector: term-ioi Contact				
Comments						
Message flows	REGISTER 200 OK REGIST	←	SUT ← →	Ic REGISTER 200 OK REGISTER 2		

TP number	IBCF 201 004	Referer	ice	5.10.3.1 3) [1]	
TSS reference	Entry_Point/reg	<u>.</u>			
Selection criteria	PICS 7.2.1/1				
Test Purpose name	The Event and E	Expires header are pass	sed unchanged		
Test Purpose				trusted domain outside its	
	own network, it f	orward the request to t	he own (home) netw	ork. The Event header and	
	the Expires head	der remain unchanged	in the request.		
SIP Parameter values	SUBSCRIBE 1:	Event: reg P-Charging-Vector: ic	eid.		
	Expires: 600 000				
	SUBSCRIBE 2:				
	P-Charging-Vector: icid Expires: 600 000				
Comments		•			
Message flows	Mx		SUT	lc	
	The registration procedure was successful				
	SUBSCRIBE	-	· ←	SUBSCRIBE	
	200 OK SUBSCF	RIBE →	→	200 OK SUBSCRIBE	

TP number	IBCF 201 005	Reference	5.10.3.1 3) [1]			
TSS reference	Entry Point/reg					
Selection criteria	PICS 7.2.1/1					
Test Purpose name	The 'reginfo' body is p	passed unchanged				
Test Purpose			om a trusted domain outside its own			
		network, it forward the request to the own (home) network. The Event header and the				
		XML body remain unchanged in the request.				
SIP Parameter values	NOTIFY 1: Event:	•				
	Conten	t-Type: application/reginfo+:	xml			
	xml version="1.</th <th></th> <th></th>					
			o" version="1" state="partial">			
		or="sip:[<i>any value</i>]" id="[<i>any</i>				
		="[any value]" state="active	" event="registered"			
		duration-registered="0">				
		<ur><uri>sip:[any value]</uri></ur>				
	NOTIFY 2: Event:	rea				
	Content-Type: application/reginfo+xml					
	<reginfo state="partial" version="1" xmlns="u</th><th>rn:ietf:params:xml:ns:reginf</th><th>o"></reginfo>					
		or="sip:[any value]" id="[any				
		="[any value]" state="active				
		duration-registered="0">	•			
	<uri>si</uri>	o:[any value]				
Comments						
Message flows	Mx	SUT	lc			
		A subscription was				
	NOTIFY	←	← NOTIFY			
	200 OK NOTIFY	→	→ 200 OK NOTIFY			

TP number	IBCF_201_006	Reference	5.10.3.1 [1]
TSS reference	Entry_Point/reg		
Selection criteria	PICS 7.2.1/1 AND PICS 7.2.1.	7	
Test Purpose name	The IBCF selects an alternative	e entry point to the own netwo	rk if a 3xx was received
Test Purpose	When an IBCF receives a SIP	3xx (Redirection) response fro	om its own (home) network
	point to a previously forwarded	d SIP REGISTER request, it sh	nall select a new Network point
	and resend the Register reque	est to which it has not previous	ly forwarded the same request.
SIP Parameter values			
Comments	IUT configured with two entry	points to home network	
Message flows	Mx 2	Mx 1 SUT	lc
	R	EGISTER ←	← REGISTER
	33		
	REGISTER +		
	200 OK REGISTER →		→ 200 OK REGISTER
		Apply post test routine	

TP number	IBCF 201 007	Reference	5.10.3.1 [1]		
TSS reference	Entry_Point/reg				
Selection criteria	PICS 7.2.1/1 AND PICS 7.2.1/	7			
Test Purpose name	The IBCF selects an alternative	e entry point to the own networ	k if a 480 was received		
Test Purpose	When an IBCF receives a SIP 480 Temporarily Unavailable response from its own (home) network point to a previously forwarded SIP REGISTER request, it shall select a new Network point and resend the Register request to which it has not previously forwarded the same request.				
SIP Parameter values					
Comments	IUT configured with two entry p	points to own network			
Message flows	Mx 2 REGIS 480 Te		SUT IC ← REGISTER		
	REGISTER ← 200 OK REGISTER →	Apply post test routine	→ 200 OK REGISTER		

TP number	IBCF_201_008	Reference	5.10.3.1	[1]	
TSS reference	Entry_Point/reg	·			
Selection criteria	PICS 7.2.1/1 AND PI	CS 7.2.1/7			
Test Purpose name	The IBCF selects an received	alternative entry point to th	e own network if no res	ponse was	
Test Purpose	forwarded SIP REGIS	When an IBCF receives no response from its own (home) network point to a previously forwarded SIP REGISTER request, it shall select a new Network point and resend the Register request to which it has not previously forwarded the same request.			
SIP Parameter values					
Comments	IUT configured with t	wo entry points to own netw	vork		
Message flows	Mx 2	Mx 1 REGISTER	SUT ←	Ic REGISTER	
	REGISTER 200 OK REGISTER	← → Apply post te		200 OK REGISTER	

TP number	IBCF_201_009	Reference	5.10.3.1 3) [1]			
TSS reference	Entry_Point/reg		·			
Selection criteria	PICS 7.2.1/1					
Test Purpose name	The IBCF sends a 504 if a 480	to a REGISTER reque	st was received			
Test Purpose		If an IBCF receives no response to a SIP REGISTER request from all own network points, it shall send a SIP 504 Server Time-Out response to the P-CSCF.				
SIP Parameter values		•				
Comments						
Message flows	Mx	SUT	lc			
	REGISTER	←	← REGISTER			
	480 Temporarily Unavailable	→				
			→ 504 Server Time-Out			

TP number	IBCF_201_010	Reference	5.10.3.1 1) [1]
TSS reference	Entry_Point/reg	•	· · · · · · · · · · · · · · · · · · ·
Selection criteria	PICS 7.2.1/2		
Test Purpose name	REGISTER request f	rom a untrusted network receiv	ved, a 403 is sent
Test Purpose			rom a non-trusted domain outside its sponse to the sender of the request.
SIP Parameter values			
Comments	IMS configured as un	trusted domain for IUT	
Message flows	Mx	SUT	lc
-			← REGISTER
			→ 403 Forbidden

TP number	IBCF_201_011	Reference	5.10.3.1 1) [1]
TSS reference	Entry_Point/eg		
Selection criteria	NOT PICS 7.2.1/1		
Test Purpose name	REGISTER request f sent	from a untrusted network recei	ved roaming not supported, a 403 is
Test Purpose	network, it shall send		from a trusted domain outside its own use to the sender of the request if
SIP Parameter values			
Comments	IMS configured as un	ntrusted domain for IUT	
Message flows	Mx	SUT	lc
			← REGISTER
			→ 403 Forbidden

6.2.2 Basic call

TP number	IBCF_202_001	Reference	5.10.3.2 [1]			
TSS reference	Entry_Point/bcall					
Selection criteria	PICS 7.2.1/2					
Test Purpose name		A 403 is sent if a 'orig' parameter is present in the Route header in an INVITE request received from an untrusted network				
Test Purpose	topmost Route header in th	When an IBCF receives any SIP INVITE request, from a non-trusted domain and the topmost Route header in the request contains the 'orig' parameter, the IBCF shall send a SIP 403 (Forbidden) response to the originator of the request.				
SIP Parameter values	INVITE topmost Route header 'orig' parameter	-				
Comments						
Message flows	Mx	SUT Apply post test ro	Ic ← INVITE → 403 Forbidden			

TP number	IBCF_202_002	Reference	5.10.3.2 [1]	
TSS reference	Entry_Point/bcall			
Selection criteria	PICS 7.2.1/2			
Test Purpose name	P-Charging-Vector header field omitted from the INVITE reque			
Test Purpose	When an IBCF receives any SIP INVITE request, from a non-trusted domain and the topmost Route header in the request does not contain the 'orig' parameter, the IBCF shall remove all P-Charging-Vector header fields and all P-Charging-Function-Addresses header fields the request.			
SIP Parameter values	INVITE1 topmost Route header 'orig' parameter not present P-Charging-Vector P-Charging-Function-Addresses INVITE2: topmost Route header			
Comments	·			
Message flows	Mx INVITE2 ←	SUT ← Apply post test routine	IC INVITE1	

TP number	IBCF_202_003	Reference	5.10.3.2 [1]	
TSS reference	Entry_Point/bcall			
Selection criteria	PICS 7.2.1/2 AND PICS 7.2.2/	129		
Test Purpose name		A 403 is sent if a 'orig' parameter is present in the Route header in a MESSAGE request received from an untrusted network		
Test Purpose	When an IBCF receives any S topmost Route header in the re SIP 403 (Forbidden) response	equest contains the 'orig' para	meter, the IBCF shall send a	
SIP Parameter values	MESSAGE topmost Route header 'orig' parameter			
Comments	•			
Message flows	Mx	SUT ← →	Ic MESSAGE 403 Forbidden	
	Apply post test routine			

TP number	IBCF_202_004	Reference	5.10.3.2 [1]	
TSS reference	Entry_Point/bcall	Entry_Point/bcall		
Selection criteria	PICS 7.2.1/2 AND PICS 7.2.2	2/129		
Test Purpose name		lds and all P-Charging-Function equest received from an untru		
Test Purpose	When an IBCF receives any SIP MESSAGE request, from a non-trusted domain and the topmost Route header in the request does not contain the 'orig' parameter, the IBCF shall remove all P-Charging-Vector header fields and all P-Charging-Function-Addresses header fields the request.			
SIP Parameter values	MESSAGE 1 topmost Route header 'orig' parameter not present P-Charging-Vector P-Charging-Function-Addresses MESSAGE 2: topmost Route header			
Comments				
Message flows	Mx MESSAGE 2	SUT ← ← Apply post test routine	Ic MESSAGE 1	

TP number	IBCF_202_005	Reference	5.10.3.2 [1]
TSS reference	Entry_Point/bcall		
Selection criteria	PICS 7.2.1/2		
Test Purpose name	P-Charging-Vector header fiel omitted from an unknown requ		
Test Purpose	When an IBCF receives any u topmost Route header in the r SIP 403 (Forbidden) response	equest contains the orig para	ameter, the IBCF shall send a
SIP Parameter values	[unknown] topmost Route header 'orig' parameter		
Comments	<u> </u>		
Message flows	Mx	SUT ← Apply post test routine	lc [unknown] 403 Forbidden

TP number	IBCF 202 006	Reference	5.10.3.2 [1]
TSS reference	Entry Point/bcall		
Selection criteria	PICS 7.2.1/2		
Test Purpose name	A 403 is sent if a 'orig' parameter is present in the Route header in an unknown request received from an untrusted network		
Test Purpose	When an IBCF receives any unknown SIP request, from a non-trusted domain and the topmost Route header in the request does not contain the orig parameter, the IBCF shall remove all P-Charging-Vector header fields and all P-Charging-Function-Addresses header fields the request.		
SIP Parameter values	[unknown]1 topmost Route header 'orig' parameter not present P-Charging-Vector P-Charging-Function-Addresses [unknown] 2: topmost Route header		
Comments			
Message flows	Mx	SUT	lc
	[unknown] 2	←	[unknown] 1
	Apply post test routine		

TP number	IBCF_202_007	Reference	5.10.3.2 1 [1]
TSS reference	Entry_Point/bcall		
Selection criteria			
Test Purpose name	INVITE received, a 10	00 Trying is sent	
Test Purpose	When an IBCF receiv responds with a 100	•	rom the other network, the IBCF
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
			→ 100 Trying
		Apply post test	t routine

TP number	IBCF_202_009	Reference		4.4.6 [1]
TSS reference	Entry_Point/bcall			
Selection criteria	NOT PICS 7.2.1/2			
Test Purpose name	A Reason header is pa	assed in a SIP response		
Test Purpose	When an IBCF receives a response from within its own network and a Reason header field as indicated in table 6.2.2-1 is present, it leaves the Reason header fields in the SIP response if the other network is trusted.			
SIP Parameter values		SIP_response 1: Reason: Q.850;cause= Response_cause SIP_response 2: Reason: Q.850;cause= Response_cause		
Comments				
Message flows	Mx	SUT		lc
	INVITE	←	(INVITE
	SIP_response 1	→	→	SIP_response 2
	ACK	←	←	ACK

TP number	IBCF_202_010	Reference	4.4.6 [1]
TSS reference	Entry_Point/bcall		
Selection criteria	PICS 7.2.1/2		
Test Purpose name	A Reason header is removed to	rom a SIP response if the oth	er network in untrusted
Test Purpose	When an IBCF receives a response from within its own network and a Reason header field is present, it removes the Reason header fields from the SIP response as indicated in table 6.2.2-1 if the other network is untrusted.		
SIP Parameter values	SIP_response 1: Reason: Q.8 SIP response 2:	50;cause= Response_cause	
Comments			
Message flows	Mx	SUT	lc
	INVITE ←	+	INVITE
	SIP_response 1 →	→	SIP_response 2
	ACK ←	+	ACK

Table 6.2.2-1: Receipt of the Reason header in response

Response_cause	← SIP_response
	Status code
	Reason header
VA_01	404 Not Found
	Reason: Q.850; cause=1 (unallocated (unassigned) number)
VA_02	500 Server Internal error
	Reason: Q.850; cause=2 (no route to network)
VA_03	500 Server Internal error
	Reason: Q.850; cause=3 (no route to destination)
VA_04	500 Server Internal error
	Reason: Q.850; cause=4 (Send special information tone)
VA_05	404 Not Found
1/4 00	Reason: Q.850; cause=5 (Misdialled trunk prefix)
VA_06	486 Busy Here
\/A 07	Reason: Q.850; cause=17 (user busy)
VA_07	480 Temporarily unavailable
\/A 00	Reason: Q.850; cause=18 (no user responding)
VA_08	480 Temporarily unavailable
VA 00	Reason: Q.850; cause=19 (no answer from the user)
VA_09	480 Temporarily unavailable Reason: Q.850; cause=20 (subscriber absent)
VA_10	603 Decline
VA_10	Reason: Q.850; cause=21 (call rejected)
VA_11	480Temporarily unavailable
VA_11	Reason: Q.850; cause=21 (call rejected)
VA 12	410 Gone
V/_12	Reason: Q.850; cause=22 (number changed)
VA_13	433 Anonymity Disallowed
V/_10	Reason: Q.850; cause=24 (call rejected due to ACR supplementary
	service)
VA 14	483 Too many hops
_	Reason: Q.850; cause=25 (Exchange routing error)
VA_15	480 Temporarily unavailable
_	Reason: Q.850; cause=26 (Non-selected user clearing)
VA_16	502 Bad Gateway
	Reason: Q.850; cause=27 (destination out of order)
VA_17	484 Address Incomplete
	Reason: Q.850; cause=28 invalid number format (address incomplete)
VA_18	500 Server Internal error
	Reason: Q.850; cause=29 (facility rejected)
VA_19	480 Temporarily unavailable
	Reason: Q.850; cause=31 (normal unspecified)
VA_20	486 Busy here
\/A 0.4	Reason: Q.850; cause=34 (No circuit/channel available)
VA_21	480 Temporarily unavailable
\/A 00	Reason: Q.850; cause=34 (No circuit/channel available)
VA_22	500 Server Internal error
\/A 22	Reason: Q.850; cause=41 (Temporary failure) 500 Server Internal error
VA_23	
\/A 24	Reason: Q.850; cause=50 (requested facility no subscribed) 603 Decline
VA_24	Reason: Q.850; cause=55 (Incoming class barred within Closed User
	Group)
VA_25	403 Forbidden
	Reason: Q.850; cause=57 (bearer capability not authorized)
VA 26	500 Server Internal error
· · · <u>_ = ·</u>	Reason: Q.850; cause=58 (bearer capability not presently)
VA 27	500 Server Internal error
· · · · <u>- · ·</u>	Reason: Q.850; cause=63 (service option not available, unspecified)

Response_cause	← SIP_response
	Status code
	Reason header
VA_28	500 Server Internal error
	Reason: Q.850; cause=65 (Bearer capability not implemented)
VA_29	403 Forbidden
	Reason: Q.850; cause=87 (User not member of Closed User Group)
VA_30	500 Server Internal error
	Cause value No 88 (incompatible destination)
VA_31	403 Forbidden
	Reason: Q.850; cause=90 (Non existing Closed User Group)
VA_32	500 Server Internal error
	Reason: Q.850; cause=91 (invalid transit network selection)
VA_33	500 Server Internal error
	Reason: Q.850; cause=95 (invalid message)
VA_34	501 Not Implemented
	Reason: Q.850; cause=97 (Message type non-existent or not
	implemented)
VA_35	501 Not Implemented
	Reason: Q.850; cause=99 (information element/parameter non-existent
	or not implemented))
VA_36	480 Temporarily unavailable
	Reason: Q.850; cause=102 (recovery on timer expiry)
VA_37	501 Not Implemented
	Reason: Q.850; cause=110 (Message with unrecognized Parameter,
	discarded)
VA_38	500 Server Internal error
	Reason: Q.850; cause=111 (protocol error, unspecified)
VA_39	500 Server Internal error
	Reason: Q.850; cause=127 (interworking unspecified)

TP number	IBCF_202_011	Reference	4.4.8 [1]	
TSS reference	Entry_Point/bcall	Entry Point/bcall		
Selection criteria	NOT PICS 7.2.1/2 AND NOT F	PICS 7.2.2/4		
Test Purpose name	The P-Profile-Key header field	is passed if the other network	is trusted	
Test Purpose	When the IBCF receives an ini P-Profile-Key header field is pr			
	P-Profile-Key header field is le	ft in the request.		
SIP Parameter values	INVITE1: P-Profile-Key: <sip: identity@hostportion="" public="" service="" wildcarded=""> INVITE2: P-Profile-Key: <sip: identity@hostportion="" public="" service="" wildcarded=""></sip:></sip:>			
Comments				
Message flows	Mx	SUT	lc	
	← INVITE1			
	INVITE2 ← → 100 Trying			
		Apply post test routine		

TP number	IBCF_202_012	Reference	4.4.8 [1]
TSS reference	Entry_Point/bcall		
Selection criteria	NOT PICS 7.2.1/2 AN	ND NOT PICS 7.2.2/4	
Test Purpose name	The P-Profile-Key he	ader field is removed if the ot	her network is trusted
Test Purpose	When the IBCF receives an initial INVITE request from the other trusted network and a P-Profile-Key header field is present, the INVITE is forwarded to the own network and the P-Profile-Key header field is removed from the request.		
SIP Parameter values	INVITE1: P-Profile-K INVITE2:	Key: <sip:<i>Wildcarded Public S</sip:<i>	ervice Identity@Hostportion>
Comments			
Message flows	Mx	SUT	lc ← INVITE1
	INVITE2	← Apply post test ı	→ 100 Trying routine

TP number	IBCF_202_013	Reference	4.4.8 [1]
TSS reference	Entry_Point/bcall		
Selection criteria	PICS 7.2.1/2		
Test Purpose name	The P-Profile-Key he	eader field is removed if the	other network is untrusted
Test Purpose	P-Profile-Key header		est from the other untrusted network and a E is forwarded to the own network and the request.
SIP Parameter values	INVITE1: P-Profile-h	Key: <sip:<i>Wildcarded Publi</sip:<i>	Service Identity@Hostportion>
Comments			
Message flows	Mx	SUT	lc
			← INVITE1
	INVITE2	←	→ 100 Trying
	Apply post test routine		

TP number	IBCF_202_014	Reference	4.4.8 [1]		
TSS reference	Entry_Point/bcall				
Selection criteria	NOT PICS 7.2.1/2 AN	D NOT PICS 7.2.2/5			
Test Purpose name	The P-Served-User he	eader field is passed if the oth	ner network is trusted		
Test Purpose	P-Served-User heade	When the IBCF receives an initial INVITE request from the other trusted network and a P-Served-User header field is present, the INVITE is forwarded to the own network and the P-Served-User header field is left in the request.			
SIP Parameter values		INVITE1: P-Served-User: <sip:user@example.com>; sescase=orig; regstate=reg INVITE2: P-Served-User: <sip:user@example.com>; sescase=orig; regstate=reg</sip:user@example.com></sip:user@example.com>			
Comments					
Message flows	Mx	SUT	ic ← INVITF1		
	INVITE2	←	→ 100 Trying		
	Apply post test routine				

TP number	IBCF_202_015	Reference	4.4.8 [1]		
TSS reference	Entry_Point/bcall	Entry Point/bcall			
Selection criteria	NOT PICS 7.2.1/2 AND NOT F	PICS 7.2.2/5			
Test Purpose name	The P-Served-User header fiel	d is removed if the other netwo	ork is trusted		
Test Purpose	When the IBCF receives an initial INVITE request from the other trusted network and a P-Served-User header field is present, the INVITE is forwarded to the own network and the P-Served-User header field is removed from the request.				
SIP Parameter values	INVITE1: P-Served-User: <sip:user@example.com>; sescase=orig; regstate=reg INVITE2:</sip:user@example.com>				
Comments					
Message flows	Mx	SUT	lc INVITE1		
	INVITE2 ←	Apply post test routine	100 Trying		

TP number	IBCF_202_016	Reference	4.4.8 [1]		
TSS reference	Entry_Point/bcall				
Selection criteria	PICS 7.2.1/2				
Test Purpose name	The P-Served-User h	eader field is removed if the	other network is untrusted		
Test Purpose	When the IBCF receives an initial INVITE request from the other untrusted network and a P-Served-User header field is present, the INVITE is forwarded to the own network and the P-Served-User header field is removed from the request.				
SIP Parameter values	INVITE1: P-Served-User: <sip:user@example.com>; sescase=orig; regstate=reg INVITE2:</sip:user@example.com>				
Comments					
Message flows	Mx	SUT	lc		
			← INVITE1		
	INVITE2	←	→ 100 Trying		
		Apply post test	routine		

TP number	IBCF_202_017_A	Reference	4.4.10 [1]			
TSS reference	Entry_Point/bcall					
Selection criteria	NOT PICS 7.2.1/2 AND PICS	7.2.2/61				
Test Purpose name	The P-Private-Network-Indicate	tion header field is passed if th	e other network is trusted			
Test Purpose	When the IBCF receives an initial INVITE request from the other trusted network and a P P-Private-Network-Indication header field is present, the INVITE is forwarded to the own network and the P-Private-Network-Indication header field is left in the request.					
SIP Parameter values		INVITE1: P-Private-Network-Indication: [any URI] INVITE2: P-Private-Network-Indication: [any URI]				
Comments						
Message flows	Mx	SUT	lc			
		←	INVITE1			
	INVITE2	· →	100 Trying			
		Apply post test routine				

TP number	IBCF_202_017_B	Reference	4.4.10 [1]		
TSS reference	Entry_Point/bcall	•			
Selection criteria	NOT PICS 7.2.1/2 AN	D NOT PICS 7.2.2/61			
Test Purpose name	The P-Private-Network	c-Indication header field is re	moved if the other network is trusted		
Test Purpose	P-Private-Network-Ind	When the IBCF receives an initial INVITE request from the other trusted network and a P P-Private-Network-Indication header field is present, the INVITE is forwarded to the own network and the P-Private-Network-Indication header field is removed in the request.			
SIP Parameter values	INVITE1: P-Private-N INVITE2:	etwork-Indication: [any URI]			
Comments					
Message flows	Mx	SUT	ic ← INVITE1		
	INVITE2	← Apply post test r	→ 100 Trying outine		

TP number	IBCF_202_018	Reference	4.4.10 [1]		
TSS reference	Entry_Point/bcall				
Selection criteria	PICS 7.2.1/2 AND NOT PICS	7.2.2/61			
Test Purpose name	The P-Private-Network-Indica	tion header field is removed if t	the other network is untrusted		
Test Purpose	When the IBCF receives an initial INVITE request from the other untrusted network and a P-Private-Network-Indication header field is present, the INVITE is forwarded to the own network and the P-Private-Network-Indication header field is removed from the request.				
SIP Parameter values	INVITE1: P-Private-Network-INVITE2:	INVITE1: P-Private-Network-Indication: [any URI] INVITE2:			
Comments					
Message flows	Mx	SUT	Ic INVITE1		
	INVITE2	Apply post test routine	100 Trying		

TP number	IBCF_202_019	Reference	4.4.5 [1]		
TSS reference	Entry_Point/bcall				
Selection criteria	PICS 7.2.1/2				
Test Purpose name	The P- P-Asserted-Se	ervice header field is remove	d if the other network is untrusted		
Test Purpose	P-Asserted-Service h	When the IBCF receives an initial INVITE request from the other untrusted network and a P-Asserted-Service header field is present, the INVITE is forwarded to the own network and the P-Asserted-Service header field is removed from the request.			
SIP Parameter values	INVITE1: P-Asserted INVITE2:	INVITE1: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1 INVITE2:			
Comments					
Message flows	Mx	SUT	lc		
			← INVITE1		
	INVITE2	←	→ 100 Trying		
	Apply post test routine				

TP number	IBCF_202_020	Reference	4.4.5 [1]	
TSS reference	Entry_Point/bcall	·	·	
Selection criteria	NOT PICS 7.2.1/2 AND	PICS 7.2.2/6		
Test Purpose name	The P- P-Asserted-Ser	vice header field is remove	d if the other network is trusted	
Test Purpose	When the IBCF receives an initial INVITE request from the other trusted network and a P-Asserted-Service header field is present, the INVITE is forwarded to the own network and the P-Asserted-Service header field is removed from the request.			
SIP Parameter values	INVITE1: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1			
Comments				
Message flows	Mx	SUT	lc	
			← INVITE1	
	INVITE2	←	→ 100 Trying	
	Apply post test routine			

TP number	IBCF_202_021	Reference	4.4.5 [1]		
TSS reference	Entry_Point/bcall	•	<u> </u>		
Selection criteria	NOT PICS 7.2.1/2 AN	D NOT PICS 7.2.2/6			
Test Purpose name	The P- P-Asserted-Se	rvice header field is left if the	other network is trusted		
Test Purpose	P-Asserted-Service he	When the IBCF receives an initial INVITE request from the other trusted network and a P-Asserted-Service header field is present, the INVITE is forwarded to the own network and the P-Asserted-Service header field is present in the request.			
SIP Parameter values		INVITE1: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1 INVITE2: P-Asserted-Service: urn:urn-7:3gpp-service.exampletelephony.version1			
Comments					
Message flows	Mx	SUT	ic ← INVITF1		
	INVITE2	← Apply post test r	→ 100 Trying		

TP number	IBCF_202_022	Reference	5.10.6.2 [1]	
TSS reference	Entry_Point/bcall			
Selection criteria	PICS 7.2.2/7 AND PI	CS 7.1.1/2		
Test Purpose name	P-Early-Media not red	ceived IBCF adds a P-Early	/-Media header to the INVITE	
Test Purpose	When the IBCF receives an INVITE request from the other network and no P-Early-Media header is present, ensure that a P-Early-Media header is included in the INVITE request sent to the own network.			
SIP Parameter values	INVITE1: INVITE2: P-Early-Me	edia:supported		
Comments				
Message flows	Mx	SUT	lc	
	INVITE2	← Apply post tes	← INVITE1 t routine	

TP number	IBCF_202_023	Reference	5.10.6.2 [1]
TSS reference	Entry_Point/bcal	II	
Selection criteria	PICS 7.2.2/8 AN	ID PICS 7.1.1/2	
Test Purpose name	P-Early-Media n	ot received IBCF adds a P-Earl	y-Media header to the 180 response
Test Purpose	P-Early-Media h		se from the own network and no P-Early-Media header is included in the
SIP Parameter values	180 Ringing 1: 180 Ringing 2:	P-Early-Media:	
Comments		•	
Message flows	Mx INVITE 180 Ringing 1	SUT ← → Apply post te	Ic ← INVITE → 180 Ringing 2 st routine

TP number	IBCF_202_024	Reference	5.10.6.2 [1]		
TSS reference	Entry_Point/bcall				
Selection criteria	PICS 7.2.2/8 AND PICS 7.1.1	1/2			
Test Purpose name	P-Early-Media not received If	BCF adds a P-Early-Media hea	der to the 183 response		
Test Purpose		3 Session Progress response			
	P-Early-Media header is pres	ent, ensure that a P-Early-Med	lia header is included in the		
	183 Session Progress respor	se sent to the other network.			
SIP Parameter values	183 Session Progress 1:				
	183 Session Progress 2:P-Ea	183 Session Progress 2:P-Early-Media:			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	÷	INVITE		
	180 Ringing	→	180 Ringing		
	183 Session Progress 1	→	183 Session Progress 2		
		Apply post test routine	3		

TP number	IBCF_202_025	Reference	5.10.6.2 [1]		
TSS reference	Entry_Point/bcall				
Selection criteria	PICS 7.2.2/9 AND PICS 7.1.1/2				
Test Purpose name	P-Early-Media received IBCF removes the P-Early-Media header from the INVITE				
Test Purpose	When the IBCF receives an INVITE request from the other network and a P-Early-Media header is present, ensure that the P-Early-Media header is removed from the INVITE request sent to the own network.				
SIP Parameter values	INVITE1: P-Early-Media: supp INVITE2:	ported			
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 Apply post test routine				

TP number	IBCF_202_026	Reference	5.10.6.2 [1]			
TSS reference	Entry_Point/bcall	Entry_Point/bcall				
Selection criteria	PICS 7.2.2/10 AND PICS 7.1.	PICS 7.2.2/10 AND PICS 7.1.1/2				
Test Purpose name	P-Early-Media received IBCF	P-Early-Media received IBCF removes the P-Early-Media header from the 180 response				
Test Purpose	When the IBCF receives a 180 Ringing response from the own network and a P-Early-Media header is present, ensure that the P-Early-Media header is removed from the 180 Ringing response sent to the other network.					
SIP Parameter values	180 Ringing 1: P-Early-Med 180 Ringing 2:	ia: "sendrecv"				
Comments						
Message flows	Mx INVITE ← 180 Ringing 1	-	Ic INVITE 180 Ringing 2			

TP number	IBCF_202_027	Reference	5.10.6.2 [1]			
TSS reference	Entry_Point/bcall		· · · · · ·			
Selection criteria	PICS 7.2.2/10 AND PICS 7	PICS 7.2.2/10 AND PICS 7.1.1/2				
Test Purpose name	P-Early-Media received IB0	P-Early-Media received IBCF removes the P-Early-Media header from the 183 response				
Test Purpose	P-Early-Media header is pr	When the IBCF receives a 183 Session Progress response from the own network and a P-Early-Media header is present, ensure that the P-Early-Media header is removed from the 183 Session Progress response sent to the other network.				
SIP Parameter values	183 Session Progress 1:P- 183 Session Progress 12:	183 Session Progress 1:P-Early-Media: "sendrecv"				
Comments	_					
Message flows	Mx	SUT	Ic			
_	INVITE	←	← INVITE			
	180 Ringing	→	→ 180 Ringing			
	183 Session Progress 1	→	→ 183 Session Progress 2			
	Apply post test routine					

TP number	IBCF_202_028	Reference	5.10.6.2 [1]		
TSS reference	Entry_Point/bcall	Entry Point/bcall			
Selection criteria	PICS 7.2.2/11 AND PICS 7.1.1	1/2			
Test Purpose name	P-Early-Media received IBCF r	modifies the P-Early-Media he	ader in the 180 response		
Test Purpose	When the IBCF receives a 180				
	P-Early-Media header is prese	nt, ensure that the P-Early-Me	edia header is modified in the		
	180 Ringing response sent to t	he other network.			
SIP Parameter values	180 Ringing 1: P-Early-Med	ia:			
	180 Ringing 2: P-Early-Media: Not equal to the received value				
Comments					
Message flows	Mx	SUT	Ic		
_	INVITE ←	←	INVITE		
	180 Ringing 1 →	→	180 Ringing 2		
	Apply post test routine				

TP number	IBCF_202_029	Reference	5.10.6.2 [1]
TSS reference	Entry Point/bcall	•	<u> </u>
Selection criteria	PICS 7.2.2/11 AND PICS	7.1.1/2	
Test Purpose name	P-Early-Media received IB	CF modifies the P-Early-	Media header in the 183 response
Test Purpose	When the IBCF receives a 183 Session Progress response from the own network and a P-Early-Media header is present, ensure that the P-Early-Media header is modified in the 183 Session Progress response sent to the other network.		
SIP Parameter values	183 Session Progress 1:	P-Early-Media: lot equal to	
Comments		•	
Message flows	Mx INVITE 183 Session Progress	SUT ← →	lc ← INVITE → 183 Session Progress
		Apply post test re	outine

TP number	IBCF_202_030	Reference	5.10.6.2 [1]	
TSS reference	Entry_Point/bcall			
Selection criteria	PICS 7.2.2/12			
Test Purpose name	P-Asserted-Identity no	ot received IBCF adds a P-A	sserted-Identity to an INVITE request	
Test Purpose	P-Asserted-Identity is	When the IBCF receives an INVITE request from the other network and no P-Asserted-Identity is present, ensure that a network specific P-Asserted-Identity is included in the INVITE request sent to the own network.		
SIP Parameter values	INVITE1: INVITE2: P-Asserted-Identity: <[network specific URI]>			
Comments		•	•	
Message flows	Mx INVITE2	SUT ← Apply post test	Ic ← INVITE1 routine	

TP number	IBCF_202_030A	Reference	5.10.6.2 [1]		
TSS reference	Entry_Point/bcall	Entry Point/bcall			
Selection criteria	NOT PICS 7.2.2/19 AN	ND NOT PICS 7.2.2/20			
Test Purpose name	P-Asserted-Identity su	pported in the INVITE requ	est		
Test Purpose			the other network and a t a the P-Asserted-Identity is included in		
SIP Parameter values	INVITE: P-Asserted-Identity: <[any URI]>				
Comments					
Message flows	Mx	SUT	lc		
-	INVITE Apply post test routine				

TP number	IBCF_202_031	Reference	5.10.6.2 [1]
TSS reference	Entry_Point/bcall	·	
Selection criteria	PICS 7.2.2/19 AND F	PICS 7.2.2/20	
Test Purpose name	P-Asserted-Identity r	eceived IBCF replaces the P-	Asserted-Identity in an INVITE request
Test Purpose	When the IBCF receives an INVITE request from the other network and a P-Asserted-Identity is present, ensure that a network specific P-Asserted-Identity is included and the received P-Asserted-Identity is removed in the INVITE request sent to the own network.		
SIP Parameter values	INVITE1: P-Asserted-Identity: <[any URI]> INVITE2: P-Asserted-Identity: <[network specific URI]>		
Comments			
Message flows	Mx INVITE	SUT Apply post test r	Ic ← INVITE routine

TP number	IBCF_202_032	Reference	5.10.6.2 [1]		
TSS reference	Entry Point/bcall	Entry Point/bcall			
Selection criteria	PICS 7.2.2/20				
Test Purpose name	P-Asserted-Identity re-	ceived IBCF omits the P-Asse	erted-Identity from the INVITE request		
Test Purpose	P-Asserted-Identity is	es an INVITE request from the present, ensure that the rece TE request sent to the own ne	ived P-Asserted-Identity header is		
SIP Parameter values		INVITE1: P-Asserted-Identity: <[any URI]>			
Comments					
Message flows	Mx	SUT	lc		
_	INVITE				

TP number	IBCF 202 033	Reference	5.10.6.2 [1]		
TSS reference	Entry Point/bcall	1			
Selection criteria	PICS 7.2.2/19 AND PICS 7	.2.2/20			
Test Purpose name	P-Asserted-Identity received	d IBCF replaces the P-Assert	ed-Identity in an INFO request		
Test Purpose	When the IBCF receives an INFO request from the other network and a P-Asserted-Identity is present, ensure that a network specific P-Asserted-Identity is included and the received P-Asserted-Identity is removed in the INFO request sent to the own network.				
SIP Parameter values		INFO 1: P-Asserted-Identity: <[any URI]> INFO 2: P-Asserted-Identity: <[network specific URI]>			
Comments	The INFO request sent to the element	ne other network contains a X	ML mcid McidRequestIndicator		
Message flows	MX INVITE INFO 200 OK INFO INFO 2 200 OK INFO	→ ← ←	IC INVITE INFO 200 OK INFO INFO 1 200 OK INFO		

TP number	IBCF_202_034	Reference	5.10.2 [1],
			16.6 [19]
TSS reference	Entry_Point/bcall		
Selection criteria	NOT PICS 7.1.1/2		
Test Purpose name	A Via header is added in the II	NVITE	
Test Purpose SIP Parameter values	Ensure that the IBCF on receipt of an INVITE request from the other network forwards the message to the own network after having inserted in first position a Via header set to its location with a protocol name set to SIP, a protocol version set to 2.0 and a branch parameter beginning with "z9hG4bK" - to the received list of Via headers. INVITE1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]		
	INVITE2: VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value] VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]		
Comments			
Message flows	Mx	SUT	lc
	INVITE2 ←	←	INVITE1
	Apply post test routine		

TP number	IBCF_202_035	Reference	5.10.2 [1],		
TSS reference	Entry Point/bcall		16.4 [19]		
Selection criteria	NOT PICS 7.1.1/2				
Test Purpose name	A Via header is added	I in the ACK			
Test Purpose	message to the other location with a protoco	Ensure that the IUT on receipt of an ACK request from the own network forwards the message to the other network after having inserted in first position a Via header - set to its location with a protocol name set to SIP, a protocol version set to 2.0 and a branch parameter beginning with "z9hG4bK" - to the received list of Via headers.			
SIP Parameter values	ACK 1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value] ACK 2: VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value] VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK 2	SUT ← → → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK 1		
	Apply post test routine				

TP number	IBCF_202_036	Reference	5.10.2 [1],	
			16.6 [19]	
TSS reference	Entry_Point/bcall			
Selection criteria	NOT PICS 7.1.1/2			
Test Purpose name	A Via header is added in the C	_		
Test Purpose	Ensure that the IUT on receipt			
	message to the own network a			
	location with a protocol name s			
	parameter beginning with "z9h	G4bK" - to the received list of	Via headers.	
SIP Parameter values	CANCEL 1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]			
	CANCEL 2: VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value]			
	VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE ←	←	INVITE	
	180 Ringing →	→	180 Ringing	
	CANCEL 2	←	CANCEL 1	
	Apply post test routine			

TP number	IBCF_202_037	Reference	5.10.2 [1],
			16.6 [19]
TSS reference	Entry_Point/bcall		
Selection criteria	NOT PICS 7.1.1/2		
Test Purpose name	A Via header is added in the	BYE	
Test Purpose SIP Parameter values	Ensure that the IUT on receipt of a BYE request from the other network forwards the message to the own network after having inserted in first position a Via header - set to its location with a protocol name set to SIP, a protocol version set to 2.0 and a branch parameter beginning with "z9hG4bK" - to the received list of Via headers.		
	BYE 1: VIA: SIP/2.0/[transport] [any URI 1];branch=[any value] BYE 2:VIA: SIP/2.0/[transport] [URI of IBCF];branch= z9hG4bK[any value] VIA: SIP/2.0/[transport] [any URI 1];branch=[any value]		
Comments			
Message flows	Mx	SUT	lc
	BYE 2	÷	BYE 1
	Apply post test routine		

TP number	IBCF_202_038	Reference	5.10.2 [1],
			16.4 [19]
TSS reference	Entry_Point/bcall		
Selection criteria	NOT PICS 7.1.1/2		
Test Purpose name	The Route header of the	e IBCF is removed from the	e top of Route headers in ACK
Test Purpose	Ensure that the IUT on	receipt of an ACK request	from the other network including a
	Route header with the f	irst value indicates the IUT	, removes that value from the request
	and forwards the messa	age to the own network.	
SIP Parameter values	ACK 1: Route: <sip:[< th=""><th>URI of IBCF];Ir></th><th></th></sip:[<>	URI of IBCF];Ir>	
	Route: <sip:[< th=""><th>any URI];lr></th><th></th></sip:[<>	any URI];lr>	
	ACK 2: Route: <sip:[< th=""><th>any URI];lr></th><th></th></sip:[<>	any URI];lr>	
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	180 Ringing	→	→ 180 Ringing
	200 OK INVITE	→ 200 OK INVITE	
	ACK 2	←	← ACK 1
	Apply post test routine		

TP number	IBCF_202_039	Refe	rence	5.10.2 [1]	
TSS reference	Entry Point/bcall				
Selection criteria	NOT PICS 7.1.1/2				
Test Purpose name	ACK without Route he	eader received			
Test Purpose				the other network without a Fequest-URI in the own networ	
SIP Parameter values				•	
Comments					
Message flows	Mx		SUT	lc	
	INVITE	←		← INVITE	
	180 Ringing	→		→ 180 Ringing	
	200 OK INVITE	→		→ 200 OK INVITE	
	ACK	←		← ACK	
1		Ар	ply post test rout	ine	

TP number	IBCF_202_040	Reference	5.10.2 [1]			
TSS reference	Entry_Point/bcall					
Selection criteria						
Test Purpose name	The Route header of the IBCF	is removed from the top of Re	oute headers in CANCEL			
Test Purpose	Route header with the first val	Ensure that the IUT on receipt of a CANCEL request from the other network including a Route header with the first value indicates the IUT, removes that value from the request and forwards the message to the own network.				
SIP Parameter values	CANCEL 1: Route: <sip:[ur Route: <sip:[any CANCEL 2: Route: <sip:[any< th=""><th>/ URI]>;Ir</th><th></th></sip:[any<></sip:[any </sip:[ur 	/ URI]>;Ir				
Comments						
Message flows	Mx INVITE 180 Ringing CANCEL 2	• →	Ic INVITE 180 Ringing CANCEL 1			

TP number	IBCF_202_041	Refe	rence		5.10.2 [1]
TSS reference	Entry Point/bcall				• •
Selection criteria					
Test Purpose name	CANCEL without Rou	te header rece	ived		
Test Purpose					ne other network without a Request-URI in the own
SIP Parameter values					
Comments					
Message flows	Mx INVITE 180 Ringing CANCEL	← → ←	SUT	← → ← utine	Ic INVITE 180 Ringing CANCEL

TP number	IBCF_202_042	Reference	5.10.2 [1]		
TSS reference	Entry_Point/bcall		·		
Selection criteria					
Test Purpose name	The Route header of the IBCF	is removed from the top of Ro	oute headers in BYE		
Test Purpose	Ensure that the IUT on receipt of a BYE request from the other network including a Route header with the first value indicates the IUT, removes that value from the request and forwards the message to the own network.				
SIP Parameter values	BYE 1:Route: <sip:[uri ibc<br="" of="">Route: <sip:[any]="" uri=""> BYE 2:Route: <sip:[any]="" uri=""></sip:[any></sip:[any></sip:[uri>	;Ir			
Comments					
Message flows	Mx BYE 2 ←	SUT Apply post test routine	Ic BYE 1		

TP number	IBCF_202_043	Reference	5.10.6.2 [1]
TSS reference	Entry_Point/bcall		
Selection criteria			
Test Purpose name	BYE without Route header rec	eived	
Test Purpose	Ensure that the IUT on receipt	of a BYE request from the oth	er network without a Route
	header, forwards the message	to the address in the Request	t-URI in the own network.
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
	INVITE ←	←	INVITE
	180 Ringing →	→	180 Ringing
	200 OK INVITE ←	←	200 OK INVITE
	BYE ←	←	BYE
	200 OK BYE →	→	200 OK BYE
		Apply post test routine	

6.2.3 Screening of SIP signalling

6.2.3.1 Basic call requirements

TP number	IBCF_203_001_A	Refe	rence	Annex A [3]	
TSS reference	Entry_Point/scr/bc	all			
Selection criteria	PICS 7.1.1/3 AND	PICS 7.2.2/25			
Test Purpose name	Accept header sup	ported in INVITE			
Test Purpose		at an INVITE reque	est is sent to the ow	her network containing an Acc n network and the Accept hea	
SIP Parameter values	INVITE: Accept:	multipart/mixed			
Comments					
Message flows	Mx		SUT	lc	
	INVITE				

TP number	IBCF_203_001_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/25	
Test Purpose name	Accept header not supported in	NVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE is not present.		
SIP Parameter values	INVITE1: Accept: multipart/mi: INVITE2:	ked	
Comments			
Message flows	Mx	SUT	lc
	INVITE2 ←	← Apply post test routine	INVITE1

TP number	IBCF_203_002_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	25			
Test Purpose name	Accept header supported in 20	0 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept header, ensure that a 200 OK INVITE response is sent to the other network and the Accept header is present as received from the own network.				
SIP Parameter values	200 OK: Accept: application/s	sdp			
Comments					
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE →	SUT ← → Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE		

TP number	IBCF_203_002_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NOT	Γ PICS 7.2.2/25				
Test Purpose name	Accept header not sup	ported in 200 OK				
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept header, ensure that a 200 OK INVITE response is sent to the other network and the Accept header is not present.					
SIP Parameter values	200 OK1: Accept: appl 200 OK2:	lication/sdp				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing	→	→ 180 Ringing			
	200 OK INVITE1	→	→ 200 OK INVITE2			
		Apply post test	Apply post test routine			

TP number	IBCF_203_003_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/2	25			
Test Purpose name	Accept header supported in BY	É			
Test Purpose	When the IBCF receives a BYE request from the other network containing an Accept header, ensure that a BYE request is sent to the own network and the Accept header is present as received from the other network.				
SIP Parameter values	BYE: Accept: application/sdp				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE ←	←	BYE		
	Apply post test routine				

TP number	IBCF_203_003_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/25				
Test Purpose name	Accept header not su	ipported in BYE				
Test Purpose	When the IBCF receives a BYE request from the other network containing an Accept header, ensure that a BYE request is sent to the own network and the Accept header is not present.					
SIP Parameter values	BYE1: Accept: applic BYE2:	cation/sdp				
Comments						
Message flows	Mx	SUT	Ic			
	A session is already established					
	BYE2 ← BYE1					
	Apply post test routine					

TP number	IBCF_203_004_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	18			
Test Purpose name	Accept-Contact header suppor	ted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing an				
	Accept-Contact header, ensure				
	Accept-Contact header is pres	ent as received from the other	network.		
SIP Parameter values	INVITE: Accept-Contact: * mobility="mobile";language="en,de"				
Comments					
Message flows	Mx SUT Ic				
	INVITE	(INVITE		
	Apply post test routine				

TP number	IBCF_203_004_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/18			
Test Purpose name	Accept-Contact header not sup				
Test Purpose	Accept-Contact header, ensure	When the IBCF receives an INVITE request from the other network containing an Accept-Contact header, ensure that an INVITE request is sent to the own network and the Accept-Contact header is not present.			
SIP Parameter values	INVITE1: Accept-Contact: * m INVITE2:	obility="mobile";language="en	ı,de"		
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	← Apply post test routine	INVITE1		

TP number	IBCF_203_005_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	18			
Test Purpose name	Accept-Contact header suppor	ted in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing an Accept-Contact header, ensure that a BYE request is sent to the own network and the Accept-Contact header is present as received from the other network.				
SIP Parameter values	BYE: Accept-Contact: *;mobi	lity="fixed"; language="en,de"			
Comments					
Message flows	Mx SUT Ic				
	A session is already established				
	BYE ←	+	BYE		
	Apply post test routine				

TP number	IBCF_203_005_B	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/18			
Test Purpose name	Accept-Contact header not su	pported in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing an Accept-Contact header, ensure that a BYE request is sent to the own network and the Accept-Contact header is not present.				
SIP Parameter values	BYE1: Accept-Contact: *;mobility="fixed"; language="en,de" BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE2 ← BYE1				
		Apply post test routine			

TP number	IBCF_203_006_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/26		
Test Purpose name	Accept-Encoding header supp	orted in INVITE		
Test Purpose	Accept-Encoding header, ens	When the IBCF receives an INVITE request from the other network containing an Accept-Encoding header, ensure that an INVITE request is sent to the own network and the Accept-Encoding header is present as received from the other network.		
SIP Parameter values	INVITE: Accept-Encoding: g	ızip		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE	·	INVITE	
	Apply post test routine			

TP number	IBCF_203_006_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/26			
Test Purpose name	Accept-Encoding header not s	upported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing an Accept-Encoding header, ensure that an INVITE request is sent to the own network and the Accept-Encoding header is not present.				
SIP Parameter values	INVITE1: Accept-Encoding: gzip INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	-	INVITE1		
	Apply post test routine				

TP number	IBCF_203_007_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/26		
Test Purpose name	Accept-Encoding header supp	orted in 200 OK		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Encoding header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Encoding header is present as received from the other network.			
SIP Parameter values	200 OK: Accept-Encoding: g	ızip		
Comments				
Message flows	Mx	SUT	lc	
	INVITE •	·	INVITE	
	180 Ringing	→	180 Ringing	
	200 OK INVITE	→	200 OK INVITE	
	Apply post test routine			

TP number	IBCF_203_007_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/26			
Test Purpose name	Accept-Encoding head	der not supported in 200 Ok	(
Test Purpose	Accept-Encoding head	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Encoding header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Encoding header is not present.			
SIP Parameter values	200 OK1: Accept-Enc 200 OK2:	200 OK1: Accept-Encoding: gzip			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 routine		

TP number	IBCF_203_008_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	26		
Test Purpose name	Accept-Encoding header support	orted in BYE		
Test Purpose	When the IBCF receives a BYE request from the other network containing an Accept-Encoding header, ensure that a BYE request is sent to the own network and the Accept-Encoding header is present as received from the other network.			
SIP Parameter values	BYE: Accept-Encoding: gzip			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE ←	+	BYE	
	Apply post test routine			

TP number	IBCF_203_008_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/26			
Test Purpose name	Accept-Encoding header not s	upported in BYE			
Test Purpose	When the IBCF receives a BYI				
		Accept-Encoding header, ensure that a BYE request is sent to the own network and the			
	Accept-Encoding header is not	present.			
SIP Parameter values	BYE1: Accept-Encoding: gzip				
	BYE2:				
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE2 ← BYE1				
	Apply post test routine				

TP number	IBCF_203_009_A	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/2	27			
Test Purpose name	Accept-Language header supp	orted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing an Accept-Language header, ensure that an INVITE request is sent to the own network and				
	the Accept-Language header is				
SIP Parameter values	INVITE: Accept-Language: en, de				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ← INVITE				
	Apply post test routine				

IBCF_203_009_B	Reference	Annex A [3]
Entry_Point/scr/bcall	·	
PICS 7.1.1/3 AND NO	T PICS 7.2.2/27	
Accept-Language head	der not supported in INVITE	
Accept-Language head	der, ensure that an INVITE	
INVITE1: Accept-Lang INVITE2:	guage: en, de	
Mx INVITE2	SUT Apply post test	lc ← INVITE1
	Entry Point/scr/bcall PICS 7.1.1/3 AND NO Accept-Language head When the IBCF receive Accept-Language head the Accept-Language h INVITE1: Accept-Language INVITE2: Mx	Entry_Point/scr/bcall PICS 7.1.1/3 AND NOT PICS 7.2.2/27 Accept-Language header not supported in INVITE When the IBCF receives an INVITE request from Accept-Language header, ensure that an INVITE the Accept-Language header is not present. INVITE1: Accept-Language: en, de INVITE2: Mx SUT

TP number	IBCF_203_010_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	27	
Test Purpose name	Accept-Language header supp	orted in 200 OK	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Language header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Language header is present as received from the own network.		
SIP Parameter values	200 OK: Accept-Language: e	en, de	
Comments			
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE →	SUT ← → Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE

TP number	IBCF 203 010 B	Reference	Annex A [3]				
TSS reference	Entry_Point/scr/bcall	•	• • •				
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/27					
Test Purpose name	Accept-Language head	ler not supported in 200 OK					
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Language header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Language header is not present						
SIP Parameter values	200 OK1: Accept-Lang 200 OK2:	juage: en, de					
Comments							
Message flows	Mx	SUT	Ic				
	INVITE	←	← INVITE				
	180 Ringing → 180 Ringing						
	200 OK INVITE1 → 200 OK INVITE2						
		Apply post test routine					

TP number	IBCF_203_011_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/2	27			
Test Purpose name	Accept-Language header supp	orted in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing an Accept-Language header, ensure that a BYE request is sent to the own network and the Accept-Language header is present as received from the other network.				
SIP Parameter values	BYE: Accept-Language: en, d	е			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE ←	←	BYE		
	Apply post test routine				

TP number	IBCF_203_011_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NC	OT PICS 7.2.2/27				
Test Purpose name	Accept-Language hea	der not supported in BYE				
Test Purpose	When the IBCF receives a BYE request from the other network containing an Accept-Language header, ensure that a BYE request is sent to the own network and the Accept-Language header is not present.					
SIP Parameter values	BYE1: Accept-Langua BYE2:	BYE1: Accept-Language: en, de				
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE2 ← BYE1					
	Apply post test routine					

TP number	IBCF_203_011A_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/29				
Test Purpose name	Accept-Resource-Prior	ity header supported in 200	OK			
Test Purpose	Accept-Resource-Prior	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Resource-Priority header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Resource-Priority header is present as received from the own network				
SIP Parameter values	Resource-Pr	Resource-Priority: q735.4				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → → Apply post test ro	Ic ← INVITE → 180 Ringing → 200 OK INVITE Dutine			

TP number	IBCF_203_011A_B	Reference	Annex A [3]				
TSS reference	Entry_Point/scr/bcall						
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/29					
Test Purpose name	Accept-Resource-Priorit	ty header supported in 200	OK				
Test Purpose	Accept-Resource-Priorit	When the IBCF receives a 200 OK INVITE response from the own network containing an Accept-Resource-Priority header, ensure that a 200 OK INVITE response is sent to the other network and the Accept-Resource-Priority header is not present.					
SIP Parameter values	INVITE: Require: reso Resource-Pri 200 OK 1: Accept-Reso 200 OK 2:	iority: q735.4					
Comments							
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT ← → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 outine				

TP number	IBCF 203 011B	A Re	ference	Annex A [3]		
TSS reference	Entry_Point/scr/b	call				
Selection criteria	PICS 7.1.1/3 AN	D PICS 7.2.2/29				
Test Purpose name	Accept-Resource	e-Priority header s	upported in BYE			
Test Purpose	Resource-Priority	When the IBCF receives a BYE request from the other network containing an Accept-Resource-Priority header, ensure that a BYE request is sent to the own network and the Accept-Resource-Priority header is present as received from the other network.				
SIP Parameter values	Resou	INVITE: Require: resource-priority Resource-Priority: q735.4				
Comments			-			
Message flows	Mx SUT Ic					
_		A session is already established				
	BYE	· · · · · · · · · · · · · · · · · · ·				
	200 OK BYE → 200 OK BYE					

TP number	IBCF_203_011B_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	I				
Selection criteria	PICS 7.1.1/3 AND N	IOT PICS 7.2.2/29				
Test Purpose name	Accept-Resource-Pr	riority header not supported in	BYE			
Test Purpose	Resource-Priority he	When the IBCF receives a BYE request from the other network containing an Accept-Resource-Priority header, ensure that a BYE request is sent to the own network and the Accept-Resource-Priority header is not present.				
SIP Parameter values	INVITE: Require: r Resource	INVITE: Require: resource-priority Resource-Priority: q735.4 BYE1: Accept-Resource-Priority: q735.4				
Comments						
Message flows	Mx SUT Ic					
_		A session is already established				
	BYE2	•				
	200 OK BYE	→	→ 200 OK BYE			

TP number	IBCF_203_0)11C_A	Reference		Annex A [3]	
TSS reference	Entry_Point/	/scr/bcall				
Selection criteria	PICS 7.1.1/3	3 AND PICS 7.2.2/	28			
Test Purpose name	Alert-Info he	ader supported in	INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing an Alert-Info header, ensure that an INVITE request is sent to the own network and the Alert-Info header is present as received from the other network.					
SIP Parameter values	INVITE: Alert-Info: <any value=""></any>					
Comments						
Message flows		Mx	SUT		lc	
	INVITE ← INVITE					
	Apply post test routine					

TP number	IBCF_203_011C_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/28			
Test Purpose name	Alert-Info header supported in	INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing an Alert-Info header, ensure that an INVITE request is sent to the own network and the Alert-Info header is not present.				
SIP Parameter values	INVITE1: Alert-Info: <any value=""></any>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	←	INVITE1		
		Apply post test routine			

TP number	IBCF_203_011D_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7	.2.2/28	
Test Purpose name	Alert-Info header supporte	ed in 180 response	
Test Purpose		that a 180 Ringing resp	from the own network containing an onse is sent to the other network and the own network.
SIP Parameter values	180: Alert-Info: <any th="" val<=""><th>ue></th><th></th></any>	ue>	
Comments			
Message flows	Mx	SUT	lc
	INVITE	(← INVITE
	180 Ringing	→	→ 180 Ringing
		Apply post test	routine

TP number	IBCF_203_011D_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/28				
Test Purpose name	Alert-Info header not s	supported in 180 response				
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing an Alert-Info header, ensure that a 180 Ringing response is sent to the other network and the Alert-Info header is not present.					
SIP Parameter values	180 1: Alert-Info: <any 180="" 2:<="" th=""><th>value></th><th></th></any>	value>				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing1	→	→ 180 Ringing2			
	Apply post test routine					

TP number	IBCF_203_012_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	30				
Test Purpose name	Allow header supported in INV	ITE				
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE present as received from the o	request is sent to the own net				
SIP Parameter values	INVITE: Allow: INVITE, ACK, CANCEL, BYE					
Comments						
Message flows	Mx SUT Ic					
	INVITE ←	← Apply post test routine	INVITE			

TP number	IBCF_203_012_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/30		
Test Purpose name	Allow header not supp	orted in INVITE		
Test Purpose			the other network containing an Allow he own network and the Allow header is	
SIP Parameter values	INVITE1: Allow: INVITE1: INVITE2:	ΓΕ, ACK, CANCEL, BYE		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE2	(← INVITE1	
	Apply post test routine			

TP number	IBCF_203_013_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	<u>.</u>	•		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/30			
Test Purpose name	Allow header supporte	ed in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing an Allow header, ensure that a 180 Ringing response is sent to the other network and the Allow header is present as received from the own network.				
SIP Parameter values	180: Allow: INVITE,	ACK, CANCEL, BYE			
Comments					
Message flows	Mx SUT				
	INVITE ← INVITE				
	180 Ringing	→	→ 180 Ringing		
1		Apply post test r	outine		

TP number	IBCF_203_013_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/30			
Test Purpose name	Allow header not support	orted in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing an Allow header, ensure that a 180 Ringing response is sent to the other network and the Allow header is not present.				
SIP Parameter values	180 1: Allow: INVITE, ACK, CANCEL, BYE 180 2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ← INVITE				
	180 Ringing1	→	→ 180 Ringing2		
	Apply post test routine				

TP number	IBCF_203_014_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/30			
Test Purpose name	Allow header supported	d in 200 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Allow header, ensure that a 200 OK INVITE response is sent to the other network and the Allow header is present as received from the own network.				
SIP Parameter values	200 OK: Allow: INVIT	TE, ACK, CANCEL, BYE			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → → Apply post test i	Ic ← INVITE → 180 Ringing → 200 OK INVITE routine		

TP number	IBCF_203_014_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/30			
Test Purpose name	Allow header not supp	orted in 200 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Allow header, ensure that a 200 OK INVITE response is sent to the other network and the Allow header is not present.				
SIP Parameter values	200 OK 1: Allow: INVIT 200 OK 2:	TE, ACK, CANCEL, BYE			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
	200 OK INVITE1	→	→ 200 OK INVITE2		
	Apply post test routine				

TP number	IBCF 203 015 A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/30			
Test Purpose name	Allow header supporte	ed in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing an Allow header, ensure that a BYE request is sent to the own network and the Allow header is present as received from the other network.				
SIP Parameter values	BYE: Allow: INVITE,	BYE: Allow: INVITE, ACK, CANCEL, BYE			
Comments					
Message flows	Mx	SUT	lc		
		A session is already e	stablished		
	BYE	←	← BYE		
		Apply post test ro	outine		

TP number	IBCF_203_015_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/30			
Test Purpose name	Allow header not supp	oorted in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing an Allow header, ensure that a BYE request is sent to the own network and the Allow header is not present.				
SIP Parameter values	BYE1: Allow: INVITE, ACK, CANCEL, BYE BYE2:				
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE2	←	★ BYE1		
	Apply post test routine				

.TP number	IBCF_203_016_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/30				
Test Purpose name	Allow header supported	d in 200 OK BYE				
Test Purpose	When the IBCF receives a 200 OK BYE response from the own network containing an Allow header, ensure that a 200 OK BYE response is sent to the other network and the Allow header is present as received from the own network.					
SIP Parameter values	200 OK BYE: Allow: IN	200 OK BYE: Allow: INVITE, ACK, CANCEL, OPTIONS, BYE				
Comments						
Message flows	Mx	SUT	Ic			
	A session is already established					
	BYE	BYE ← BYE				
	200 OK BYE	200 OK BYE → 200 OK BYE				

.TP number	IBCF_203_016_B	Refe	rence	Annex A [3]		
TSS reference	Entry_Point/scr/bo	call				
Selection criteria	PICS 7.1.1/3 AND	NOT PICS 7.2.2/3	0			
Test Purpose name	Allow header not	supported in 200 O	K BYE			
Test Purpose				own network containing an		
	· ·	Allow header, ensure that a 200 OK BYE response is sent to the other network and the Allow header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Allow: INVITE, ACK, CANCEL, OPTIONS, BYE 200 OK BYE2:				
Comments						
Message flows	Mx	Mx SUT Ic				
	A session is already established					
	BYE	BYE ← BYE				
	200 OK BYE	→	→	200 OK BYE		

TP number	IBCF_203	017_A	Reference	Annex A [3]		
TSS reference	Entry_Poir	nt/scr/bcall				
Selection criteria	PICS 7.1.1	1/3 AND PICS 7.2.2/	31			
Test Purpose name	Allow-Ever	nts header supported	d in INVITE			
Test Purpose	Allow-Ever	When the IBCF receives an INVITE request from the other network containing an Allow-Events header, ensure that an INVITE request is sent to the own network and the Allow-Events header is present as received from the other network.				
SIP Parameter values	INVITE:	INVITE: Allow-Events: call-completion				
Comments						
Message flows	Mx SUT Ic					
	INVITE	(← INVITE		
	Apply post test routine					

TP number	IBCF_203_017_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND NO	Γ PICS 7.2.2/31				
Test Purpose name	Allow-Events header no	ot supported in INVITE				
Test Purpose	Allow-Events header, e	When the IBCF receives an INVITE request from the other network containing an Allow-Events header, ensure that an INVITE request is sent to the own network and the Allow-Events header is not present.				
SIP Parameter values	INVITE1: Allow-Events INVITE2:	INVITE1: Allow-Events: call-completion INVITE2:				
Comments						
Message flows	Mx	SUT	lc			
	INVITE2	←	← INVITE1			
	Apply post test routine					

TP number	IBCF_203_018_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	<u>.</u>			
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/31			
Test Purpose name	Allow-Events header su	pported in 200 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Allow-Events header, ensure that a 200 OK INVITE response is sent to the other network and the Allow-Events header is present as received from the own network.				
SIP Parameter values	200 OK: Allow-Events	: call-completion			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE outine		

TP number	IBCF_203_018_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2/31				
Test Purpose name	Allow-Events header not	supported in 200 OK				
Test Purpose	When the IBCF receives	a 200 OK INVITE respons	se from the own network containing an			
	Allow-Events header, en	sure that a 200 OK INVITE	response is sent to the other network			
	and the Allow-Events hea	ader is not present.				
SIP Parameter values	200 OK 1: Allow-Events:	call-completion				
	200 OK 2:					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing → 180 Ringing					
	200 OK INVITE1	200 OK INVITE1 → 200 OK INVITE2				
		Apply post test r	outine			

TP number	IBCF 203 019 A	Reference	Annex A [3]			
TSS reference	Entry Point/scr/bcall		<u> </u>			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/31				
Test Purpose name	Allow-Events header s	upported in BYE				
Test Purpose	Events header, ensure	When the IBCF receives a BYE request from the other network containing an Allow- Events header, ensure that a BYE request is sent to the own network and the Allow- Events header is present as received from the other network.				
SIP Parameter values	BYE: Allow-Events: c	BYE: Allow-Events: call-completion				
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE	←	← BYE			
	Apply post test routine					

TP number	IBCF_203_019_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	•		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/31		
Test Purpose name	Allow-Events header	not supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the other network containing an Allow- Events header, ensure that a BYE request is sent to the own network and the Allow- Events header is not present as received from the other network.			
SIP Parameter values	BYE1: Allow-Events: call-completion BYE2:			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	★ BYE1			
	Apply post test routine			

TP number	IBCF_203_020_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall		·		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/31			
Test Purpose name	Allow-Events header s	supported in 200 OK BYE			
Test Purpose	When the IBCF receives a 200 OK BYE response from the own network containing an Allow-Events header, ensure that a 200 OK BYE response is sent to the other network and the Allow-Events header is present as received from the own network.				
SIP Parameter values	200 OK BYE: Allow-E	200 OK BYE: Allow-Events: call-completion			
Comments		·			
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE	←	← BYE		
	200 OK BYE	200 OK BYE → 200 OK BYE			

TP number	IBCF_203_020_B	Refe	rence	Annex A [3]	
TSS reference	Entry_Point/scr/bo	all			
Selection criteria	PICS 7.1.1/3 AND	NOT PICS 7.2.2/	31		
Test Purpose name	Allow-Events head	ler not supported	n 200 OK BYE		
Test Purpose	Allow-Events head	When the IBCF receives a 200 OK BYE response from the own network containing an Allow-Events header, ensure that a 200 OK BYE response is sent to the other network and the Allow-Events header is not present.			
SIP Parameter values	200 OK BYE1: 7 200 OK BYE2:	Allow-Events: call-	completion		
Comments					
Message flows	Mx		SUT	lc	
	A session is already established				
	BYE	BYE ← BYE			
	200 OK BYE1	→	→	200 OK BYE2	

TP number	IBCF 203 020A A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	<u>.</u>				
Selection criteria	PICS 7.1.1/3 AND PICS 7	7.2.2/34				
Test Purpose name	Answer-Mode header sup	ported in INVITE				
Test Purpose	Answer-Mode header, ens	When the IBCF receives an INVITE request from the other network containing an Answer-Mode header, ensure that an INVITE request is sent to the own network and the Answer-Mode header is present as received from the other network.				
SIP Parameter values	INVITE1: Answer-Mode: Auto;require					
Comments						
Message flows	Mx SUT Ic					
	INVITE	(← INVITE			
	Apply post test routine					

TP number	IBCF_203_020A_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/34			
Test Purpose name	Answer-Mode header not supp	orted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing an Answer-Mode header, ensure that an INVITE request is sent to the own network and the Answer-Mode header is not present.				
SIP Parameter values	INVITE1: Answer-Mode: Auto;require INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	←	INVITE1		
	Apply post test routine				

TP number	IBCF_203_020B_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/32		
Test Purpose name	Authentication-Info hea	der supported in 200 OK		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Authentication-Info header, ensure that a 200 OK INVITE response is sent to the other network and the Authentication-Info header is present as received from the own network.			
SIP Parameter values	200 OK: Authentication	on-Info: nextnonce="93017	493207496219"	
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE	

TP number	IBCF_203_020B_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/32			
Test Purpose name	Authentication-Info hea	der not supported in 200 O	K		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing an Authentication-Info header, ensure that a 200 OK INVITE response is sent to the other network and the Authentication-Info header is not present.				
SIP Parameter values	200 OK 1: Authentication-Info: nextnonce="93017493208496219" 200 OK 2:				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT ← → Apply post test i	Ic ← INVITE → 180 Ringing → 200 OK INVITE2		

TP number	IBCF_203_020C_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	32		
Test Purpose name	Authentication-Info header sup	ported in 200 OK BYE		
Test Purpose	When the IBCF receives a 200 OK BYE response from the own network containing an Authentication-Info header, ensure that a 200 OK BYE response is sent to the other network and the Authentication-Info header is present as received from the own network.			
SIP Parameter values	200 OK BYE: Authentication-Info: nextnonce="93017493207496219"			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE ←	←	BYE	
	200 OK BYE →	→	200 OK BYE	

TP number	IBCF_203_0200	C_B	Reference		Annex A [3]	
TSS reference	Entry_Point/scr/	bcall			·	
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS	7.2.2/32			
Test Purpose name	Authentication-I	nfo header not	supported in 200	OK BYE		
Test Purpose	Authentication-I	When the IBCF receives a 200 OK BYE response from the own network containing an Authentication-Info header, ensure that a 200 OK BYE response is sent to the other network and the Authentication-Info header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Authentication-Info: nextnonce="93017493207496219"				
Comments						
Message flows	Mx		SUT		lc	
		A session is already established				
	BYE	BYE ← BYE				
	200 OK BYE1	→		→	200 OK BYE2	

TP number	IBCF_203_020D_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PI	ICS 7.2.2/33		
Test Purpose name		supported in INVITE		
Test Purpose	Authorization header		the other network containing an est is sent to the own network and the the other network.	
SIP Parameter values	INVITE: Authorization: Digest username= "[any value]", realm="[any value]", nonce="[any value]", uri="[any value]", response="[any value]", algorithm=MD5			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
		Apply post test	routine	

TP number	IBCF_203_020D_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/33		
Test Purpose name	Authorization header not suppo	orted in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing an Authorization header, ensure that an INVITE request is sent to the own network and the Authorization header is not present.			
SIP Parameter values	INVITE1: Authorization: Digest username= "[any value]", realm="[any value]", nonce="[any value]", uri="[any value]", response="[any value]", algorithm=MD5 INVITE2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE2 ←	←	INVITE1	
		Apply post test routine		

TP number	IBCF_203_020E	_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/b	call		
Selection criteria	PICS 7.1.1/3 ANI	D PICS 7.2.2/3	3 AND PICS 7.2.2/103	
Test Purpose name	Authorization hea	ader supported	in REGISTER	
Test Purpose	When the IBCF receives a REGISTER request from the other network containing an Authorization header, ensure that an REGISTER request is sent to the own network and the Authorization header is present as received from the other network.			
SIP Parameter values	REGISTER: Authorization: Digest username= "[any value]", realm="[any value]", nonce="[any value]", uri="[any value]", response="[any value]", algorithm=MD5			
Comments				
Message flows	Mx		SUT	lc
	REGISTER	+	Apply post test routine	REGISTER

TP number	IBCF_203_020E_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/33 AND PICS	7.2.2/103		
Test Purpose name	Authorization header n	ot supported in REGISTER	(
Test Purpose	Authorization header, e	When the IBCF receives an REGISTER request from the other network containing an Authorization header, ensure that an REGISTER request is sent to the own network and the Authorization header is not present.			
SIP Parameter values	nonce="	REGISTER1: Authorization: Digest username= "[any value]", realm="[any value]", nonce="[any value]", uri="[any value]", response="[any value]", algorithm=MD5 REGISTER2:			
Comments					
Message flows	Mx REGISTER2	SUT ← Apply post test	lc ← REGISTER1 routine		

TP number	IBCF_203_021	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Call-ID header supported in IN	VITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE is present as received from the	request is sent to the own ne	
SIP Parameter values	INVITE: Call-ID: [any value]		
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	INVITE
	Apply post test routine		

0TP number	IBCF_203_022	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Call-ID header supported in	180	
Test Purpose	Call-ID header, ensure that a	80 Ringing response from the c I 180 Ringing response is sent received from the own network	to the other network and the
SIP Parameter values	180: Call-ID: [any value]		
Comments			
Message flows	Mx	SUT	lc
	INVITE	(INVITE
	180 Ringing	→	180 Ringing
		Apply post test routine	

IBCF 203 023	Reference	Annex A [3]
Entry_Point/scr/bcall	•	
Call-ID header suppor	ted in 200 OK INVITE	
Call-ID header, ensure	e that a 200 OK INVITE respons	onse is sent to the network and the
200 OK INVITE: Call	-ID: [any value]	
Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE
	Entry_Point/scr/bcall Call-ID header support When the IBCF receive Call-ID header, ensure Call-ID header is pres 200 OK INVITE: Call Mx INVITE 180 Ringing	Entry_Point/scr/bcall Call-ID header supported in 200 OK INVITE When the IBCF receives a 200 OK INVITE responsed Call-ID header, ensure that a 200 OK INVITE responsed Call-ID header is present as received from the own 200 OK INVITE: Call-ID: [any value] Mx SUT INVITE 180 Ringing

TP number	IBCF_203_024	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	•	
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Call-ID header supported in A	CK	
Test Purpose	When the IBCF receives an Alheader, ensure that an ACK represent as received from the control of	equest is sent to the own netwo	
SIP Parameter values	ACK: Call-ID: [any value]		
Comments			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	→ → →	Ic INVITE 180 Ringing 200 OK INVITE ACK
		Apply post lest routille	

TP number	IBCF_203_025	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria					
Test Purpose name	Call-ID header supported in B	YE			
Test Purpose		'E request from the other network quest is sent to the own network other network.			
SIP Parameter values	BYE: Call-ID: [any value]				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	- ←	BYE		
		Apply post test routine			

TP number	IBCF_203_026	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria					
Test Purpose name	Call-ID header suppo	rted in 200 OK BYE			
Test Purpose	Call-ID header, ensur		e from the own network containing a conse is sent to the other network and the wn network.		
SIP Parameter values	200 OK BYE: Call-ID	200 OK BYE: Call-ID: [any value]			
Comments					
Message flows	Mx	SUT	lc		
		A session is already established			
	BYE	←	← BYE		
	200 OK BYE	→	→ 200 OK BYE		

TP number	IBCF_203_	027_A	Reference	Annex A [3]	
TSS reference	Entry_Poin	t/scr/bcall			
Selection criteria	PICS 7.1.1	/3 AND PICS 7.2.2/2	24		
Test Purpose name	Call-Info he	eader supported in II	NVITE		
Test Purpose	header, en	When the IBCF receives an INVITE request from the other network containing a Call-Info header, ensure that an INVITE request is sent to the own network and the Call-Info header is present as received from the other network.			
SIP Parameter values	INVITE:	Call-Info: <[any URI]	>		
Comments					
Message flows		Mx	SUT	lc	
	INVITE	←		← INVITE	
	Apply post test routine				

TP number	IBCF_203_027_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/24			
Test Purpose name	Call-Info header not supported	in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Call-Info header, ensure that an INVITE request is sent to the own network and the Call-Info header is not present.				
SIP Parameter values	INVITE1: Call-Info: <[any URI] INVITE2:	>			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE2 ←	← Apply post test routine	INVITE1		

TP number	IBCF_203_028_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/24			
Test Purpose name	Call-Info header supported in	180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Call-Info header, ensure that a 180 Ringing response is sent to the other network and the Call-Info header is present as received from the own network.				
SIP Parameter values	180: Call-Info: <[any URI]>;	ourpose=call-completition; m=l	NR		
Comments					
Message flows	Mx	SUT	lc		
	INVITE €	· ←	INVITE		
	180 Ringing	· -	180 Ringing		
		Apply post test routine			

TP number	IBCF_203_028_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·	·	
Selection criteria	PICS 7.1.1/3 AND NOT I	PICS 7.2.2/24		
Test Purpose name	Call-Info header not supp	ported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Call-Info header, ensure that a 180 Ringing response is sent to the other network and the Call-Info header is not present.			
SIP Parameter values	180 1: Call-Info: <[any U 180 1:	RI]>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	180 Ringing1	→	→ 180 Ringing2	
	Apply post test routine			

TP number	IBCF 203 029 A	Reference	Annex A [3]	
TSS reference	Entry Point/scr/bcall	•	<u> </u>	
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/24		
Test Purpose name	Call-Info header suppor	rted in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Call-Info header, ensure that a 200 OK INVITE response is sent to the other network and the Call-Info header is present as received from the own network.			
SIP Parameter values	200 OK INVITE: Call-I	nfo: <[any URI]>		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE outine	

TP number	IBCF_203_029_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PIC	5 7.2.2/24			
Test Purpose name	Call-Info header not support	ed in 200 OK INVITE			
Test Purpose		00 OK INVITE response from the a 200 OK INVITE response is:			
	the Call-Info header is not pr		oont to the other network and		
SIP Parameter values	200 OK INVITE1: Call-Info: <[any URI]> 200 OK INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	(INVITE		
	180 Ringing	→ →	180 Ringing		
	200 OK INVITE1	→ →	200 OK INVITE2		
		Apply post test routine			

TP number	IBCF_203_030	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Contact header supported in II	NVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE header is present as received	request is sent to the own ne	
SIP Parameter values	INVITE: Contact: <[any URI]	>	
Comments			
Message flows	Mx	SUT	lc
	INVITE +	←	INVITE
	Apply post test routine		

TP number	IBCF_203_031	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Contact header supported in	180	
Test Purpose	Contact header, ensure that a	0 Ringing response from the or 180 Ringing response is sent received from the own network	to the other network and the
SIP Parameter values	180: Contact: <[any URI]>		
Comments			
Message flows	Mx	SUT	lc
	INVITE	-	INVITE
	180 Ringing	→	180 Ringing
		Apply post test routine	

TP number	IBCF 203 032	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	•	• •
Selection criteria	•		
Test Purpose name	Contact header suppor	ted 200 OK INVITE	
Test Purpose	Contact header, ensure		se from the own network containing a conse is sent to the other network and own network.
SIP Parameter values	200 OK INVITE: Conta	act: <[any URI]>	
Comments			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing → 200 OK INVITE Dutine

TP number	IBCF_203_033	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Contact header support	ted in ACK		
Test Purpose	When the IBCF receives an ACK request from the other network containing a Contact header, ensure that an ACK request is sent to the own network and the Contact header is present as received from the other network.			
SIP Parameter values	ACK: Contact: <[any L	JRI]>		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT ← → Apply post te	lc	

TP number	IBCF_203_036_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcal	l .	·	
Selection criteria	PICS 7.1.1/3 AND P	PICS 7.2.2/35		
Test Purpose name	Content-Disposition	header supported in INVITE		
Test Purpose	Content-Disposition		he other network containing a E request is sent to the own network received from the other network.	
SIP Parameter values	INVITE: Content-I	Disposition: session; handling=	optional	
Comments				
Message flows	Mx SUT Ic			
	INVITE Apply post test routine			

TP number	IBCF_203_036_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/35				
Test Purpose name	Content-Disposition header no	t supported in INVITE				
Test Purpose	Content-Disposition header, e	When the IBCF receives an INVITE request from the other network containing a Content-Disposition header, ensure that an INVITE request is sent to the own network and the Content-Disposition header is not present.				
SIP Parameter values	INVITE1: Content-Disposition: session; handling=optional INVITE2:					
Comments						
Message flows	Mx SUT Ic					
-	INVITE2	← Apply post test routine	INVITE1			

TP number	IBCF_203_037_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/35		
Test Purpose name	Content-Disposition he	ader supported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Content-Disposition header, ensure that a 180 Ringing response is sent to the other network and the Content-Disposition header is present as received from the own network.			
SIP Parameter values	180: Content-Dispos	ition: session; handling=op	tional	
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	180 Ringing	→	→ 180 Ringing	
	Apply post test routine			

TP number	IBCF_203_037_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2/35				
Test Purpose name	Content-Disposition head	ler not supported in 180				
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Content-Disposition header, ensure that a 180 Ringing response is sent to the other network and the Content-Disposition header is not present.					
SIP Parameter values	180 1: Content-Disposition 180 2:	180 1: Content-Disposition: session; handling=optional				
Comments						
Message flows	Mx INVITE 180 Ringing1	SUT ← → Apply post test ro	lc ← INVITE → 180 Ringing2 utine			

TP number	IBCF_203_038_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/35		
Test Purpose name	Content-Disposition head	der supported in 200 OK	NVITE	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Content-Disposition header, ensure that 200 OK INVITE response is sent to the other network and the Content-Disposition header is present as received from the own network.			
SIP Parameter values	200 OK INVITE: Conten	nt-Disposition: session; ha	indling=optional	
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE routine	

TP number	IBCF_203_038_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT I	PICS 7.2.2/35				
Test Purpose name	Content-Disposition head	der not supported in 200	OK INVITE			
Test Purpose	Content-Disposition head	When the IBCF receives a 200 OK INVITE response from the own network containing a Content-Disposition header, ensure that 200 OK INVITE response is sent to the other network and the Content-Disposition header is not present.				
SIP Parameter values	200 OK INVITE1: Conter 200 OK INVITE2:	200 OK INVITE1: Content-Disposition: session; handling=optional 200 OK INVITE2:				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 routine			

TP number	IBCF_203_040_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/35				
Test Purpose name	Content-Disposition h	eader supported in BYE				
Test Purpose	When the IBCF receives a BYE request from the other network containing a Content-Disposition header, ensure that a BYE request is sent to the own network and the Content-Disposition header is present as received from the other network.					
SIP Parameter values	BYE: Content-Dispo	sition: session; handling=opt	ional			
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE ← BYE					
	Apply post test routine					

TP number	IBCF_203_040_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/35			
Test Purpose name		neader not supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing a Content-Disposition header, ensure that a BYE request is sent to the own network and the Content-Disposition header is not present.				
SIP Parameter values	BYE1: Content-Disposition: session; handling=optional BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
BYE2 ← BYE1					
	Apply post test routine				

TP number	IBCF_203_041_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/35				
Test Purpose name	Content-Disposition he	eader supported in 200 OK	BYE			
Test Purpose	Content-Disposition he	When the IBCF receives a 200 OK BYE response from the own network containing a Content-Disposition header, ensure that 200 OK BYE response is sent to the other network and the Content-Disposition header is present as received from the own network.				
SIP Parameter values	200 OK BYE: Content	200 OK BYE: Content-Disposition: session; handling=optional				
Comments						
Message flows	Mx	SUT	lc			
		A session is already established				
	BYE	←	← BYE			
	200 OK BYE	200 OK BYE → 200 OK BYE				

TP number	IBCF_203_041_	В	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/t	ocall				
Selection criteria	PICS 7.1.1/3 AN	D NOT PICS 7	7.2.2/35			
Test Purpose name	Content-Disposit	tion header no	t supported in 200	OK BYE		
Test Purpose	Content-Disposit	When the IBCF receives a 200 OK BYE response from the own network containing a Content-Disposition header, ensure that 200 OK BYE response is sent to the other network and the Content-Disposition header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Content-Disposition: session; handling=optional 200 OK BYE2:				
Comments						
Message flows	Mx		SUT	lc		
	A session is already established					
	BYE	BYE ← BYE				
	200 OK BYE11	→		→ 200 OK BYE2		

TP number	IBCF 203	3 042 A	Reference		Annex A [3]	
TSS reference	Entry_Po	int/scr/bcall				
Selection criteria	PICS 7.1.	.1/3 AND PICS 7.2.2	2/36			
Test Purpose name	Content-E	Encoding header su	pported in INVITE			
Test Purpose	Content-E	When the IBCF receives an INVITE request from the other network containing a Content-Encoding header, ensure that an INVITE request is sent to the own network and the Content-Encoding header is present as received from the other network.				
SIP Parameter values	INVITE:	INVITE: Content-Encoding: gzip				
Comments						
Message flows		Mx	SUT		lc	
	INVITE	•	F	←	INVITE	
	Apply post test routine					

TP number	IBCF_203_042_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/36			
Test Purpose name	Content-Encoding header not s	supported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Content-Encoding header, ensure that an INVITE request is sent to the own network and the Content-Encoding header is not present.				
SIP Parameter values	INVITE1: Content-Encoding: gzip INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	← Apply post test routine	INVITE1		

TP number	IBCF_203_043_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/36			
Test Purpose name	Content-Encoding header sup	ported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Content-Encoding header, ensure that a 180 Ringing response is sent to the other network and the Content-Encoding header is present as received from the own network.				
SIP Parameter values	180: Content-Encoding: gzij)			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	-	INVITE		
	180 Ringing →	→	180 Ringing		
	Apply post test routine				

TP number	IBCF_203_043_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•	·		
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/36			
Test Purpose name	Content-Encoding head	der not supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Content-Encoding header, ensure that a 180 Ringing response is sent to the other network and the Content-Encoding header is nor present.				
SIP Parameter values	180 1: Content-Encoding: gzip 180 2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ← INVITE				
	180 Ringing1 → 180 Ringing2				
		Apply post test	routine		

TP number	IBCF 203 044 A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	36			
Test Purpose name	Content-Encoding header supp	oorted in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Content-Encoding header, ensure that a 200 OK INVITE response is sent to the other network and the Content-Encoding header is present as received from the own network.				
SIP Parameter values	200 OK INVITE: Content-Enc	oding: gzip			
Comments					
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE →	SUT ← → Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE		

TP number	IBCF_203_044_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/36				
Test Purpose name	Content-Encoding hea	der not supported in 200 O	K INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Content-Encoding header, ensure that a 200 OK INVITE response is sent to the other network and the Content-Encoding header is not present.					
SIP Parameter values	200 OK INVITE1: Cont 200 OK INVITE2:	200 OK INVITE1: Content-Encoding: gzip				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT ← → → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 routine			

	A session is already established BYE ← BYE Apply post test routine				
Message flows	Mx	SUT	lc		
Comments					
SIP Parameter values	BYE: Content-Encod	ing: gzip			
	Content-Encoding hea	ader is present as received fro	om the other network.		
	Content-Encoding hea	nder, ensure that a BYE requ	est is sent to the own network and the		
Test Purpose	When the IBCF receiv	es a BYE request from the ot	her network containing a		
Test Purpose name	Content-Encoding hea	der supported in BYE			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/36	·		
TSS reference	Entry_Point/scr/bcall	·	·		
TP number	IBCF_203_046_A	Reference	Annex A [3]		

TP number	IBCF_203_046_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/36		
Test Purpose name	Content-Encoding header not s	supported in BYE		
Test Purpose	When the IBCF receives a BYE	request from the other netwo	rk containing a	
	Content-Encoding header, ens	ure that a BYE request is sent	to the own network and the	
	Content-Encoding header is no	ot present.		
SIP Parameter values	BYE1: Content-Encoding: gzip			
	BYE2:			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE2 ← BYE1			
		Apply post test routine		

TP number	IBCF_203_047_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·	·	
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/36		
Test Purpose name	Content-Encoding he	ader supported in 200 OK BY	Æ	
Test Purpose	When the IBCF receives a 200 OK BYE response from the own network containing a Content-Encoding header, ensure that a 200 OK BYE response is sent to the other network and the Content-Encoding header is present as received from the own network.			
SIP Parameter values	200 OK BYE: Content-Encoding: gzip			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	←	★ BYE	
	200 OK BYE	→	→ 200 OK BYE	

TP number	IBCF_203_047_	В	Reference		Annex A [3]
TSS reference	Entry_Point/scr/	bcall			
Selection criteria	PICS 7.1.1/3 AN	ID NOT PICS	7.2.2/36		
Test Purpose name	Content-Encodi	ng header not	supported in 200 C	K BYE	
Test Purpose	Content-Encodia	When the IBCF receives a 200 OK BYE response from the own network containing a Content-Encoding header, ensure that a 200 OK BYE response is sent to the other network and the Content-Encoding header is not present.			
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Content-Encoding: gzip			
Comments					
Message flows	Mx		SUT		lc
		A session is already established			
	BYE	· · · · · · · · · · · · · · · · · · ·			
	200 OK BYE1	→		→	200 OK BYE2

TP number	IBCF_203_048_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2		
Test Purpose name	Content-Language header		
Test Purpose	Content-Language header,	INVITE request from the otle ensure that an INVITE reque der is present as received from	est is sent to the own network and
SIP Parameter values	INVITE: Content-Langua	ge: fr, de	
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	Apply post test routine		

TP number	IBCF_203_048_B	Reference	Annex A [3]
TSS reference	Entry Point/scr/bcall	<u> </u>	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/37	
Test Purpose name	Content-Language hea	ader not supported in INVIT	E
Test Purpose		ader, ensure that an INVITI	the other network containing a E request is sent to the own network and
SIP Parameter values	INVITE1: Content-Lar INVITE2:	nguage: fr, de	
Comments			
Message flows	Mx SUT Ic INVITE2 ← INVITE1 Apply post test routine		

TP number	IBCF_203_049_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/37			
Test Purpose name	Content-Language heade	er supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Content-Language header, ensure that a 180 Ringing response is sent to the other network and the Content-Language header is present as received from the own network.				
SIP Parameter values	180: Content-Language: fr, de				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing → 180 Ringing				
	Apply post test routine				

TP number	IBCF_203_049_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	Γ PICS 7.2.2/37			
Test Purpose name	Content-Language hea	ider not supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Content-Language header, ensure that a 180 Ringing response is sent to the other network and the Content-Language header is not present.				
SIP Parameter values	180 1: Content-Langua 180 2:	age: fr, de			
Comments					
Message flows	Mx	SUT	lc		
	INVITE ← INVITE				
	180 Ringing1 → 180 Ringing2				
	Apply post test routine				

TP number	IBCF 203 050 A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	•		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/37		
Test Purpose name	Content-Language hea	ader supported in 200 OK IN	IVITE	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Content-Language header, ensure that a 200 OK INVITE response is sent to the other network and the Content-Language header is present as received from the own network.			
SIP Parameter values	200 OK INVITE: Cont			
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE	

TP number	IBCF_203_050_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall		• •		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/37			
Test Purpose name	Content-Language hea	ader not supported in 200 (OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Content-Language header, ensure that a 200 OK INVITE response is sent to the other network and the Content-Language header is not present.				
SIP Parameter values	200 OK INVITE1: Cont 200 OK INVITE2:	ent-Language: fr, de			
Comments					
Message flows	Mx	SUT	lc		
	INVITE ← INVITE				
	180 Ringing → 180 Ringing				
	200 OK INVITE1 → 200 OK INVITE2				
	Apply post test routine				

TP number	IBCF_203_052_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	37		
Test Purpose name	Content-Language header sup	ported in BYE		
Test Purpose	When the IBCF receives a BYE request from the other network containing a Content-Language header, ensure that a BYE request is sent to the own network and the Content-Language header is present as received from the other network.			
SIP Parameter values	BYE: Content-Language: fr, de			
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE ←	+	BYE	
	Apply post test routine			

TP number	IBCF_203_052_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2/37		
Test Purpose name	Content-Language header n			
Test Purpose	When the IBCF receives a BYE request from the other network containing a Content-Language header, ensure that a BYE request is sent to the own network and the Content-Language header is not present.			
SIP Parameter values	BYE1: Content-Language: fr, de BYE2:			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE2 ← BYE1			
	Apply post test routine			

TP number	IBCF 203 053 A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/37			
Test Purpose name	Content-Language he	ader supported in 200 OK	BYE		
Test Purpose	Content-Language he	When the IBCF receives a 200 OK BYE response from the own network containing a Content-Language header, ensure that a 200 OK BYE response is sent to the other network and the Content-Language header is present as received from the own network.			
SIP Parameter values	200 OK BYE: Content	200 OK BYE: Content-Language: fr, de			
Comments					
Message flows	Mx	lc			
		A session is already established			
	BYE	←	← BYE		
	200 OK BYE	200 OK BYE → 200 OK BYE			

TP number	IBCF_203_053_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/37		
Test Purpose name	Content-Language he	eader not supported in 200 Ol	K BYE	
Test Purpose	Content-Language he		from the own network containing a BYE response is sent to the other present.	
SIP Parameter values	200 OK BYE1: Cor 200 OK BYE2:	ntent-Language: fr, de		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	←	← BYE	
	200 OK BYE1	→	→ 200 OK BYE2	

TP number	IBCF 203 05	54 R	eference		Annex A [3]
TSS reference	Entry_Point/so	cr/bcall			·
Selection criteria					
Test Purpose name	Content-Leng	th header supporte	d in INVITE		
Test Purpose	Content-Leng		hat an INVITE req	juest is se	network containing a ent to the own network and other network.
SIP Parameter values	INVITE: Cor	ntent-Length: [any	/alue]		
Comments					
Message flows	M	x	SUT		Ic
	INVITE	←		←	INVITE
	Apply post test routine				

TP number	IBCF_203_055	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Content-Length head	er supported in 180	
Test Purpose	Content-Length head		rom the own network containing a response is sent to the other network ved from the own network.
SIP Parameter values	INVITE: SDP 1 180: Content-Le SDP 2	ength: [any value]	
Comments			
Message flows	Mx	SUT	lc
	INVITE 180 Ringing	← →	← INVITE→ 180 Ringing
		Apply post test r	outine

TP number	IBCF 203 056	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	•	
Selection criteria			
Test Purpose name	Content-Length heade	er supported in 200 OK INVIT	E
Test Purpose	Content-Length heade	er, ensure that a 200 OK INVI	se from the own network containing a ITE response is sent to the other as received from the own network.
SIP Parameter values	INVITE: SDP 200 OK INVITE: Cont SDP	tent-Length: [any value]	
Comments			
Message flows	INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing → 200 OK INVITE putine

TP number	IBCF_203_057	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Content-Length header support	rted in ACK			
Test Purpose	When the IBCF receives an ACK request from the other network containing a Content-Length header, ensure that an ACK request is sent to the own network and the Content-Length header is present as received from the other network.				
SIP Parameter values	200 OK: SDP 1 ACK: Content-Length: [ar SDP 2	y value]			
Comments					
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE → ACK	→	Ic INVITE 180 Ringing 200 OK INVITE ACK		

TP number	IBCF_203_058	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria					
Test Purpose name	Content-Length header suppo	rted in BYE			
Test Purpose	When the IBCF receives a BY Content-Length header, ensur Content-Length header is pres	e that a BYE request is sent to	the own network and the		
SIP Parameter values	BYE: Content-Length: [any value]	alue]			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE ←	+	BYE		
	Apply post test routine				

TP number	IBCF_203_059	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria					
Test Purpose name	Content-Length header	supported in 200 OK BYE			
Test Purpose	Content-Length header,		rom the own network containing a response is sent to the other network yed from the own network.		
SIP Parameter values	200 OK BYE: Content-L	ength: [any value]			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	←	← BYE		
	200 OK BYE	→	→ 200 OK BYE		

TP number	IBCF_203_060	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria					
Test Purpose name	Content-Type header supporte	d in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Content-Type header, ensure that an INVITE request is sent to the own network and the Content-Type header is present as received from the other network.				
SIP Parameter values	INVITE: Content-Type: application/sdp				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	INVITE		
	Apply post test routine				

TP number	IBCF_203_061	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	
Selection criteria			
Test Purpose name	Content-Type header	supported in 180	
Test Purpose	Content-Type header,	ves a 180 Ringing response , ensure that a 180 Ringing r header is present as receiv	from the own network containing a response is sent to the other network ed from the own network.
SIP Parameter values	180: Content-Type:	application/sdp	
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	180 Ringing	→	→ 180 Ringing
		Apply post test	routine

TP number	IBCF_203_062	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Content-Type header s	upported in 200 OK INVITE	
Test Purpose	Content-Type header, e		se from the own network containing a E response is sent to the other network d from the own network.
SIP Parameter values	200 OK INVITE: Conte	ent-Type: application/sdp	
Comments			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE outine

TP number	IBCF_203_063	Reference		Annex A [3]
TSS reference	Entry_Point/scr/bcall	<u>.</u>		
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Content-Type header	supported in ACK		
Test Purpose	Content-Type header,	es an ACK request from ensure that an ACK register is is present as received is	quest is sent to	the own network and the
SIP Parameter values	ACK: Content-Type:	application/sdp		
Comments	1			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SU	← → →	Ic INVITE 180 Ringing 200 OK INVITE ACK

TP number	IBCF_203_064	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall				
Selection criteria						
Test Purpose name	Content-Type header s	supported in BYE				
Test Purpose	Content-Type header,	es a BYE request from the ot ensure that a BYE request is s present as received from the	sent to the own network and the			
SIP Parameter values	BYE: Content-Type: a	application/sdp				
Comments		•				
Message flows	Mx	SUT A session is already e	lc stablished			
	BYE	← Apply post test ro	← BYE outine			

TP number	IBCF 203 065	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	•		
Selection criteria				
Test Purpose name	Content-Type header supported in 200 OK BYE			
Test Purpose	When the IBCF receives a 200 OK BYE response from the own network containing a Content-Type header, ensure that a 200 OK BYE response is sent to the other network and the Content-Type header is present as received from the own network.			
SIP Parameter values	200 OK BYE: Content-Type: application/sdp			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	←	← BYE	
	200 OK BYE	→	→ 200 OK BYE	
	Apply post test routine			

TP number	IBCF_203_066	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Cseq header supported in INV	ITE	
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Cseq header, ensure that an INVITE request is sent to the own network and the Cseq header is present as received from the other network.		
SIP Parameter values	INVITE: Cseq: [any value] IN	IVITE	
Comments			
Message flows	Mx	SUT	lc
	INVITE ←	←	INVITE
	Apply post test routine		

TP number	IBCF_203_067	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Cseq header supported	in 180	
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Cseq header, ensure that a 180 Ringing response is sent to the other network and the Cseq header is present as received from the own network.		
SIP Parameter values	180: Cseq: [any value]] INVITE	
Comments			
Message flows	Mx INVITE 180 Ringing	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing putine

TP number	IBCF_203_068	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	Cseq header supported in 2		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Cseq header, ensure that a 200 OK INVITE response is sent to the other network and the Cseq header is present as received from the own network.		
SIP Parameter values	200 OK INVITE: Cseq: [any	y value] INVITE	
Comments			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE

TP number	IBCF 203 069	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Cseq header supporte	ed in ACK	
Test Purpose	When the IBCF receives an ACK request from the other network containing a Cseq header, ensure that an ACK request is sent to the own network and the Cseq header is present as received from the other network.		
SIP Parameter values	ACK: Cseq: [any val	ue] ACK	
Comments			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT ← → Apply post tes	lc ← INVITE → 180 Ringing → 200 OK INVITE ← ACK t routine

TP number	IBCF_203_070	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria				
Test Purpose name	Cseq header supported in BYE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Cseq header, ensure that an INVITE request is sent to the own network and the Cseq header is present as received from the other network.			
SIP Parameter values	BYE: Cseq: [any value] BYE			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE ←	+	BYE	
	Apply post test routine			

TP number	IBCF_203_071	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria					
Test Purpose name	Cseq header support	ed in 200 OK BYE			
Test Purpose	Cseq header, ensure	When the IBCF receives a 200 OK BYE response from the own network containing a Cseq header, ensure that a 200 OK BYE response is sent to the other network and the Cseq header is present as received from the own network.			
SIP Parameter values	200 OK BYE: Cseq: [200 OK BYE: Cseq: [any value] BYE			
Comments					
Message flows	Mx	SUT	Ic		
		A session is already established			
	BYE	←	← BYE		
	200 OK BYE	→	→ 200 OK BYE		

TP number	IBCF_203_072_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	39		
Test Purpose name	Date header supported in INVI	TE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Date header, ensure that an INVITE request is sent to the own network and the Date header is present as received from the other network.			
SIP Parameter values	INVITE: Date: Wen, 23 Mar 2011 13:03:00 GMT			
Comments				
Message flows	Mx SUT Ic			
	INVITE	←	INVITE	
	Apply post test routine			

TP number	IBCF_203_072_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/39	
Test Purpose name	Date header not suppo	orted in INVITE	
Test Purpose			the other network containing a Date the own network and the Date header is
SIP Parameter values	INVITE1: Date: Wen, INVITE2:	23 Mar 2011 13:03:00 GM	Т
Comments			
Message flows	Mx	SUT	lc
	INVITE2	←	← INVITE1
	Apply post test routine		

TP number	IBCF_203_073_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/39	
Test Purpose name	Date header supported	d in 180	
Test Purpose	header, ensure that a		e from the own network containing a Date ent to the other network and the Date work.
SIP Parameter values	180: Date: Wen, 23 I	Mar 2011 13:03:00 GMT	
Comments			
Message flows	Mx	SUT	lc
	INVITE	-	← INVITE
	180 Ringing	→	→ 180 Ringing
	Apply post test routine		

TP number	IBCF_203_073_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall		• •	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/39		
Test Purpose name	Date header not supp	orted in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Date header, ensure that a 180 Ringing response is sent to the other network and the Date header is not present.			
SIP Parameter values	180 1: Date: Wen, 23 Mar 2011 13:03:00 GMT 180 2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	180 Ringing1	→	→ 180 Ringing2	
	Apply post test routine			

TP number	IBCF_203_074_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/39			
Test Purpose name	Date header supported in 200	OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Date header, ensure that a 200 OK INVITE response is sent to the other network and the Date header is present as received from the own network.				
SIP Parameter values	200 OK INVITE: Date: Wen,	23 Mar 2011 13:03:00 GMT			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	→	Ic INVITE 180 Ringing 200 OK INVITE		

TP number	IBCF_203_074_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PI	CS 7.2.2/39			
Test Purpose name	Date header not supported	in 200 OK INVITE			
Test Purpose	When the IBCF receives a Date header, ensure that a Date header is not present	When the IBCF receives a 200 OK INVITE response from the own network containing a Date header, ensure that a 200 OK INVITE response is sent to the other network and the			
SIP Parameter values	200 OK INVITE1: Date: We 200 OK INVITE2:	200 OK INVITE1: Date: Wen, 23 Mar 2011 13:03:00 GMT 200 OK INVITE2:			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT → Apply post test i	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 routine		

TP number	IBCF_203_075_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·	·	
Selection criteria	NOT PICS 7.1.1/2 AN	D PICS 7.1.1/3 AND PIC	CS 7.2.2/39	
Test Purpose name	Date header supporte	d in ACK		
Test Purpose	When the IBCF receives an ACK request from the other network containing a Date, ensure that an ACK request is sent to the own network and the Date header is present as received from the other network.			
SIP Parameter values	ACK: Date: Wen, 23	Mar 2011 13:03:00 GMT		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT	← INVITE→ 180 Ringing→ 200 OK INVITE← ACK	
		Apply post te	tol rouline	

TP number	IBCF_203_075_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND NOT PICS 7.2.2/3	39	
Test Purpose name	Date header not supported in A	ACK		
Test Purpose	When the IBCF receives an ACK request from the other network containing a Date, ensure that an ACK request is sent to the own network and the Date header is not present.			
SIP Parameter values	ACK1: Date: Wen, 23 Mar 2011 13:03:00 GMT ACK2:			
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK2	→ →	Ic INVITE 180 Ringing 200 OK INVITE ACK1	

TP number	IBCF_203_076_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/39		
Test Purpose name	Date header supported	d in BYE		
Test Purpose	When the IBCF receives a BYE request from the other network containing a Date, ensure that a BYE request is sent to the own network and the Date header is present as received from the other network.			
SIP Parameter values	BYE: Date: Wen, 23 I	Mar 2011 13:03:00 GMT		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	←	← BYE	
	Apply post test routine			

TP number	IBCF 203 076 B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/39		
Test Purpose name	Date header not suppo	orted in BYE		
Test Purpose	When the IBCF receives a BYE request from the other network containing a Date, ensure that a BYE request is sent to the own network and the Date header is not present.			
SIP Parameter values	BYE1: Date: Wen, 23 I BYE2:	Mar 2011 13:03:00 GMT		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE2	←	← BYE1	
	Apply post test routine			

TP number	IBCF_203_077_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PICS 7	.2.2/39			
Test Purpose name	Date header supported in	200 OK BYE			
Test Purpose	When the IBCF receives a 200 OK BYE response from the own network containing a Date header, ensure that a 200 OK BYE response is sent to the other network and the Date header is present as received from the own network.				
SIP Parameter values	200 OK BYE: Date: Wen,	23 Mar 2011 13:03:00 GM	ΙΤ		
Comments					
Message flows	Mx SUT Ic				
	A session is already established				
	BYE	←	← BYE		
	200 OK BYE	→	→ 200 OK BYE		

TP number	IBCF_203_077_	В	Reference		Annex A [3]	
TSS reference	Entry_Point/scr/	bcall				
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS	7.2.2/39			
Test Purpose name	Date header not	t supported in 2	200 OK BYE			
Test Purpose	Date header, en	When the IBCF receives a 200 OK BYE response from the own network containing a Date header, ensure that a 200 OK BYE response is sent to the other network and the Date header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Date: Wen, 23 Mar 2011 13:03:00 GMT				
Comments						
Message flows	Mx		SUT		lc	
		A session is already established				
	BYE	+		(BYE	
	200 OK BYE1	→		→	200 OK BYE2	

TP number	IBCF_203_077A_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/38	
Test Purpose name	Error-Info header supported ir	unsuccessful resp	oonses
Test Purpose	containing a Error-Info, ensure	e that a 3xx or 4xx	xx response from the own network or 5xx or 6xx response is sent to the nt as received from the own network.
SIP Parameter values	Response: Error-Info: <any< th=""><th>URI></th><th></th></any<>	URI>	
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	Unsuccessful final response	→	 Unsuccessful final response
	ACK	←	← ACK

TP number	IBCF_203_077A_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/38	
Test Purpose name	Error-Info header not supporte	ed in unsuccessful res	sponses
Test Purpose		that a 3xx or 4xx or	response from the own network 5xx or 6xx response is sent to the sent.
SIP Parameter values	Response: Error-Info: <any< th=""><th>URI></th><th></th></any<>	URI>	
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	Unsuccessful final response1	→	→ Unsuccessful final response2
	ACK	←	← ACK

TP number	IBCF_203_078_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	41		
Test Purpose name	Expires header supported in IN	IVITE		
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE is present as received from the	request is sent to the own net		
SIP Parameter values	INVITE: Expires: 3600			
Comments				
Message flows	Mx	SUT	lc	
	INVITE ←	←	INVITE	
	Apply post test routine			

TP number	IBCF_203_078_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/41	
Test Purpose name	Expires header not sup	ported in INVITE	
Test Purpose			the other network containing an Expires the own network and the Expires header
SIP Parameter values	INVITE1: Expires: 360 INVITE2:	00	
Comments			
Message flows	Mx	SUT	lc
	INVITE2	← Apply post test	← INVITE1 routine

TP number	IBCF_203_081_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/40	
Test Purpose name	Event header supported in SU	IBCRIBE	
Test Purpose	When the IBCF receives a SL Event header, ensure that a S Event header is present as re	UBSCRIBE request is sent to	the own network and the
SIP Parameter values	SUBSRIBE: Event: call-com	pletion	
Comments			
Message flows	Mx	SUT	lc
	SUBSRIBE	- ← Apply post test routine	SUBSRIBE

TP number	IBCF_203_081_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	•	
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/40	
Test Purpose name	Event header not sup	ported in SUBCRIBE	
Test Purpose		that a SUBSCRIBE request	m the other network containing an is sent to the own network and the
SIP Parameter values	SUBSRIBE1: Event: (SUBSRIBE2:	call-completion	
Comments			
Message flows	Mx	SUT	lc
	SUBSRIBE2	← Apply post test i	← SUBSRIBE1

TP number	IBCF_203_082_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	40			
Test Purpose name	Event header supported in NO	TIFY			
Test Purpose	When the IBCF receives a NO header, ensure that a NOTIFY present as received from the o	request is sent to the own net			
SIP Parameter values	NOTIFY: Event: call-completion	on			
Comments					
Message flows	Mx	SUT	Ic		
	NOTIFY	←	NOTIFY		
	Apply post test routine				

TP number	IBCF_203_082_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NC	OT PICS 7.2.2/40	
Test Purpose name	Event header not sup	ported in NOTIFY	
Test Purpose			the other network containing an Event the own network and the Event header is
SIP Parameter values	NOTIFY1: Event: call- NOTIFY2:	completion	
Comments			
Message flows	Mx	SUT	lc
-	NOTIFY2	← Apply post test	← NOTIFY1 routine

TP number	IBCF_203_082A_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.	.2.2/40 AND PICS 7.2.2/2	105			
Test Purpose name	Flow-Timer header suppor	ted in 200 OK REGISTE	R			
Test Purpose	containing a Flow-Timer he	When the IBCF receives a 200 OK REGISTER response from the own network containing a Flow-Timer header, ensure that a 200 OK REGISTER response is sent to the other network and the Flow-Timer header is present as received from the own network.				
SIP Parameter values	200 OK: Flow-Timer: 360	200 OK: Flow-Timer: 3600				
Comments						
Message flows	Mx	SUT	lc			
	REGISTER	←	← REGISTER			
	200 OK	→	→ 200 OK			

TP number	IBCF_203_082A_B	Reference	Ar	nnex A [3]			
TSS reference	Entry_Point/scr/bcall	•					
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/40 AND PICS	7.2.2/105				
Test Purpose name	Flow-Timer header not	supported in 200 OK REC	SISTER				
Test Purpose	containing a Flow-Time	When the IBCF receives a 200 OK REGISTER response from the own network containing a Flow-Timer header, ensure that a 200 OK REGISTER response is sent to the other network and the Flow-Timer header is not present.					
SIP Parameter values	200 OK 1: Flow-Timer: 200 OK 2:	200 OK 1: Flow-Timer: 3600 200 OK 2:					
Comments							
Message flows	Mx	SUT		lc			
	REGISTER	←	← RE	EGISTER			
	200 OK1	→	→ 20	00 OK2			

TP number	IBCF_203_083	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall		
Selection criteria				
Test Purpose name	From header supported in INV	ITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a From header, ensure that an INVITE request is sent to the own network and the From header is present as received from the other network.			
SIP Parameter values	INVITE: From: <[any URI]>; tag=[any value]			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE ←	←	INVITE	
	Apply post test routine			

TP number	IBCF_203_084	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	From header supported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a From header, ensure that a 180 Ringing response is sent to the other network and the From header is present as received from the own network.		
SIP Parameter values	180: From: <[any URI]>; tag=[any value]		
Comments			
Message flows	Mx INVITE 180 Ringing	-	Ic INVITE 180 Ringing

TP number	IBCF_203_085	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	From header supported 200 C	OK INVITE	
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a From header, ensure that a 200 OK INVITE response is sent to the other network and the From header is present as received from the own network.		
SIP Parameter values	200 OK INVITE: From: <[any	URI]>; tag=[any value]	
Comments			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE →	→	Ic INVITE 180 Ringing 200 OK INVITE

Entry_Point/scr/bcall PICS 7.1.1/2	·	
DICS 7 1 1/2		
FIGS 1.1.1/2		
From header supporte	d in ACK	
When the IBCF receives an ACK request from the other network containing a From header, ensure that an ACK request is sent to the own network and the From header is present as received from the other network.		
ACK: From: <[any UF	RI]>; tag=[any value]	
Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK st routine
	From header supporte When the IBCF receiv header, ensure that ar present as received fro ACK: From: <[any UF] Mx INVITE 180 Ringing 200 OK INVITE	From header supported in ACK When the IBCF receives an ACK request from the header, ensure that an ACK request is sent to the present as received from the other network. ACK: From: <[any URI]>; tag=[any value] Mx SUT INVITE 180 Ringing 200 OK INVITE

TP number	IBCF_203_087	Reference	Annex A [3]
TSS reference	Entry Point/scr/bcall		
Selection criteria			
Test Purpose name	From header supported in BYE		
Test Purpose	When the IBCF receives a BYE request from the other network containing a From header, ensure that a BYE request is sent to the own network and the From header is present as received from the other network.		
SIP Parameter values	BYE: From: <[any URI]>; tag	=[any value]	
Comments			
Message flows	Mx	SUT	lc
	A session is already established		
	BYE ←	+	BYE
	Apply post test routine		

TP number	IBCF_203_088	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·	· · · · · · · · · · · · · · · · · · ·	
Selection criteria				
Test Purpose name	From header supporte	ed 200 OK BYE		
Test Purpose	From header, ensure		from the own network containing a is sent to the other network and the network.	
SIP Parameter values	200 OK BYE: From: <	[any URI]>; tag=[any value]		
Comments				
Message flows	Mx	SUT	Ic	
		A session is already established		
	BYE	←	← BYE	
	Apply post test routine			

TP number	IBCF_203_089_A	Reference	Annex A [3]
TSS reference	Entry Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/43		
Test Purpose name	Geolocation header supported		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Geolocation header, ensure that an INVITE request is sent to the own network and the Geolocation header is present as received from the other network.		
SIP Parameter values	INVITE: Geolocation: <sip:[any uri]="">; inserted-by=[any host-ID value]</sip:[any>		
Comments			
Message flows	Mx	SUT	lc
	INVITE ←	←	INVITE
	Apply post test routine		

TP number	IBCF_203_089_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/43		
Test Purpose name	Geolocation header no			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Geolocation header, ensure that an INVITE request is sent to the own network and the Geolocation header is not present.			
SIP Parameter values	INVITE1: Geolocation INVITE2:	INVITE1: Geolocation: <sip:[any uri]="">; inserted-by=[any host-ID value] INVITE2:</sip:[any>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE2			

TP number	IBCF_203_090_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/43		
Test Purpose name	Geolocation header s	supported in BYE		
Test Purpose	header, ensure that a	When the IBCF receives a BYE request from the other network containing a Geolocation header, ensure that a BYE request is sent to the own network and the Geolocation header is present as received from the other network.		
SIP Parameter values	BYE: Geolocation:	BYE: Geolocation: <sip:[any uri]="">; inserted-by=[any host-ID value]</sip:[any>		
Comments				
Message flows	Mx	SUT	lc	
		A session is already established		
	BYE	←	← BYE	
	200 OK BYE	200 OK BYE → 200 OK BYE		

TP number	IBCF_203_090_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	OT PICS 7.2.2/43		
Test Purpose name	Geolocation header n	ot supported in BYE		
Test Purpose	header, ensure that a	When the IBCF receives a BYE request from the other network containing a Geolocation header, ensure that a BYE request is sent to the own network and the Geolocation header is not present.		
SIP Parameter values	BYE1: Geolocation: < BYE2:	BYE1: Geolocation: <sip:[any uri]="">; inserted-by=[any host-ID value] BYE2:</sip:[any>		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE2	←	← BYE1	
	200 OK BYE	200 OK BYE → 200 OK BYE		

TP number	IBCF_203_091_A	Reference	Annex A [3]
TSS reference	Entry Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	44	
Test Purpose name	Geolocation-Error header supp	ported in 180	
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Geolocation-Error header, ensure that a 180 Ringing response is sent to the other network and the Geolocation-Error header is present as received from the other network.		
SIP Parameter values	180: Geolocation-Error: 100		
Comments			
Message flows	Mx	SUT	lc
	INVITE +	· ←	INVITE
	180 Ringing →	→	180 Ringing
	Apply post test routine		

TP number	IBCF_203_091_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NC	OT PICS 7.2.2/44		
Test Purpose name	Geolocation-Error hea	ader not supported in 180		
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Geolocation-Error header, ensure that a 180 Ringing response is sent to the other network and the Geolocation-Error header is not present.			
SIP Parameter values	180 1: Geolocation-E	rror: 100		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	180 Ringing1	→	→ 180 Ringing2	
	Apply post test routine			

TP number	IBCF_203_092_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall		•		
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/44			
Test Purpose name	Geolocation-Error heade	r supported in 200 OK IN	VITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Geolocation-Error header, ensure that a 200 OK INVITE response is sent to the other network and the Geolocation-Error header is present as received from the other network.				
SIP Parameter values	200 OK INVITE: Geolog	cation-Error: 100			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE		

TP number	IBCF_203_092_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/44			
Test Purpose name	Geolocation-Error hea	der not supported in 200 C	OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Geolocation-Error header, ensure that a 200 OK INVITE response is sent to the other network and the Geolocation-Error header is not present.				
SIP Parameter values	200 OK INVITE1: Geo 200 OK INVITE2:	location-Error: 100			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing → 180 Ringing				
	200 OK INVITE1 → 200 OK INVITE2				
	Apply post test routine				

TP number	IBCF_203_093_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/44				
Test Purpose name	Geolocation-Error hea	der supported in 200 OK E	BYE			
Test Purpose	Geolocation-Error hea	When the IBCF receives a 200 OK BYE response from the own network containing a Geolocation-Error header, ensure that a 200 OK BYE response is sent to the other network and the Geolocation-Error header is present as received from the own network.				
SIP Parameter values	200 OK BYE: Geoloca	200 OK BYE: Geolocation-Error: 100				
Comments						
Message flows	Mx	SUT		lc		
	A session is already established					
	BYE	BYE				
	200 OK BYE	200 OK BYE → 200 OK BYE				

TP number	IBCF_203_093_	_B Refe	rence	Annex A [3]		
TSS reference	Entry_Point/scr/	bcall				
Selection criteria	PICS 7.1.1/3 AN	ND NOTPICS 7.2.2/4	4			
Test Purpose name	Geolocation-Err	or header not suppo	rted in 200 OK BYE			
Test Purpose	Geolocation-Err	When the IBCF receives a 200 OK BYE response from the own network containing a Geolocation-Error header, ensure that a 200 OK BYE response is sent to the other network and the Geolocation-Error header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Geolocation-Error: 100 200 OK BYE2:				
Comments						
Message flows	Mx		SUT	lc		
		A session is already established				
	BYE					
	200 OK BYE	→	→	200 OK BYE		

TP number	IBCF_203_093A_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/4	45		
Test Purpose name	Geolocation-Routing header su	pported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Geolocation-Routing header, ensure that an INVITE request is sent to the own network and the Geolocation-Routing header is present as received from the other network.			
SIP Parameter values	INVITE: Geolocation-Routing	ı: yes		
Comments				
Message flows	Mx	SUT	Ic	
	INVITE	←	INVITE	
	Apply post test routine			

TP number	IBCF_203_093A_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	5 7.2.2/45				
Test Purpose name	Geolocation-Routing header	not supported in INVITE				
Test Purpose	Geolocation-Routing header,	When the IBCF receives an INVITE request from the other network containing a Geolocation-Routing header, ensure that an INVITE request is sent to the own network and the Geolocation-Routing header is not present.				
SIP Parameter values	INVITE1: Geolocation-Routi INVITE2:	ng: yes				
Comments						
Message flows	Mx SUT Ic					
	INVITE2	INVITE2 ← INVITE1				
	Apply post test routine					

TP number	IBCF_203	3_093B_A	Reference	Annex A [3]		
TSS reference	Entry_Poi	nt/scr/bcall				
Selection criteria	PICS 7.1.	1/3 AND PICS 7.2.2	/46			
Test Purpose name	Feature-C	aps header supporte	ed in INVITE			
Test Purpose	Caps hea	When the IBCF receives an INVITE request from the other network containing a Feature-Caps header, ensure that an INVITE request is sent to the own network and the Feature-Caps header is present as received from the other network.				
SIP Parameter values	INVITE:	Feature-Caps: sip.t	ext			
Comments						
Message flows		Mx	SUT	Ic		
	INVITE					

TP number	IBCF_203_093B_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/46				
Test Purpose name	Feature-Caps header n	ot supported in INVITE				
Test Purpose		When the IBCF receives an INVITE request from the other network containing a Feature-Caps header, ensure that an INVITE request is sent to the own network and the Feature-Caps header is not present.				
SIP Parameter values	INVITE1: Feature-Cap INVITE2:	os: sip.text				
Comments						
Message flows	Mx	SUT	lc			
-	INVITE2 Apply post test routine					

TP number	IBCF_203_093C_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/46			
Test Purpose name	Feature-Caps header supporte	ed in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Feature-Caps header, ensure that a 180 Ringing response is sent to the other network and the Feature-Caps header is present as received from the own network.				
SIP Parameter values	180: Feature-Caps: sip.text	•			
Comments					
Message flows	Mx INVITE 180 Ringing →	SUT Apply post test routine	Ic INVITE 180 Ringing		
		Apply post test routine			

TP number	IBCF_203_093C_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	<u> </u>		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/46			
Test Purpose name	Feature-Caps header r	not supported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Feature-Caps header, ensure that a 180 Ringing response is sent to the other network and the Feature-Caps header is not present.				
SIP Parameter values	180 1: Feature-Caps: 9	sip.text			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing1	→	→ 180 Ringing2		
	Apply post test routine				

TP number	IBCF_203_093D_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	46		
Test Purpose name	Feature-Caps header support	ed in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Feature-Caps header, ensure that a 200 OK INVITE response is sent to the other network and the Feature-Caps header is present as received from the own network.			
SIP Parameter values	200 OK: Feature-Caps: sip.te			
Comments				
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE →	=	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF 203 093D B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/46				
Test Purpose name	Feature-Caps header no	t supported in 200 OK IN	VITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Feature-Caps header, ensure that a 200 OK INVITE response is sent to the other network and the Feature-Caps header is not present.					
SIP Parameter values	200 OK 1: Feature-Caps 200 OK 2:	200 OK 1: Feature-Caps: sip.text				
Comments						
Message flows	Mx	SUT	lc			
	INVITE ← INVITE					
	180 Ringing → 180 Ringing					
	200 OK INVITE1 → 200 OK INVITE2					
		Apply post test re	outine			

TP number	IBCF_203_093E_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	PICS 7.1.1/3 AND PICS 7.2.2/47			
Test Purpose name	History-Info header supported	in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a History-Info header, ensure that an INVITE request is sent to the own network and the History-Info header is present as received from the other network.				
SIP Parameter values	INVITE: History-Info: <any uri="">; index=1, <any cause="any" uri;="">; index=1.1</any></any>				
Comments					
Message flows	Mx	SUT	Ic		
	INVITE ←	←	INVITE		
	Apply post test routine				

TP number	IBCF_203_093E_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/47	
Test Purpose name	History-Info header not suppo		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a History-Info header, ensure that an INVITE request is sent to the own network and the History-Info header is not present.		
SIP Parameter values	INVITE1: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1 INVITE2:</any></any>		
Comments			
Message flows	Mx	SUT	lc
	INVITE2 ←	←	INVITE1
	Apply post test routine		

TP number	IBCF_203_093F_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	47	
Test Purpose name	History-Info header supported	in 181	
Test Purpose	When the IBCF receives a 181 Being forwarded response from the own network containing a History-Info header, ensure that a 181 Being forwarded response is sent to the other network and the History-Info header is present as received from the own network.		
SIP Parameter values	181: History-Info: <any th="" uri<=""><th>; index=1, <any uri;cause="a</th"><th>ny>; index=1.1</th></any></th></any>	; index=1, <any uri;cause="a</th"><th>ny>; index=1.1</th></any>	ny>; index=1.1
Comments			
Message flows	Mx INVITE ← 181 Being Forwarded →	=	Ic INVITE 181 Being Forwarded

TP number	IBCF_203_093F_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall		<u> </u>		
Selection criteria	PICS 7.1.1/3 AND NOT PI	CS 7.2.2/47			
Test Purpose name	History-Info header not su	History-Info header not supported in 181			
Test Purpose	When the IBCF receives a 181 Being forwarded response from the own network containing a History-Info header, ensure that a 181 Being forwarded response is sent to the other network and the History-Info header is not present.				
SIP Parameter values	181: History-Info: <any uri="">; index=1, <any cause="any" uri;="">; index=1.1</any></any>				
Comments			-		
Message flows	Mx INVITE 181 Being Forwarded1	SUT ←	Ic ← INVITE → 181 Being Forwarded2		
Apply post test routine			outine		

TP number	IBCF_203_093G_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/47		
Test Purpose name	History-Info header supported	in 183		
Test Purpose	When the IBCF receives a 183 Session Progress response from the own network containing a History-Info header, ensure that a 183 Session Progress response is sent to the other network and the History-Info header is present as received from the own network.			
SIP Parameter values	183: History-Info: <any th="" uri<=""><th>>; index=1, <any uri;cause="a</th"><th>any>; index=1.1</th></any></th></any>	>; index=1, <any uri;cause="a</th"><th>any>; index=1.1</th></any>	any>; index=1.1	
Comments				
Message flows	Mx	SUT	lc	
	INVITE	-	INVITE	
	183 Session Progress →	→	183 Session Progress	
	Apply post test routine			

TP number	IBCF_203_093G_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		<u> </u>
Selection criteria	PICS 7.1.1/3 AND NOT PI	CS 7.2.2/47	
Test Purpose name	History-Info header not su	pported in 183	
Test Purpose	When the IBCF receives a 183 Session Progress response from the own network containing a History-Info header, ensure that a 183 Session Progress response is sent to the own network and the History-Info header is not present.		
SIP Parameter values	183 1: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1 183 2:</any></any>		
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	183 Session Progress1	→	→ 183 Session Progress2
	Apply post test routine		

TP number	IBCF_203_093H_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	47		
Test Purpose name	History-Info header supported	in 200 OK		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a History-Info header, ensure that a 200 OK INVITE response is sent to the other network and the History-Info header is present as received from the own network.			
SIP Parameter values	200 OK: History-Info: <any th="" u<=""><th></th><th></th></any>			
Comments				
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE →	SUT ← → Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF 203 093H B	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/47			
Test Purpose name	History-Info header not	supported in 200 OK			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a History-Info header, ensure that a 200 OK INVITE response is sent to the other network and the History-Info header is not present.				
SIP Parameter values	200 OK 1: History-Info: <any uri="">; index=1, <any uri;cause="any">; index=1.1 200 OK 2:</any></any>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing → 180 Ringing				
	200 OK INVITE1	→	→ 200 OK INVITE2		
		Apply post test re	outine		

TP number	IBCF_203_093I_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/48 AND PICS 7.2.2	/108		
Test Purpose name	Info-Package header s	supported in INFO request			
Test Purpose	When the IBCF receive	es an INFO request from the	e other network containing a Info-		
	Package header, ensu	re that an INFO request is s	sent to the own network and the Info-		
	Package header is pre	sent as received from the o	ther network.		
SIP Parameter values		INFO: Info-Package: etsi			
	Content-type: a	Content-type: application/etsi			
	Content-Dispos	Content-Disposition: Info-Package			
	Content-length: xx				
	I am an etsi message type				
Comments					
Message flows	Mx	SUT	lc		
	INFO ← INFO				
	Apply post test routine				

TP number	IBCF_203_093I_B	Reference	Annex A [3]	
TSS reference	Entry Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NC	OT PICS 7.2.2/48 AND PICS	S 7.2.2/108	
Test Purpose name	Info-Package header	not supported in INFO red	quest	
Test Purpose	When the IBCF receives an INFO request from the other network containing a Info- Package header, ensure that an INFO request is sent to the own network and the Info- Package header is not present.			
SIP Parameter values	INFO: Info-Package: etsi Content-type: application/etsi Content-Disposition: Info-Package Content-length: xx I am an etsi message type INFO1:			
Comments				
Message flows	Mx INFO2	SUT C	ic ← INFO1	
	Apply post test routine			

TP number	IBCF_203_093J_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/49		
Test Purpose name	In-Reply-To header s	supported in INVITE		
Test Purpose	To header, ensure that		the other network containing a In-Reply- t to the own network and the In-Reply-To work.	
SIP Parameter values	INVITE: In-Reply-T	INVITE: In-Reply-To: 123456789@etsi.com		
Comments				
Message flows	Mx	SUT	lc	
	INVITE ← ← INVITE Apply post test routine			

TP number	IBCF_203_093J_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/49		
Test Purpose name	In-Reply-To header no	ot supported in INVITE		
Test Purpose		When the IBCF receives an INVITE request from the other network containing a In-Reply- To header, ensure that an INVITE request is sent to the own network and the In-Reply-To header is not present.		
SIP Parameter values	INVITE1: In-Reply-To INVITE2:	: 123456789@etsi.com		
Comments				
Message flows	Mx	SUT	lc	
	INVITE2 Apply post test routine			

TP number	IBCF_203_093K_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	50			
Test Purpose name	Join header supported in INVIT	E			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Join header, ensure that an INVITE request is sent to the own network and the Join header is present as received from the other network.				
SIP Parameter values	INVITE: Join: 123456789@etsi.com; to-tag=12345678; to-tag=987654321 Require: join				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	←	INVITE		
	Apply post test routine				

TP number	IBCF_203_093K_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/50				
Test Purpose name	Join header not supported in	NVITE				
Test Purpose		When the IBCF receives an INVITE request from the other network containing a Join header, ensure that an INVITE request is sent to the own network and the Join header is not present.				
SIP Parameter values	INVITE1: Join: 123456789@ Require: join INVITE2:					
Comments						
Message flows	Mx INVITE2	SUT +	Ic INVITE1			
	Apply post test routine					

TP number	IBCF_203_094_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	51			
Test Purpose name	Max-Breadth header supported				
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Max-Breadth header, ensure that an INVITE request is sent to the own network and the Max-Breadth header is present as received from the own network.				
SIP Parameter values	INVITE1: Max-Breadth: 10				
Comments					
Message flows	Mx	SUT	lc		
	INVITE INVITE				
	Apply post test routine				

TP number	IBCF_203_094_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/51				
Test Purpose name	Max-Breadth header no	t supported in INVITE				
Test Purpose	Max-Breadth header, en	When the IBCF receives an INVITE request from the other network containing a Max-Breadth header, ensure that an INVITE request is sent to the own network and the Max-Breadth header is not present.				
SIP Parameter values	INVITE1: Max-Breadth: INVITE2:	INVITE1: Max-Breadth: 10				
Comments						
Message flows	Mx	SUT	lc			
	INVITE2	← Apply post test	← INVITE1 routine			

IBCF_203_095_A	Reference	Annex A [3]		
Entry_Point/scr/bcall	·	•		
NOT PICS 7.1.1/2 AN	D PICS 7.1.1/3 AND PICS 7	7.2.2/51		
Max-Breadth header s	supported in ACK			
When the IBCF receives an ACK request from the other network containing a Max- Breadth header, ensure that an ACK request is sent to the own network and the Max- Breadth header is present as received from the own network.				
ACK 1: Max-Bread	th: 10			
Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK routine		
	Entry Point/scr/bcall NOT PICS 7.1.1/2 AN Max-Breadth header s When the IBCF receiv Breadth header, ensu Breadth header is pre ACK 1: Max-Bread Mx INVITE 180 Ringing 200 OK INVITE	Entry Point/scr/bcall NOT PICS 7.1.1/2 AND PICS 7.1.1/3 AND PICS 7. Max-Breadth header supported in ACK When the IBCF receives an ACK request from the Breadth header, ensure that an ACK request is see Breadth header is present as received from the ova ACK 1: Max-Breadth: 10 Mx SUT INVITE ← 180 Ringing → 200 OK INVITE → ACK		

TP number	IBCF_203_095_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	NOT PICS 7.1.1/2 AND PICS 7	7.1.1/3 AND NOT PICS 7.2.2/5	51		
Test Purpose name	Max-Breadth header not suppo	orted in ACK			
Test Purpose	When the IBCF receives an ACK request from the other network containing a Max- Breadth header, ensure that an ACK request is sent to the own network and the Max- Breadth header is not present.				
SIP Parameter values	ACK 1: Max-Breadth: 10 ACK 2:				
Comments					
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE → ACK	SUT ← → ← Apply post test routine	IC INVITE 180 Ringing 200 OK INVITE ACK		

TP number	IBCF_203_096_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/51				
Test Purpose name	Max-Breadth header	supported in BYE				
Test Purpose	header, ensure that a		ther network containing a Max-Breadth vn network and the Max-Breadth rk.			
SIP Parameter values	BYE 1:Max-Breadth:	10				
Comments						
Message flows	Mx	SUT	Ic			
	A session is already established					
	BYE ← BYE					
	Apply post test routine					

TP number	IBCF_203_096_B	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/51			
Test Purpose name	Max-Breadth header n	ot supported in BYE			
Test Purpose			ther network containing a Max-Breadth vn network and the Max-Breadth		
SIP Parameter values	BYE 1:Max-Breadth: 1 BYE 2:	0			
Comments					
Message flows	Mx	SUT	lc		
_	A session is already established				
	BYE ← BYE				
	Apply post test routine				

TP number	IBCF_203_097	7 Re	eference		Annex A [3	5]
TSS reference	Entry_Point/sc	r/bcall				
Selection criteria						
Test Purpose name	Max-Forwards	header supported	in INVITE			
Test Purpose	Max-Forwards	When the IBCF receives an INVITE request from the other network containing a Max-Forwards header, ensure that an INVITE request is sent to the own network and the Max-Forwards header is present.				
SIP Parameter values	INVITE: Max	κ-Forwards: [any va	lue]			
Comments						
Message flows	Mx		SUT			lc
	INVITE	←		+	INVITE	
		Apply post test routine				

TP number	IBCF_203_098	Referenc	e	Annex A [3]	
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Max-Forwards header	supported in ACK			
Test Purpose	When the IBCF receives an ACK request from the other network containing a Max-Forwards header, ensure that an ACK request is sent to the own network and the Max-Forwards header is present.				
SIP Parameter values	ACK: Max-Forwards:	[any value]			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	← → → ← Apply p	SUT	Ic INVITE 180 Ringing 200 OK INVITE ACK	

TP number	IBCF_203_099	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria					
Test Purpose name	Max-Forwards header	supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing a Max- Forwards header, ensure that a BYE request is sent to the own network and the Max- Forwards header is present.				
SIP Parameter values	BYE: Max-Forwards:	[any value]			
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE	←	← BYE		
	Apply post test routine				

TP number	IBCF_203_099A_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/52				
Test Purpose name	MIME-Version heade	r supported in INVITE				
Test Purpose	Version header, ensu	When the IBCF receives an INVITE request from the other network containing a MIME- Version header, ensure that an INVITE request is sent to the own network and the MIME- Version header is present as received from the other network.				
SIP Parameter values	INVITE: MIME-Version: 1.0					
Comments						
Message flows	Mx	SUT	lc			
_	INVITE	←	← INVITE			
	Apply post test routine					

TP number	IBCF_203_099A_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/52		
Test Purpose name	MIME-Version header not sup	ported in INVITE		
Test Purpose	When the IBCF receives an IN Version header, ensure that an Version header is not present.			
SIP Parameter values	INVITE1: MIME-Version: 1.0 INVITE2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE2 ←	+	INVITE1	
	Apply post test routine			

	ed in 200 OK OK INVITE response from the	
ME-Version header supporte en the IBCF receives a 200	ed in 200 OK OK INVITE response from the	
en the IBCF receives a 200	OK INVITE response from the	
OK: MIME-Version: 1.0	•	
Mx /ITE ← D Ringing → D OK INVITE ← K	→ → ←	Ic INVITE 180 Ringing 200 OK INVITE ACK
/ ()	Mx ITE Ringing OK: MINE-Version: 1.0 Mx A Ringing OK INVITE	Mx SUT ITE ← ← Ringing → → OK INVITE → →

TP number	IBCF_203_099B_B	Reference	Annex A [3]				
TSS reference	Entry Point/scr/bcall						
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/52					
Test Purpose name	MIME-Version header not sup	ported in 200 OK					
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a MIME-Version header, ensure that a 200 OK INVITE response is sent to the other network and the MIME-Version header is not present.						
SIP Parameter values	200 OK 1: MIME-Version: 1.0 200 OK 2:						
Comments							
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	→	Ic INVITE 180 Ringing 200 OK INVITE2 ACK				

TP number	IBCF_203_099C_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.2/52			
Test Purpose name	MIME-Version header s	supported in BYE			
Test Purpose	Version header, ensure		ther network containing a MIME- to the own network and the MIME- ner network.		
SIP Parameter values	BYE: MIME-Version: 1	1.0			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	←	← BYE		
	Apply post test routine				

TP number	IBCF_203_099C_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/52			
Test Purpose name	MIME-Version header not su	oported in BYE			
Test Purpose		E request from the other netwo BYE request is sent to the own			
SIP Parameter values	BYE 1:MIME-Version: 1.0 BYE 2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE2	·	BYE1		
	Apply post test routine				

TP number	IBCF_203_100_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		•
Selection criteria	PICS 7.1.1/3 AND PICS	5 7.2.1/1 AND PICS 7.2.2/5	33 AND PICS 7.2.2/103
Test Purpose name	Min-Expires header sup	ported in 423 response	
Test Purpose	containing a Min-Expire network, ensure that the	s header upon sent a REG e 423 Interval Too Brief res	esponse from the own (home) network ISTER request to the own (home) ponse is sent to the other (visited) received from the own network.
SIP Parameter values	423: Min-Expires: [an	y value]	
Comments			
Message flows	Mx	SUT	Ic
	REGISTER	←	← REGISTER
	423 Interval Too Brief	→	→ 423 Interval Too Brief

TP number	IBCF_203_100_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.2.1/1 AND PICS	7.1.1/3 AND NOT PICS	7.2.2/53 AND PICS 7.2.2/103			
Test Purpose name	Min-Expires header not	supported in in 423 resp	oonse			
Test Purpose	containing a Min-Expire network, ensure that the	When the IBCF receives a 423 Interval Too Brief response from the own (home) network containing a Min-Expires header upon sent a REGISTER request to the own (home) network, ensure that the 423 Interval Too Brief response is sent to the other (visited) network and the Min-Expires header is not present.				
SIP Parameter values	423 1: Min-Expires: [an: 423 2:	423 1: Min-Expires: [any value]				
Comments						
Message flows	Mx	SUT	lc			
	REGISTER	-	← REGISTER			
	423 Interval Too Brief	→	→ 423 Interval Too Brief			

TP number	IBCF_203_100A_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	52	
Test Purpose name	Min-SE header supported in IN	IVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE is present as received from the	request is sent to the own net	
SIP Parameter values	INVITE: Min-SE: 100 Session-Expires: 10	00	
Comments	·		
Message flows	Mx	SUT	lc
	INVITE	← Apply post test routine	INVITE

TP number	IBCF_203_100A_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	·
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/52	
Test Purpose name	Min-SE header not su	pported in INVITE	
Test Purpose			the other network containing a Min-SE the own network and the Min-SE header
SIP Parameter values	INVITE1: Min-SE: 100 Session-Ex INVITE2:		
Comments			
Message flows	Mx INVITE2	SUT Apply post test	lc ← INVITE1

TP number	IBCF_203_100B_A	Reference	Annex A [3]			
TSS reference	Entry Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	52				
Test Purpose name	MIME-Version header supported	ed in 422 response				
Test Purpose	When the IBCF receives a 422 Session Interval Too Small response from the own network containing a Min-SE header, ensure that a 422 Session Interval Too Small response is sent to the own network and the Min-SE header is present as received from the own network.					
SIP Parameter values	INVITE: Min-SE: 100 Session-Expires: 10 422: Min-SE: 200	00				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	(← INVITE			
	422 Session Interval Too Smal		→ 422 Session Interval Too Small			
	ACK	+	← ACK			

TP number	IBCF_203_100B_B	Reference	Annex A [3]					
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall						
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/52						
Test Purpose name	Min-SE header not supported	in 422 response						
Test Purpose	network containing a Min-SE h	When the IBCF receives a 422 Session Interval Too Small response from the own network containing a Min-SE header, ensure that a 422 Session Interval Too Small response is sent to the own network and the Min-SE header is not present.						
SIP Parameter values	INVITE1: Min-SE: 100							
Comments								
Message flows	Mx	SUT	Ic					
-	INVITE 422 Session Interval Too Sma ACK	← ∥1 →	← INVITE→ 422 Session Interval Too Small2← ACK					

TP number	IBCF_203_	101_A	Reference		Annex A [3]
TSS reference	Entry_Poin	t/scr/bcall			
Selection criteria	PICS 7.1.1	/3 AND PICS 7	7.2.2/54		
Test Purpose name	Organizatio	n header supp	orted in INVITE		
Test Purpose	Organizatio	on header, ens		request is sent	network containing an to the own network and the etwork.
SIP Parameter values	INVITE: (Organization: "	ETSI-INT"		
Comments					
Message flows		Mx	S	UT	lc
	INVITE		←	←	INVITE
	Apply post test routine				

TP number	IBCF_203_101_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/54		
Test Purpose name	Organization header not supp	orted in INVITE		
Test Purpose	When the IBCF receives an IN Organization header, ensure the Organization header is not pre	nat an INVITE request is sent		
SIP Parameter values	INVITE1: Organization: "ETSI INVITE2:	-INT"		
Comments				
Message flows	Mx	SUT	lc	
	INVITE2 ←	-	INVITE1	
	Apply post test routine			

TP number	IBCF_203_102_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.	2/54		
Test Purpose name	Organization header support	ed in 180		
Test Purpose	Organization header, ensure	30 Ringing response from the c that a 180 Ringing response is resent as received from the ow	sent to the other network and	
SIP Parameter values	180: Organization: "ETSI-I	NT"		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	(INVITE	
	180 Ringing	→	180 Ringing	
	Apply post test routine			

TP number	IBCF_203_102_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/54				
Test Purpose name	Organization header n	ot supported in 180				
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing an Organization header, ensure that a 180 Ringing response is sent to the other network and the Organization header is not present.					
SIP Parameter values	180 1: Organization: "180 2:	ETSI-INT"				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing1 → 180 Ringing2					
	Apply post test routine					

TP number	IBCF 203 103 A	Reference	Annex A [3]			
TSS reference	Entry Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/54				
Test Purpose name	Organization header su	pported in 200 OK INVITE				
Test Purpose	Organization header, e	When the IBCF receives a 200 OK INVITE response from the own network containing a Organization header, ensure that a 200 OK INVITE response is sent to the other network and the Organization header is present as received from the own network.				
SIP Parameter values	200 OK INVITE: Organ	nization: "ETSI-INT"				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing → 200 OK INVITE Dutine			

TP number	IBCF_203_103_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2/54			
Test Purpose name	Organization header not sup				
Test Purpose		200 OK INVITE response from t			
	Organization header, ensure	e that a 200 OK INVITE respon	se is sent to the other network		
	and the Organization heade	r is not present.			
SIP Parameter values	200 OK INVITE1: Organizat	ion: "ETSI-INT"			
	200 OK INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	+ +	INVITE		
	180 Ringing	→ →	180 Ringing		
	200 OK INVITE1	→ →	200 OK INVITE2		
	Apply post test routine				

TP number	IBCF_203_103A_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/56		
Test Purpose name	P-Answer-State heade	er supported in 180 Ringing		
Test Purpose	P-Answer-State heade	er, ensure that a 180 Ringing	from the own network containing a gresponse is sent to the other network sived from the own network.	
SIP Parameter values	180: P-Answer-State	e: Unconfirmed		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	-	← INVITE	
	180 Ringing	→	→ 180 Ringing	
	Apply post test routine			

TP number	IBCF_203_103A_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/56				
Test Purpose name	P-Answer-State header not su	pported in 180 Ringing				
Test Purpose	When the IBCF receives a 180	Ringing response from the ov	vn network containing a			
	P-Answer-State header, ensure that a 180 Ringing response is sent to the other network					
	and the P-Answer-State heade	er is not present.				
SIP Parameter values	180 1: P-Answer-State: Unconfirmed					
	180 2:					
Comments						
Message flows	Mx	SUT	lc			
	INVITE ←	(INVITE			
	180 Ringing1 → 180 Ringing2					
	Apply post test routine					

TD	UDOE 000 400D 4	D-(Δ Δ. [0]				
TP number		IBCF_203_103B_A Reference Annex A [3]						
TSS reference	Entry_Point/scr/bcall							
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/56						
Test Purpose name	P-Answer-State heade	r supported in 2	00 OK INVITE					
Test Purpose				he own network containing a				
		P-Answer-State, ensure that a 200 OK INVITE response is sent to the other network and the P-Answer-State header is present as received from the own network.						
SIP Parameter values	200 OK INVITE: P-An	swer-State: Und	onfirmed					
Comments								
Message flows	Mx		SUT	Ic				
	INVITE	←	+	INVITE				
	180 Ringing	→	→	180 Ringing				
	200 OK INVITE	→	→	200 OK INVITE				
	ACK ← ACK							
	Apply post test routine							

TP number	IBCF_203_103B_B	Reference	Annex A [3]				
TSS reference	Entry_Point/scr/bcall						
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/56					
Test Purpose name	P-Answer-State header not su	upported in 200 OK INVITE					
Test Purpose	P-Answer-State, ensure that a	When the IBCF receives a 200 OK INVITE response from the own network containing a P-Answer-State, ensure that a 200 OK INVITE response is sent to the other network and the P-Answer-State header is not present.					
SIP Parameter values	200 OK INVITE1: P-Answer-St 200 OK INVITE2:	tate: Unconfirmed					
Comments							
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	→ → →	Ic INVITE 180 Ringing 200 OK INVITE2 ACK				

TP number	IBCF_203_103C_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.2.1/1 AND PIC	CS 7.1.1/3 AND PICS 7.2.2	2/57 AND PICS 7.2.2/105			
Test Purpose name	P-Associated-URI hea	ader supported in 200 OK	REGISTER			
Test Purpose	containing a P-Associa	When the IBCF receives a 200 OK REGISTER response from the own network containing a P-Associated-URI header, ensure that a 200 OK REGISTER response is sent to the other network and the P-Associated-URI header is present as received from the own network				
SIP Parameter values	200 OK: P-Associate	200 OK: P-Associated-URI: [any URI value]				
Comments						
Message flows	Mx	SUT	lc			
	REGISTER	←	← REGISTER			
	200 OK	→	→ 200 OK			

TP number	IBCF_203_103C_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.2.1/1 AND PICS 7.1.1/3	3 AND NOT PICS 7.2.2/57 AN	D PICS 7.2.2/105		
Test Purpose name	P-Associated-URI header not	supported in 200 OK REGIST	ER		
Test Purpose	When the IBCF receives a 200 OK REGISTER response from the own network containing a P-Associated-URI header, ensure that a 200 OK REGISTER response is sent to the other network and the P-Associated-URI header is not present.				
SIP Parameter values	200 OK 1: P-Associated-URI: [any URI value] 200 OK 2:				
Comments					
Message flows	Mx	SUT	lc		
-	REGISTER ←	-	REGISTER		
	200 OK1 →	→	200 OK2		

TP number	IBCF_203	3_103D_A	Reference		Annex A [3]
TSS reference	Entry_Poi	int/scr/bcall			
Selection criteria	PICS 7.1.	1/3 AND PICS 7.2.2/	58		
Test Purpose name	P-Called-	Party-ID header supp	orted in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a P-Called-Party-ID header, ensure that an INVITE request is sent to the own network and the P-Called-Party-ID header is present as received from the other network.				
SIP Parameter values	INVITE: P-Called-Party-ID: [any URI]				
Comments					
Message flows		Mx	SUT		Ic
	INVITE	(←	INVITE
	Apply post test routine				

TP number	IBCF_203_103D_B	Reference	Annex A [3]	
TSS reference	Entry Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/58		
Test Purpose name	P-Called-Party-ID header not s	supported in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a P-Called-Party-ID header, ensure that an INVITE request is sent to the own network and the P-Called-Party-ID header is not present.			
SIP Parameter values	INVITE1: P-Called-Party-ID: [any URI] INVITE2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE2 ←	← Apply post test routine	INVITE1	

TP number	IBCF_203_104	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	1			
Test Purpose name	The P-Charging-Vector header				
Test Purpose	When the IBCF sends a 180 Ringing response to the other network, ensure that the P-Charging-Vector is present as received from the own network.				
SIP Parameter values	180: P-Charging-Vector: icid; orig-ioi; term-ioi				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	←	INVITE		
	180 Ringing →	→	180 Ringing		
	Apply post test routine				

TP number	IBCF_203_105	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	1		
Test Purpose name	The P-Charging-Vector heade	r is supported in 200 OK INVIT	E	
Test Purpose	When the IBCF sends a 200 OK INVITE response to the other network, ensure that the P-Charging-Vector is present as received from the own network.			
SIP Parameter values	200 OK INVITE: P-Charging-	Vector: icid; orig-ioi; term-ioi		
Comments				
Message flows	Mx	SUT	lc	
	INVITE +	←	INVITE	
	180 Ringing →	→	180 Ringing	
	200 OK INVITE →	→	200 OK INVITE	
	Apply post test routine			

TP number	IBCF_203_106	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/3				
Test Purpose name	The P-Charging-Vect	tor header is not supporte	ted in 180			
Test Purpose		When the IBCF sends a 180 Ringing response to the other network, ensure that the P-Charging-Vector is not present.				
SIP Parameter values	180 1: P-Charging-V	180 1: P-Charging-Vector: icid; orig-ioi; term-ioi 180 2:				
Comments						
Message flows	Mx	SUT	T Ic			
	INVITE	←	← INVITE			
	180 Ringing 1	→	→ 180 Ringing 2			
	Apply post test routine					

TP number	IBCF_203_107	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2/3				
Test Purpose name	The P-Charging-Vector head	der is not supported in 200 OK I	NVITE			
Test Purpose		When the IBCF sends a 200 OK INVITE response to the other network, ensure that the P-Charging-Vector is not present.				
SIP Parameter values	200 OK INVITE1: P-Charging 200 OK INVITE2:	200 OK INVITE1: P-Charging-Vector: icid; orig-ioi; term-ioi 200 OK INVITE2:				
Comments						
Message flows	180 Ringing	SUT ← ← → → → Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE2			

TP number	IBCF_203_108	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3					
Test Purpose name	P-Media-Authorization	header not supported in IN\	/ITE			
Test Purpose	P-Media-Authorization	When the IBCF receives an INVITE request from the other network containing a P-Media-Authorization header, ensure that an INVITE request is sent to the own network and the P-Media-Authorization header is not present.				
SIP Parameter values	INVITE1: P-Media-Au INVITE2:	INVITE1: P-Media-Authorization: 001d56ad781f				
Comments	The P-Media-Authoriz	The P-Media-Authorization header is combined with the resource reservation procedure				
Message flows	Mx	Mx SUT Ic				
	INVITE	←	← INVITE			
	Apply post test routine					

TP number	IBCF_203_109	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3			
Test Purpose name	P-Media-Authorization header	not supported in 183		
Test Purpose	When the IBCF receives a 183 Session Progress response from the own network containing a P-Media-Authorization header, ensure that a 183 Session Progress response is sent to the other network and the P-Media-Authorization header is not present.			
SIP Parameter values	183 1: P-Media-Authorization: 001d56ad781f 183 2:			
Comments	The P-Media-Authorization header is combined with the resource reservation procedure			
Message flows	Mx	SUT	lc	
	INVITE ←	←	INVITE	
	183 Session Progress 1 →	→	183 Session Progress 2	
	Apply post test routine			

TP number	IBCF_203_110	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3				
Test Purpose name	P-Media-Authorization header	not supported in 200 OK INVI	TE		
Test Purpose	When the IBCF receives a 200	OK INVITE response from the	e own network containing a		
	P-Media-Authorization header,	ensure that a 200 OK INVITE	response is sent to the other		
	network and the P-Media-Auth	orization header is not present	t.		
SIP Parameter values	200 OK INVITE1: P-Media-Authorization: 001d56ad781f				
	200 OK INVITE2:				
Comments	The P-Media-Authorization hea	ader is combined with the reso	urce reservation procedure		
Message flows	Mx	SUT	lc		
	INVITE ←	←	INVITE		
	183 Session Progress →	→	183 Session Progress		
	200 OK INVITE1 →	→	200 OK INVITE2		
		Apply post test routine			

TP number	IBCF_203_111	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3		
Test Purpose name	P-Preferred-Identity header no	t supported in INVITE	
Test Purpose	When the IBCF receives an INVITE request from the other network containing a P-Preferred-Identity header, ensure that an INVITE request is sent to the own network and the P-Preferred-Identity header is not present.		
SIP Parameter values	INVITE1: P-Preferred-Identity INVITE2:	: <[any URI]>	
Comments			
Message flows	Mx	SUT	lc
	INVITE2 ←	←	INVITE1
	Apply post test routine		

TP number	IBCF_203_112	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3		
Test Purpose name	P-Preferred-Identity I	neader not supported in 180	
Test Purpose	P-Preferred-Identity I		from the own network containing a nging response is sent to the other t present.
SIP Parameter values	180 1: P-Preferred-lo 180 2:	dentity: <[any URI]>	
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	180 Ringing 1	→	→ 180 Ringing 2
	Apply post test routine		

TP number	IBCF_203_113	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3				
Test Purpose name	P-Preferred-Identity header no	t supported in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200	OK INVITE response from the	e own network containing a		
	P-Preferred-Identity header, e		sponse is sent to the other		
	network and the P-Preferred-le	dentity header is not present.	•		
SIP Parameter values	200 OK INVITE1: P-Preferred-	200 OK INVITE1: P-Preferred-Identity: <[any URI]>			
	200 OK INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE +	· ←	INVITE		
	180 Ringing →	· →	180 Ringing		
	200 OK INVITE1 →	· →	200 OK INVITE2		
	Apply post test routine				

TP number	IBCF_203_114_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3				
Test Purpose name	P-Preferred-Service h	eader supported in INVITE			
Test Purpose	P-Preferred-Service h	When the IBCF receives an INVITE request from the other network containing a P-Preferred-Service header, ensure that an INVITE request is sent to the own network and the P-Preferred-Service header is present as received from the other network.			
SIP Parameter values	INVITE1: P-Preferred	INVITE1: P-Preferred-Service: urn:urn-7:3gpp-service.exampletelephony.version1			
Comments					
Message flows	Mx	SUT	lc		
	INVITE2	←	← INVITE1		
	Apply post test routine				

TP number	IBCF_203_114_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/60			
Test Purpose name	P-Preferred-Service header no	t supported in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a P-Preferred-Service header, ensure that an INVITE request is sent to the own network and the P-Preferred-Service header is not present.				
SIP Parameter values	INVITE1: P-Preferred-Service: urn:urn-7:3gpp-service.exampletelephony.version1 INVITE2:				
Comments					
Message flows	Mx SUT Ic				
-	INVITE2	← Apply post test routine	INVITE1		

TP number	IBCF_203_115	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3		
Test Purpose name	P-User-Database header not s	upported in INVITE	
Test Purpose	When the IBCF receives an IN P-User-Database header, ensithe P-User-Database header is	ure that an INVITE request is s	
SIP Parameter values	INVITE1: P-User-Database: < INVITE2:	[any DiameterURI]>	
Comments			
Message flows	Mx	SUT	Ic
	INVITE2 ←	←	INVITE1
	Apply post test routine		

TP number	IBCF_203_116	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.2/14			
Test Purpose name	P-User-Database header supp	orted in REGISTER			
Test Purpose	When the IBCF receives a REGISTER request from the other network containing a P-User-Database header, ensure that a REGISTER request is sent to the own network and the P-User-Database header is present as received from the other network.				
SIP Parameter values	REGISTER: P-User-Database: <[any DiameterURI]>				
Comments					
Message flows	Mx	SUT	lc		
	REGISTER ← REGISTER				
	Apply post test routine				

TP number	IBCF_203_117	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcal	l	· · · · · · · · · · · · · · · · · · ·
Selection criteria	PICS 7.1.1/3 AND P	ICS 7.2.1/1 AND PICS 7.2.2/15	
Test Purpose name	P-Visited-Network-I[header supported in INVITE	
Test Purpose	P-Visited-Network-ID		e other network containing a E request is sent to the own network eceived from the other network.
SIP Parameter values	INVITE: P-Visited-	Network-ID: "Visited network nu	ımber 1"
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	Apply post test routine		

TP number	IBCF_203_118_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.2/15		
Test Purpose name	P-Visited-Network-ID header s	upported in REGISTER		
Test Purpose	When the IBCF receives a REGISTER request from the other network containing a P-Visited-Network-ID header, ensure that a REGISTER request is sent to the own network and the P-Visited-Network-ID header is present as received from the other network.			
SIP Parameter values	REGISTER: P-Visited-Netwo	rk-ID: "Visited network number	r 1"	
Comments				
Message flows	Mx	SUT	lc	
	REGISTER ←	(REGISTER	
	Apply post test routine			

TP number	IBCF_203_118_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND NOT PICS 7.2.2/15		
Test Purpose name	P-Visited-Network-ID header s	upported in REGISTER		
Test Purpose	When the IBCF receives a REGISTER request from the other network containing a P-Visited-Network-ID header, ensure that a REGISTER request is sent to the own network and the P-Visited-Network-ID header is not present.			
SIP Parameter values	REGISTER1: P-Visited-Network-ID: "Visited network number 1" REGISTER2:			
Comments				
Message flows	Mx	SUT	lc	
	REGISTER2 ←	←	REGISTER1	
	Apply post test routine			

TP number	IBCF_203_119	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.1/1			
Test Purpose name	P-Visited-Network-ID heads	er not supported in INVITE			
Test Purpose	P-Visited-Network-ID heads	When the IBCF receives an INVITE request from the other network containing a P-Visited-Network-ID header, ensure that an INVITE request is sent to the own network and the P-Visited-Network-ID header is not present.			
SIP Parameter values	INVITE1: P-Visited-Networ INVITE2:	k-ID: "Visited network nur	mber 1"		
Comments					
Message flows	Mx SUT Ic				
	INVITE2	INVITE2 ← INVITE1			
	Apply post test routine				

TP number	IBCF_203_11	9A_A	Reference	Annex A [3]
TSS reference	Entry_Point/s			
Selection criteria	PICS 7.1.1/3	AND PICS 7.2.2/	63 AND PICS 7.2.2	2/105
Test Purpose name	Path header s	supported in REG	ISTER	
Test Purpose	When the IBCF receives a REGISTER request from the other network containing a Path header, ensure that a REGISTER request is sent to the own network and the Path header is present as received from the other network.			
SIP Parameter values	REGISTER: Path: <sip:p1.examplevisited.com;lr></sip:p1.examplevisited.com;lr>			
Comments				
Message flows	M	х	SUT	lc
	REGISTER	←		← REGISTER
	Apply post test routine			

TP number	IBCF_203_119A_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/63 AND PICS 7.2.2/105		
Test Purpose name	Path header not supported in	REGISTER		
Test Purpose	When the IBCF receives a REGISTER request from the other network containing a Path header, ensure that a REGISTER request is sent to the own network and the Path header is not present.			
SIP Parameter values	REGISTER1: Path: sip:P1.EXAMPLEVISITED.COM;Ir REGISTER2:			
Comments				
Message flows	Mx	SUT	lc	
	REGISTER2 ←	-	REGISTER1	
	Apply post test routine			

TP number	IBCF_203_119B_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2./64			
Test Purpose name	Permission-Missing head	der supported in 470 respo	nse		
Test Purpose	When the IBCF receives a 470 Consent Needed response from the own network containing a Permission-Missing, ensure that a 470 Consent Needed response is sent to the other network and the Permission-Missing header is present as received from the own network.				
SIP Parameter values	470: Permission-Missing: sip:C@example.com				
Comments					
Message flows	Mx INVITE 470 Consent Needed ACK	SUT ← → ←	Ic ← INVITE → 470 Consent Needed ← ACK		

TP number	IBCF_203_119B_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.2./64			
Test Purpose name	Permission-Missing head	er not supported in 470 res	sponse		
Test Purpose	containing a Permission-I	When the IBCF receives a 470 Consent Needed response from the own network containing a Permission-Missing, ensure that a 470 Consent Needed response is sent to the other network and the Permission-Missing header is not present.			
SIP Parameter values	470 1: Permission-Missin 470 2:	470 1: Permission-Missing: sip:C@example.com			
Comments					
Message flows	Mx INVITE 470 Consent Needed1 ACK	SUT ← →	Ic ← INVITE → 470 Consent Needed2 ← ACK		

TP number	IBCF_203_119C_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	2./65				
Test Purpose name	Policy-Contact header support	orted in 488 response				
Test Purpose	containing a Policy-Contact,	When the IBCF receives a 488 Not Acceptable Here response from the own network containing a Policy-Contact, ensure that a 488 Not Acceptable Here response is sent to the other network and the Policy-Contact header is present as received from the own network				
SIP Parameter values	488: Policy-Contact: policy.server.etsi.com					
Comments						
Message flows	Mx	SUT	lc			
_	INVITE	←	← INVITE			
	488 Not Acceptable Here	→	→ 488 Not Acceptable Here			
	ACK	←	← ACK			

TP number	IBCF_203_119C_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall		•			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	S 7.2.2./65				
Test Purpose name	Policy-Contact header not su	upported in 488 respon	nse			
Test Purpose	containing a Policy-Contact,	When the IBCF receives a 488 Not Acceptable Here response from the own network containing a Policy-Contact, ensure that a 488 Not Acceptable Here response is sent to the other network and the Policy-Contact header is not present.				
SIP Parameter values	488 1: Policy-Contact: policy 488 2:	488 1: Policy-Contact: policy.server.etsi.com				
Comments						
Message flows	Mx INVITE 488 Not Acceptable Here1 ACK	SUT ← →	Ic ← INVITE → 488 Not Acceptable Here2 ← ACK			

TP number	IBCF_203_119D_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/66				
Test Purpose name	Priority header supported	d in INVITE				
Test Purpose	header, ensure that an II	When the IBCF receives an INVITE request from the other network containing a Priority header, ensure that an INVITE request is sent to the own network and the Priority header is present as received from the other network.				
SIP Parameter values	INVITE: Priority: norma	al				
Comments						
Message flows	Mx	SUT	Ic			
	INVITE	←	← INVITE			
	Apply post test routine					

TP number	IBCF_203_119D_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/66	
Test Purpose name	Priority header not supported	in INVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE is not present.		
SIP Parameter values	INVITE1: Priority: normal INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE2 ←	← Apply post test routine	INVITE1

TP number	IBCF_203	119E_A	Reference	!	Annex A [3]
TSS reference	Entry_Poir	nt/scr/bcall			•
Selection criteria	PICS 7.1.1	/3 AND PIC	S 7.2.2/67		
Test Purpose name	Priv-Answe	er-Mode hea	ader supported in IN	VITE request	
Test Purpose	Answer he	ader, ensure		quest is sent to th	network containing a Priv- e own network and the Priv- rk.
SIP Parameter values	INVITE:	Priv-Answei	r-Mode: Auto;require)	
Comments					
Message flows		Mx	;	SUT	Ic
	INVITE		←	←	INVITE
	Apply post test routine				

TP number	IBCF_203_119E_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS				
Test Purpose name	Priv-Answer-Mode header not	supported in INVITE request			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Priv- Answer header, ensure that an INVITE request is sent to the own network and the Priv- Answer header is not present.				
SIP Parameter values	INVITE1: Priv-Answer-Mode: Auto;require INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2	-	INVITE1		
	Apply post test routine				

TP number	IBCF_203_119F	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3		
Test Purpose name	Privacy header supported in IN	IVITE request	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE is present as received from the	request is sent to the own ne	
SIP Parameter values	INVITE: Privacy: id,header,u	ser,history	
Comments			
Message flows	Mx	SUT	lc
	INVITE	← Apply post test routine	INVITE

TP number	IBCF_203_119G	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3					
Test Purpose name	Privacy header support	rted in 180 response				
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Privacy header, ensure that a 180 Ringing response is sent to the other network and the Privacy header is present as received from the own network.					
SIP Parameter values	180: Privacy: id,hea	der,user,history				
Comments						
Message flows	Mx	SUT	Ic			
	INVITE	←	← INVITE			
	180 Ringing	→	→ 180 Ringing			
		Apply post test routine				

TP number	IBCF 203 119H	Reference	Annex A [3]			
TSS reference	Entry Point/scr/bcall	•	•			
Selection criteria	PICS 7.1.1/3					
Test Purpose name	Privacy header support	rted in 200 OK response				
Test Purpose	Privacy header, ensur	When the IBCF receives a 200 OK INVITE response from the own network containing a Privacy header, ensure that a 200 OK INVITE response is sent to the other network and the Privacy header is present as received from the own network.				
SIP Parameter values	200 OK: Privacy: id,					
Comments	-					
Message flows	Mx	SUT	Ic			
	INVITE	←	← INVITE			
	180 Ringing	→	→ 180 Ringing			
	200 OK INVITE	→	→ 200 OK INVITE			
	ACK	←	← ACK			
		est routine				

TP number	IBCF_203_119I_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/1 AND F	PICS 7.2.2/68			
Test Purpose name	Proxy-Authenticate header supported	n 407 respons	se		
Test Purpose	When the IBCF receives a 407 Proxy Authentication Required response from the own network containing a Proxy-Authenticate header, ensure that a 407 Proxy Authentication Required response is sent to the other network and the Proxy-Authenticate header is present as received from the own network.				
SIP Parameter values	407: Proxy-Authenticate: Digest nonce="[any value]",realm="[any value]",algorithm=MD5,qop="auth"				
Comments					
Message flows	Mx SUT Ic				
	INVITE	+ +	INVITE		
	407 Proxy Authentication Requred	→ →	407 Proxy Authentication Requred		
	ACK	+ +	ACK		

TP number	IBCF 203 119I B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/1 AND NO	OT PICS 7.2.2	/68		
Test Purpose name	Proxy-Authenticate header not support	ed in 407 resp	onse		
Test Purpose	When the IBCF receives a 407 Proxy Authentication Required response from the own network containing a Proxy-Authenticate header, ensure that a 407 Proxy Authentication Required response is sent to the other network and the Proxy-Authenticate header is not present.				
SIP Parameter values	407 1: Proxy-Authenticate: Digest nonce="[any value]",realm="[any value]",algorithm=MD5,qop="auth" 407 2:				
Comments					
Message flows	Mx SUT Ic				
	INVITE	+ +	INVITE		
	407 Proxy Authentication Requred1		407 Proxy Authentication Requred2		
	ACK	+ +	ACK		

TP number	IBCF_203_120_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/70				
Test Purpose name	Proxy-Require header support	ted in INVITE				
Test Purpose	Proxy-Require header, ensur	When the IBCF receives an INVITE request from the other network containing a Proxy-Require header, ensure that an INVITE request is sent to the own network and the Proxy-Require header is present as received from the other network.				
SIP Parameter values	INVITE: Proxy-Require: priv	vacy				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	÷	INVITE			
	Apply post test routine					

TP number	IBCF_203_120_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	5 7.2.2/70				
Test Purpose name	Proxy-Require header not su	upported in INVITE				
Test Purpose	Proxy-Require header, ensur	When the IBCF receives an INVITE request from the other network containing a Proxy-Require header, ensure that an INVITE request is sent to the own network and the Proxy-Require header is not present.				
SIP Parameter values	INVITE1: Proxy-Require: pri INVITE2:	vacy				
Comments						
Message flows	Mx	SUT	lc			
-	INVITE2	← ← Apply post test routine	INVITE1			

IBCF_203_121_A	Reference	Annex A [3]	
Entry_Point/scr/bcall	<u>.</u>		
NOT PICS 7.1.1/2 AND	PICS 7.1.1/3 AND PICS	7.2.2/70	
Proxy-Require header so	upported in ACK		
When the IBCF receives an ACK request from the other network containing a Proxy-Require header, ensure that an ACK request is sent to the own network and the Proxy-Require header is present as received from the other network.			
ACK: Proxy-Require: p	rivacy		
Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT	lc ← INVITE → 180 Ringing → 200 OK INVITE ← ACK routine	
	Entry Point/scr/bcall NOT PICS 7.1.1/2 AND Proxy-Require header s When the IBCF receives Proxy-Require header, e Proxy-Require header is ACK: Proxy-Require: p Mx INVITE 180 Ringing 200 OK INVITE	Entry Point/scr/bcall NOT PICS 7.1.1/2 AND PICS 7.1.1/3 AND PICS Proxy-Require header supported in ACK When the IBCF receives an ACK request from the Proxy-Require header, ensure that an ACK reque Proxy-Require header is present as received from ACK: Proxy-Require: privacy Mx SUT INVITE ← 180 Ringing → 200 OK INVITE →	

TP number	IBCF_203_121_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	•		
Selection criteria	NOT PICS 7.1.1/2 AND	PICS 7.1.1/3 AND NOT PIC	CS 7.2.2/70	
Test Purpose name	Proxy-Require header r	not supported in ACK		
Test Purpose	When the IBCF receives an ACK request from the other network containing a Proxy-Require header, ensure that an ACK request is sent to the own network and the Proxy-Require header is not present.			
SIP Parameter values	ACK1: Proxy-Require: p ACK2:	privacy		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK2	SUT ← → Apply post test ro	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK1 putine	

TP number	IBCF_203_122_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	<u>.</u>	·	
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/70		
Test Purpose name	Proxy-Require heade	r supported in BYE		
Test Purpose	Proxy-Require heade	ves a BYE request from the c or, ensure that a BYE request or is present as received from	is sent to the own network and the	
SIP Parameter values	BYE: Proxy-Require	e: privacy		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE	←	← BYE	
	Apply post test routine			

TP number	IBCF 203 122 B	Reference	Annex A [3]
TSS reference	Entry Point/scr/bcall	<u> </u>	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/70	
Test Purpose name	Proxy-Require header	not supported in BYE	
Test Purpose			her network containing a sent to the own network and the
SIP Parameter values	BYE1: Proxy-Require: BYE2:	sec-agree	
Comments			
Message flows	Mx	SUT	Ic
_		A session is already es	stablished
	BYE2	←	← BYE1
		Apply post test ro	outine

TP number	IBCF_203_123_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	70 AND PICS 7.2.2/105	
Test Purpose name	Proxy-Require header support	ed in REGISTER	
Test Purpose	When the IBCF receives a RE Proxy-Require header, ensure the Proxy-Require header is p	that a REGISTER request is s	sent to the own network and
SIP Parameter values	REGISTER: Proxy-Require:	orivacy	
Comments			
Message flows	Mx	SUT	lc
	REGISTER	· ←	REGISTER
		Apply post test routine	

TP number	IBCF_203_123_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/70 AND PICS	7.2.2/105
Test Purpose name	Proxy-Require header	not supported in REGISTI	ER request
Test Purpose		, ensure that a REGISTER r	m the other network containing a request is sent to the own network and
SIP Parameter values	REGISTER1: Proxy-R REGISTER2:	equire: privacy	
Comments			
Message flows	Mx	SUT	lc
	REGISTER	←	← REGISTER
	Apply post test routine		

TP number	IBCF_203_123A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/71				
Test Purpose name	RAck header supported i	in PRACK request				
Test Purpose	header, ensure that a PR	When the IBCF receives a PRACK request from the other network containing a RAck header, ensure that a PRACK request is sent to the own network and the RAck header is present as received from the other network.				
SIP Parameter values	INVITE: Supported: 100r 180: Require: 100rel PRACK: RAck: [any va					
Comments						
Message flows	Mx INVITE 180 Ringing PRACK	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing ← PRACK routine			

TP number	IBCF_203_123B_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/72	
Test Purpose name	Reason header supporte	ed in 486 response	
Test Purpose	Reason header, ensure t		e from the own network containing a onse is sent to the other network and the n network.
SIP Parameter values	486: Reason: Q.850;ca	ause=17	
Comments			
Message flows	Mx INVITE 486 Busy Here ACK	SUT ← → ←	Ic ← INVITE → 486 Busy Here ← ACK

TP number	IBCF_203_123B_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·	·	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/72		
Test Purpose name	Reason header not su	upported in 486 response		
Test Purpose	When the IBCF receives a 486 Busy Here response from the own network containing a Reason header, ensure that a 486 Busy Here response is sent to the other network and the Reason header is not present.			
SIP Parameter values	486 1: Reason: Q.850 486 2:	;cause=17		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	486 Busy Here1	→	→ 486 Busy Here2	
	ACK	←	← ACK	

TP number	IBCF_203	3_123C_A	Reference		Annex A [3]
TSS reference	Entry_Poi	nt/scr/bcall			
Selection criteria	PICS 7.1.	1/3 AND PICS 7.2.2	2/74		
Test Purpose name	Recv-Info	header supported i	n INVITE request		
Test Purpose	Info head		IVITE request is s	ent to the ow	etwork containing a Recv- n network and the Recv-Info
SIP Parameter values	INVITE:	Recv-Info: P, R			
Comments					
Message flows		Mx	SUT		lc
	INVITE	•	Apply post tes	← st routine	INVITE

TP number	IBCF_203_123C_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/74	
Test Purpose name	Recv-Info header not support	ed in INVITE request	
Test Purpose	When the IBCF receives an IN Info header, ensure that an IN header is not present.		
SIP Parameter values	INVITE1: Recv-Info: P, R INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE2	← Apply post test routine	INVITE1

TP number	IBCF_203_123D_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	·
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/74	
Test Purpose name	Recv-Info header suppo	rted in 180 response	
Test Purpose	Recv-Info header, ensur		om the own network containing a nse is sent to the other network and ne own network.
SIP Parameter values	180: Recv-Info: P, R		
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	180 Ringing	→	→ 180 Ringing
		Apply post test re	outine

TP number	IBCF_203_123D_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/74	
Test Purpose name	Recv-Info header not s	supported in 180 respons	е
Test Purpose		ure that a 180 Ringing resp	e from the own network containing a ponse is sent to the other network and
SIP Parameter values	180: Recv-Info: P, R	·	
Comments			
Message flows	Mx INVITE 180 Ringing	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing t routine

TP number	IBCF_203_123E_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/74			
Test Purpose name	Recv-Info header supp	ported in 200 OK respons	e		
Test Purpose	When the IBCF receives an 200 OK INVITE response from the own network containing a Recv-Info header, ensure that an 200 OK INVITE response is sent to the other network and the Recv-Info header is present as received from the own network.				
SIP Parameter values	200 OK: Recv-Info: I				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK st routine		

TP number	IBCF_203_123E_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/74				
Test Purpose name	Recv-Info header not	supported in 200 OK respo	nse			
Test Purpose	Recv-Info header, ens	When the IBCF receives an 200 OK INVITE response from the own network containing a Recv-Info header, ensure that an 200 OK INVITE response is sent to the other network and the Recv-Info header is not present.				
SIP Parameter values	200 OK1: Recv-Info: F 200 OK2:	P, R				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT ← → → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 ← ACK routine			

TP number	IBCF 203	123F A	Reference		Annex A [3]	
TSS reference	Entry_Point	t/scr/bcall				
Selection criteria	PICS 7.1.1/	/3 AND PICS 7.2.	2/75			
Test Purpose name	Referred-B	y header supporte	ed in INVITE			
Test Purpose	Referred-B	When the IBCF receives an INVITE request from the other network containing a Referred-By header, ensure that an INVITE request is sent to the own network and the Referred-By header is present as received from the other network.				
SIP Parameter values	INVITE: F	INVITE: Referred-By: [any URI]				
Comments						
Message flows		Mx SUT Ic				
	INVITE	INVITE ← INVITE				
		Apply post test routine				

TP number	IBCF_203_123F_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/75			
Test Purpose name	Referred-By header not support	orted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Referred-By header, ensure that an INVITE request is sent to the own network and the Referred-By header is not present.				
SIP Parameter values	INVITE1: Referred-By: [any URI] INVITE2:				
Comments					
Message flows	Mx	SUT	Ic		
	INVITE2 ←	+	INVITE1		
	Apply post test routine				

TP number	IBCF_203_123G_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/75 AND PICS 7.2.	2/109		
Test Purpose name	Referred-By header so	upported in REFER			
Test Purpose	When the IBCF receives an REFER request from the other network containing a Referred-By header, ensure that an REFER request is sent to the own network and the Referred-By header is present as received from the other network.				
SIP Parameter values	REFER: Referred-By: [any URI]				
Comments					
Message flows	Mx SUT Ic				
	REFER ← REFER				
	Apply post test routine				

TP number	IBCF_203_123G_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/75 AND PICS 7.2.2/109				
Test Purpose name	Referred-By header not supp	orted in REFER				
Test Purpose	Referred-By header, ensure the	When the IBCF receives an REFER request from the other network containing a Referred-By header, ensure that an REFER request is sent to the own network and the Referred-By header is not present.				
SIP Parameter values	REFER1: Referred-By: [any LREFER2:	JRI]				
Comments						
Message flows	Mx REFER ←	SUT Apply post test routine	lc REFER			

TP number	IBCF_203_123H_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	.2/76 AND PICS 7.2.2/109		
Test Purpose name	Refer-Sub header supported	d in REFER		
Test Purpose	When the IBCF receives an REFER request from the other network containing a Refer- Sub header, ensure that an REFER request is sent to the own network and the Refer-Sub header is present as received from the other network.			
SIP Parameter values	REFER: Refer-Sub: false			
Comments				
Message flows	Mx	SUT	lc	
	REFER	← ← ← Apply post test routine	REFER	

TP number	IBCF_203_123H_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	76 AND PICS 7.2.2/109			
Test Purpose name	Refer-Sub header supported in	REFER			
Test Purpose	When the IBCF receives an RE Sub header, ensure that an RE header is not present.				
SIP Parameter values	REFER1: Refer-Sub: false REFER2:				
Comments					
Message flows	Mx	SUT	lc		
	REFER ←	←	REFER		
	Apply post test routine				

TP number	IBCF_203_123I_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	76 AND PICS 7.2.2/109				
Test Purpose name	Refer-Sub header supported in	n 202 response				
Test Purpose	Refer-Sub header, ensure that	When the IBCF receives a 202 Accepted response from the own network containing a Refer-Sub header, ensure that an 202 Accepted response is sent to the other network and the Refer-Sub header is present as received from the own network.				
SIP Parameter values	202: Refer-Sub: false					
Comments						
Message flows	Mx SUT Ic					
	REFER ←	· ←	REFER			
	202 Accepted →	· -	202 Accepted			

TP number	IBCF_203_123I_B	Refer	ence		Annex A [3]	
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/7	6 AND PICS 7	.2.2/109		
Test Purpose name	Refer-Sub header not	supported in 2	202 response			
Test Purpose	Refer-Sub header, en	When the IBCF receives a 202 Accepted response from the own network containing a Refer-Sub header, ensure that an 202 Accepted response is sent to the other network and the Refer-Sub header is not present.				
SIP Parameter values	202 1: Refer-Sub: fals 202 2:	202 1: Refer-Sub: false				
Comments						
Message flows	Mx		SUT		Ic	
_	REFER	←		←	REFER	
	202 Accepted1	→		→	202 Accepted2	

TP number	IBCF_203_123J	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7	.2.2/77 AND PICS 7.2.2/1	09		
Test Purpose name	Refer-To header supporte	d in REFER			
Test Purpose	When the IBCF receives an REFER request from the other network containing a Refer-To header, ensure that an REFER request is sent to the own network and the Refer-To header is present as received from the other network.				
SIP Parameter values	REFER: Refer-To: <sip:[any to-tag%3d[any="" uri]?replaces="[any" value]="" value]%3b="" value]%3bfrom-tag%3d[any=""></sip:[any>				
Comments					
Message flows	Mx	SUT	lc		
-	REFER	←	← REFER		
		Apply post test ro	utine		

TP number	IBCF_203_124_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	18			
Test Purpose name	Reject-Contact header suppor				
Test Purpose		When the IBCF receives an INVITE request from the other network containing a			
	Reject-Contact header, ensure				
	Reject-Contact header is pres	ent as received from the other	network.		
SIP Parameter values	INVITE: Reject-Contact: *;ac	tor="msg-taker";video			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE +	←	INVITE		
	Apply post test routine				

TP number	IBCF_203_124_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/18	
Test Purpose name	Reject-Contact header	not supported in INVITE	
Test Purpose		, ensure that an INVITE red	the other network containing a quest is sent to the own network and the
SIP Parameter values	INVITE1: Reject-Cont INVITE2:	act: *;actor="msg-taker";vio	deo
Comments			
Message flows	Mx	SUT	lc
	INVITE2	← Apply post test	← INVITE1 routine

IBCF_203_125_A	Reference	Annex A [3]			
Entry_Point/scr/bcall					
NOT PICS 7.1.1/2 AND I	PICS 7.1.1/3 AND PICS	7.2.2/18			
Reject-Contact header so	upported in ACK				
Reject-Contact header, e	When the IBCF receives an ACK request from the other network containing a Reject-Contact header, ensure that an ACK request is sent to the own network and the Reject-Contact header is present as received from the other network.				
ACK: Reject-Contact: *;	actor="msg-taker";video				
Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK troutine			
	Entry_Point/scr/bcall NOT PICS 7.1.1/2 AND Reject-Contact header s When the IBCF receives Reject-Contact header, e Reject-Contact header is ACK: Reject-Contact: * Mx INVITE 180 Ringing 200 OK INVITE	Entry_Point/scr/bcall NOT PICS 7.1.1/2 AND PICS 7.1.1/3 AND PICS Reject-Contact header supported in ACK When the IBCF receives an ACK request from th Reject-Contact header, ensure that an ACK request from the Reject-Contact header is present as received fro ACK: Reject-Contact: *;actor="msg-taker";video" Mx SUT INVITE 180 Ringing 200 OK INVITE			

TP number	IBCF 203 125 B	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall	•	• •		
Selection criteria	NOT PICS 7.1.1/2 AN	D PICS 7.1.1/3 AND NOT	PICS 7.2.2/18		
Test Purpose name	Reject-Contact heade	r not supported in ACK			
Test Purpose	When the IBCF receives an ACK request from the other network containing a Reject-Contact header, ensure that an ACK request is sent to the own network and the Reject-Contact header is not present.				
SIP Parameter values	ACK1: Reject-Contact: *;actor="msg-taker";video ACK2:				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK2	SUT ← → → ← Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK1		
		Apply post test	TOULINE		

TP number	IBCF_203_126_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	18			
Test Purpose name	Reject-Contact header suppor	ted in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing a Reject-Contact header, ensure that a BYE request is sent to the own network and the Reject-Contact header is present as received from the other network.				
SIP Parameter values	BYE: Reject-Contact: *;actor=	="msg-taker";video			
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE ← BYE				
	Apply post test routine				

TP number	IBCF_203_126_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/18				
Test Purpose name	Reject-Contact header	r not supported in BYE				
Test Purpose	When the IBCF receives a BYE request from the other network containing a Reject-Contact header, ensure that a BYE request is sent to the own network and the Reject-Contact header is not present.					
SIP Parameter values	BYE1: Reject-Contact: *;actor="msg-taker";video BYE2:					
Comments						
Message flows	Mx	SUT	lc			
	A session is already established					
	BYE2	BYE2 ← BYE1				
	Apply post test routine					

TP number	IBCF_203_126A_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/7	78			
Test Purpose name	Relayed-Charge header suppo				
Test Purpose	When the IBCF receives an IN				
	Charge header, ensure that an	INVITE request is sent to the	own network and the		
	Relayed-Charge header is pres	sent as received from the other	r network.		
SIP Parameter values	INVITE: Relayed-Charge: tra	nsitfunction;transit-ioi=[any do	main name]		
Comments					
Message flows	Mx	SUT	lc		
	INVITE ← INVITE				
	Apply post test routine				

TP number	IBCF_203_126A_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	•
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/78	
Test Purpose name	Relayed-Charge head	er not supported in INVITE	
Test Purpose	When the IBCF receive Charge header, ensure Relayed-Charge header	e that an INVITE request is	the other network containing a Relayed- sent to the own network and the
SIP Parameter values	INVITE1: Relayed-Ch	large: transitfunction;transit-	ioi=[any domain name]
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	Apply post test routine		

TP number	IBCF_203	3_126B_A	Reference	Annex A [3]
TSS reference	Entry_Poi	int/scr/bcall		
Selection criteria	PICS 7.1.	1/3 AND PICS 7.2.2/	79	
Test Purpose name	Replaces	header supported in	INVITE	
Test Purpose	header, e	nsure that an INVITE		er network containing a Replaces network and the Replaces
SIP Parameter values	INVITE:	Replaces: [any URI]	;to-tag=[any value];from-tag=	ag=[any value]
Comments				
Message flows	INVITE	Mx	SUT	Ic ← INVITE
	Apply post test routine			

TP number	IBCF_203_126B_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/79		
Test Purpose name	Replaces header not support	ed in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Replaces header, ensure that an INVITE request is sent to the own network and the Replaces header is not present.			
SIP Parameter values	INVITE1: Replaces: [any URI] INVITE2:	;to-tag=[any value];from-tag=[any value]	
Comments				
Message flows	Mx	SUT	lc	
	INVITE ←	←	INVITE	
	Apply post test routine			

TP number	IBCF_203_12	6C_A	Reference	Annex A [3]		
TSS reference	Entry_Point/s	cr/bcall				
Selection criteria	PICS 7.1.1/3	AND PICS 7.2.2/8	30			
Test Purpose name	Reply-To hea	der supported in I	NVITE			
Test Purpose	header, ensur	When the IBCF receives an INVITE request from the other network containing a Reply-To header, ensure that an INVITE request is sent to the own network and the Reply-To header is present as received from the other network.				
SIP Parameter values	INVITE: Re	ply-To: [any URI]				
Comments						
Message flows	M	x	SUT	lc		
	INVITE ← INVITE Apply post test routine					

TP number	IBCF_203_126C_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/80	
Test Purpose name	Reply-To header not su	upported in INVITE	
Test Purpose			ne other network containing a Reply-To ne own network and the Reply-To
SIP Parameter values	INVITE1: Reply-To: [ai INVITE2:	ny URI]	
Comments			
Message flows	Mx	SUT	lc
-	INVITE2	← Apply post test r	← INVITE1 outine

TP number	IBCF_203_126D_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/81			
Test Purpose name	Retry-After header supported	in 500 response			
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the own network containing a Retry-After header, ensure that a 500 Server Internal Error response is sent to the other network and the Retry-After header is present as received from the own network.				
SIP Parameter values	500: Retry-After: 200;durati	on=100			
Comments					
Message flows	Mx INVITE 500 Server Internal Error ACK	SUT	Ic ← INVITE → 500 Server Internal Error ← ACK		

TP number	IBCF_203_126D_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/81			
Test Purpose name	Retry-After header not suppo	rted in 500 response			
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the own network containing a Retry-After header, ensure that a 500 Server Internal Error response is sent to the other network and the Retry-After header is not present.				
SIP Parameter values	500 1: Retry-After: 200;duration=100 500 2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	500 Server Internal Error1	→	→ 500 Server Internal Error2		
	ACK	←	← ACK		

TP number	IBCF_203_126E_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	2.2/82				
Test Purpose name	Restoration-Info header sup	oported in 408 response				
Test Purpose	a Restoration header, ensu	When the IBCF receives a 408 Request Timeout response from the own network containing a Restoration header, ensure that a 408 Request Timeout response is sent to the other network and the Restoration header is present as received from the own network.				
SIP Parameter values	408: Restoration-Info: IM	SI="ETSI-PCRF";norespo	onse			
Comments						
Message flows	Mx INVITE 408 Request Timeout ACK	SUT ← → ←	Ic ← INVITE → 408 Request Timeout ← ACK			

TP number	IBCF 203 126E B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall		· • • • • • • • • • • • • • • • • • • •		
Selection criteria	PICS 7.1.1/3 AND NOT PIC	S 7.2.2/82			
Test Purpose name	Restoration-Info header not	supported in 408 respo	nse		
Test Purpose	When the IBCF receives a 408 Request Timeout response from the own network containing a Restoration header, ensure that a 408 Request Timeout response is sent to the other network and the Restoration header is not present.				
SIP Parameter values	408 1: Restoration-Info: IMSI="ETSI-PCRF";noresponse				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	408 Request Timeout1	→	→ 408 Request Timeout2		
	ACK	←	← ACK		

TP number	IBCF_203_126F_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall		•			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/84				
Test Purpose name	RSeq header supporte	ed in 180 response				
Test Purpose	RSeq header, ensure	When the IBCF receives a 180 Ringing response from the own network containing a RSeq header, ensure that a 180 Ringing response is sent to the other network and the RSeq header is present as received from the own network.				
SIP Parameter values	INVITE: Supported: 10 180: RSeq: [any value] Require: 100re	ue]				
Comments						
Message flows	Mx	SUT	Ic			
_	INVITE 180 Ringing	← →	← INVITE→ 180 Ringing			
	Apply post test routine					

TP number	IBCF_203_126F_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/84			
Test Purpose name	RSeq header not supported in	n 180 response			
Test Purpose	When the IBCF receives a 180				
	RSeq header, ensure that a 18	80 Ringing response is sent to	the other network and the		
	RSeq header is not present.				
SIP Parameter values	INVITE: Supported: 100rel				
	180 1: RSeq: [any value]				
	Require: 100rel				
	180 1:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	(INVITE		
	180 Ringing1 →	→	180 Ringing2		
	Apply post test routine				

TP number	IBCF_203_126G_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	84				
Test Purpose name	RSeq header supported in 183	response				
Test Purpose	When the IBCF receives a 183					
	containing a RSeq header, ens					
	other network and the RSeq he	eader is present as received from	om the own network.			
SIP Parameter values	INVITE: Supported: 100rel					
	183: RSeq: [any value]					
	Require: 100rel					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	INVITE			
	183 Session Progress →	→	183 Session Progress			
		Apply post test routine	, and the second			

TP number	IBCF_203_126G_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/84			
Test Purpose name	RSeq header not supported in	n 183 response			
Test Purpose	When the IBCF receives a 183	Session Progress response f	rom the own network		
	containing a RSeq header, ens	sure that a 183 Session Progre	ess response is sent to the		
	other network and the RSeq he	eader is not present.			
SIP Parameter values	INVITE: Supported: 100rel	INVITE: Supported: 100rel			
	183 1: RSeq: [any value]				
	Require: 100rel				
	183 1:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	+	INVITE		
	183 Session Progress1 →	→	183 Session Progress2		
	Apply post test routine				

TP number	IBCF_203_127_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bca	all				
Selection criteria	PICS 7.1.1/3 AND	PICS 7.2.2/18				
Test Purpose name	Request-Dispositio	on header supported in INVITE				
Test Purpose	Request-Dispositio	When the IBCF receives an INVITE request from the other network containing a Request-Disposition header, ensure that an INVITE request is sent to the own network and the Request-Disposition header is present as received from the other network.				
SIP Parameter values	INVITE: Request-Disposition: no-fork					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	Apply post test routine					

TP number	IBCF_203_127_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/18				
Test Purpose name	Request-Disposition h	neader not supported in INV	'ITE			
Test Purpose	Request-Disposition h	When the IBCF receives an INVITE request from the other network containing a Request-Disposition header, ensure that an INVITE request is sent to the own network and the Request-Disposition header is not present.				
SIP Parameter values	INVITE1: Request-Disposition: no-fork INVITE2:					
Comments						
Message flows	Mx	SUT	lc			
	INVITE2	←	← INVITE1			
	Apply post test routine					

	Reference	Annex A [3]		
Entry Point/scr/bcall				
NOT PICS 7.1.1/2 AND	PICS 7.1.1/3 AND PICS	7.2.2/18		
Request-Disposition hea	ader supported in ACK			
When the IBCF receives an ACK request from the other network containing a Request-Disposition header, ensure that an ACK request is sent to the own network and the Request-Disposition header is present as received from the other network.				
ACK: Request-Disposi	tion: no-fork			
Mx INVITE 180 Ringing 200 OK INVITE ACK	SUT ← → Apply post test	lc ← INVITE → 180 Ringing → 200 OK INVITE ← ACK routine		
	NOT PICS 7.1.1/2 AND Request-Disposition he When the IBCF receive Request-Disposition he the Request-Disposition ACK: Request-Disposi Mx INVITE 180 Ringing 200 OK INVITE	NOT PICS 7.1.1/2 AND PICS 7.1.1/3 AND PICS Request-Disposition header supported in ACK When the IBCF receives an ACK request from th Request-Disposition header, ensure that an ACK the Request-Disposition header is present as rec ACK: Request-Disposition: no-fork Mx SUT INVITE 180 Ringing 200 OK INVITE ACK		

TP number	IBCF_203_128_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall				
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND NOT PICS 7.2.2/	18			
Test Purpose name	Request-Disposition header r	ot supported in ACK				
Test Purpose	When the IBCF receives an ACK request from the other network containing a Request-Disposition header, ensure that an ACK request is sent to the own network and the Request-Disposition header is not present.					
SIP Parameter values	ACK1: Request-Disposition: no-fork ACK2:					
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK2	→ →	Ic INVITE 180 Ringing 200 OK INVITE ACK1			

TP number	IBCF_203_129_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/18			
Test Purpose name	Request-Disposition I	neader supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing a Request-Disposition header, ensure that a BYE request is sent to the own network and the Request-Disposition header is present as received from the other network.				
SIP Parameter values	BYE: Request-Dispo	osition: no-fork			
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE	←	★ BYE		
	Apply post test routine				

TP number	IBCF_203_129_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/18			
Test Purpose name	Request-Disposition hea	ader not supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing a Request-Disposition header, ensure that a BYE request is sent to the own network and the Request-Disposition header is not present.				
SIP Parameter values	BYE1: Request-Disposition: no-fork BYE2:				
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE2 ← BYE1				
	Apply post test routine				

TP number	IBCF_203_130_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcal	I			
Selection criteria	PICS 7.1.1/3 AND P	PICS 7.2.2/23			
Test Purpose name	Require header sup	ported in INVITE			
Test Purpose	header, ensure that		the other network containing a Require the own network and the Require work.		
SIP Parameter values	INVITE: Require:	100rel			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	Apply post test routine				

TP number	IBCF_203_130_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/23	
Test Purpose name	Require header not supported	in INVITE	
Test Purpose	When the IBCF receives an IN header, ensure that an INVITE header is not present.		
SIP Parameter values	INVITE1: Require: 100rel INVITE2:		
Comments			
Message flows	Mx	SUT	lc
	INVITE2 ←	← Apply post test routine	INVITE1

TP number	IBCF_203_131_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PICS 7	7.2.2/23			
Test Purpose name	Require header supported	d in 180			
Test Purpose		nat a 180 Ringing respon	rom the own network containing a se is sent to the other network and the n network.		
SIP Parameter values	180: Require: 100rel				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
	Apply post test routine				

TP number	IBCF_203_131_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·	·	
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/23		
Test Purpose name	Require header suppo	orted in 180		
Test Purpose		re that a 180 Ringing respo	from the own network containing a nse is sent to the other network and the	
SIP Parameter values	180 1: Require: 100re 180 2:	ĺ		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	180 Ringing1	→	→ 180 Ringing2	
	Apply post test routine			

TP number	IBCF 203 132 A	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PICS	\$ 7.2.2/23			
Test Purpose name	Require header suppor	ted in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Require header, ensure that a 200 OK INVITE response is sent to the other network and the Require header is present as received from the own network.				
SIP Parameter values	200 OK INVITE: Requ	ire: timer			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE outine		

TP number	IBCF_203_132_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/23				
Test Purpose name	Require header not su	upported in 200 OK INVIT	E			
Test Purpose	Require header, ensur	When the IBCF receives a 200 OK INVITE response from the own network containing a Require header, ensure that a 200 OK INVITE response is sent to the other network and the Require header is not present.				
SIP Parameter values	•	200 OK INVITE1: Require: timer				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE2			

TP number	IBCF_203_134_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/23			
Test Purpose name	Require header suppo				
Test Purpose	header, ensure that ar		ne other network containing a Require e own network and the Require ork.		
SIP Parameter values	BYE: Require: timer				
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
	BYE	←	★ BYE		
		Apply post test re	outine		

TP number	IBCF_203_134_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/23			
Test Purpose name	Require header not supporte	d in BYE			
Test Purpose	When the IBCF receives an IN	IVITE request from the other ne	etwork containing a Require		
	header, ensure that an INVITE	request is sent to the own net	work and the Require		
	header is not present.				
SIP Parameter values	BYE1: Require: timer				
	BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE2	- ←	BYE1		
		Apply post test routine			

TP number	IBCF_203_135_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.1.1/23			
Test Purpose name	Require header suppo	orted in 200 OK BYE			
Test Purpose	Require header, ensur		from the own network containing a nse is sent to the other network and the vn network.		
SIP Parameter values	200 OK BYE: Require	e: timer			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	←	← BYE		
	200 OK BYE	→	→ 200 OK BYE		

TP number	IBCF_203_135	_B	Reference		Annex A [3]	
TSS reference	Entry_Point/scr/	bcall				
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS 7	7.1.1/23			
Test Purpose name			I in 200 OK BYE			
Test Purpose		, ensure that a			own network containing a to the other network and the	
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	Require: time	er			
Comments						
Message flows	Mx		SUT		lc	
		A session is already established				
	BYE2	←		←	BYE1	
	200 OK BYE1	→		→	200 OK BYE2	

TP number	IBCF_203_136	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•	·		
Selection criteria	PICS 7.1.1/3				
Test Purpose name	Security-Client heade	er not supported in REGIS	ER		
Test Purpose	a Security-Client head		from the other (visited) network containing ER request is sent to the own (home) esent.		
SIP Parameter values	REGISTER 1: Securit REGISTER 2:	ty-Client: tls			
Comments					
Message flows	Mx	SUT	lc		
	REGISTER	←	← REGISTER		
		Apply post test routine			

TP number	IBCF_203_137	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3					
Test Purpose name	Security-Server header not su	pported in 200 OK REGISTE	R			
Test Purpose	containing a Security-Server h	When the IBCF receives a 200 OK REGISTER response from the own (home) network containing a Security-Server header, ensure that a 200 OK REGISTER response is sent to the other (visited) network and the Security-Server header is not present.				
SIP Parameter values	200 OK 1: Security-Server: tls 200 OK 2:	200 OK 1: Security-Server: tls;q=0.2				
Comments						
Message flows	Mx	SUT	lc			
	REGISTER	·	REGISTER			
	200 OK REGISTER	→	200 OK REGISTER			

TP number	IBCF 203 138	Reference	Anı	nex A [3]	
TSS reference	Entry Point/scr/bcall	•	•	• •	
Selection criteria	PICS 7.1.1/3				
Test Purpose name	Security-Verify heade	r not supported in INVITE			
Test Purpose	When the IBCF receive	es an INVITE request from	the own (visited	d) network containing a	
	Security-Verify heade	r, ensure that an INVITE re	quest is sent to	the other (home) network	
	and the Security-Verit	fy header is not present.			
SIP Parameter values	INVITE1: Security-Ve	erify: tls;q=0.2			
	INVITE2:				
Comments					
Message flows	Mx	SUT		Ic	
	INVITE	←	← INV	/ITE	
	180 Ringing	→	→ 180) Ringing	
	200 OK INVITE	→	→ 200	OK INVITE	
	ACK	←	← AC	K	
	A session is already established				
	BYE	←	← BY	E	
	200 OK BYE	→	→ 200	OK BYE	
		Apply post test	routine		

TP number	IBCF_203_138A_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	·	·	
Selection criteria	PICS7.1.1/3 AND PICS	5 7.2.2/85		
Test Purpose name	Server header supporte	ed in 180 response		
Test Purpose	Server header, ensure		from the own network containing a se is sent to the other network and the network.	
SIP Parameter values	180: Server: Microso	ft Word 2015		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	180 Ringing	→	→ 180 Ringing	
	Apply post test routine			

TP number	IBCF_203_138A_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS7.1.1/3 AND NOT P	ICS 7.2.2/85				
Test Purpose name	Server header not support	orted in 180 response				
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Server header, ensure that a 180 Ringing response is sent to the other network and the Server header is not present.					
SIP Parameter values	180 1: Server: Microsoft Word 2015 180 2:					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing1 → 180 Ringing2					
	Apply post test routine					

TP number	IBCF_203_138B_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/8	35	
Test Purpose name	Server header supported in 20	0 OK response	
Test Purpose	When the IBCF receives an 20		
	Server header, ensure that an		
	the Server header is present as	s received from the own netwo	ork.
SIP Parameter values	200 OK: Server: Microsoft W	ord 2015	
Comments			
Message flows	Mx	SUT	lc
	INVITE ←	(INVITE
	180 Ringing →	→	180 Ringing
	200 OK INVITE →	→	200 OK INVITE
	ACK ←	←	ACK
		Apply post test routine	

TP number	IBCF 203 138B B	Reference	Annex A [3]			
TSS reference	Entry Point/scr/bcall	•	•			
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/85				
Test Purpose name	Server header not sup	ported in 200 OK respons	e			
Test Purpose	Server header, ensure	When the IBCF receives an 200 OK INVITE response from the own network containing a Server header, ensure that an 200 OK INVITE response is sent to the other network and the Server header is not present.				
SIP Parameter values	200 OK 1: Server: Micr 200 OK 2:	rosoft Word 2015				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 ← ACK routine			

TP number	IBCF_203_138C_A	Reference		Annex A [3]		
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7.2	2/85 AND PICS 7.2.2/10	5			
Test Purpose name	Service-Route header supp	orted in 200 OK REGIST	ER res	ponse		
Test Purpose	containing a Service-Route	When the IBCF receives a 200 OK REGISTER response from the own network containing a Service-Route header, ensure that a 200 OK REGISTER response is sent to the other network and the Service-Route header is present as received from the own network				
SIP Parameter values	200 OK: Service-Route: <sip:[any name]; r="" server=""></sip:[any>					
Comments						
Message flows	Mx	SUT		lc		
	REGISTER	←	←	REGISTER		
	200 OK	→	→	200 OK		

TP number	IBCF_203_138C_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND NOT PICS	7.2.2/85 AND PICS 7.2.2/105				
Test Purpose name	Service-Route header not sup	pported in 200 OK REGISTER	response			
Test Purpose	containing a Service-Route he	When the IBCF receives a 200 OK REGISTER response from the own network containing a Service-Route header, ensure that a 200 OK REGISTER response is sent to the other network and the Service-Route header is not present.				
SIP Parameter values	200 OK 1: Service-Route: sip:[any server name];Ir 200 OK 2:					
Comments						
Message flows	Mx	SUT	lc			
	REGISTER €	· ←	REGISTER			
	200 OK1	· -	200 OK2			

TP number	IBCF_20	3_138D_A	Reference		Annex A [3]	
TSS reference	Entry_Po	int/scr/bcall				
Selection criteria	PICS 7.1	.1/3 AND PIC	S 7.2.2/87			
Test Purpose name	Session-l	D header sup	ported in INVITE			
Test Purpose	Session-l	When the IBCF receives an INVITE request from the other network containing a Session-ID header, ensure that an INVITE request is sent to the own network and the Session-ID header is present as received from the other network.				
SIP Parameter values	INVITE:	INVITE: Session-ID: f81d4fae7dec11d0a76500a0c91e6bf6				
Comments						
Message flows		Mx	,	SUT	Ic	
	INVITE		←	←	INVITE	
	Apply post test routine					

TP number	IBCF_203_138D_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/87				
Test Purpose name	Session-ID header no	t supported in INVITE				
Test Purpose	Session-ID header, en	When the IBCF receives an INVITE request from the other network containing a Session-ID header, ensure that an INVITE request is sent to the own network and the Session-ID header is not present.				
SIP Parameter values	INVITE1: Session-ID: INVITE2:	INVITE1: Session-ID: f81d4fae7dec11d0a76500a0c91e6bf6				
Comments						
Message flows	Mx	SUT	lc			
	INVITE2 Apply post test routine					

TP number	IBCF_203_138E_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/87			
Test Purpose name	Session-ID header sup	ported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Session-ID header, ensure that a 180 Ringing response is sent to the other network and the Session-ID header is present as received from the own network.				
SIP Parameter values	180: Session-ID: f81	d4fae7dec11d0a76500a0d	c91e6bf6		
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
	Apply post test routine				

TP number	IBCF_203_138E_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/87	
Test Purpose name	Session-ID header not	supported in 180	
Test Purpose		sure that a 180 Ringing resp	rom the own network containing a conse is sent to the other network and
SIP Parameter values	180 1: Session-ID: f81c 180 2:	d4fae7dec11d0a76500a0c9	1e6bf6
Comments			
Message flows	Mx	SUT	lc
_	INVITE	←	← INVITE
	180 Ringing1	→	→ 180 Ringing2
		Apply post test r	outine

TP number	IBCF_203_138F_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	87	
Test Purpose name	Session-ID header supported i	in 200 OK INVITE	
Test Purpose	When the IBCF receives an 20	00 OK INVITE response from to	he own network containing a
	Session-ID header, ensure that		
	and the Session-ID header is p	present as received from the or	wn network.
SIP Parameter values	200 OK INVITE: Session-ID:	f81d4fae7dec11d0a76500a0c9	91e6bf6
Comments			
Message flows	Mx	SUT	lc
	INVITE ←	· ←	INVITE
	180 Ringing →	→	180 Ringing
	200 OK INVITE →	→	200 OK INVITE
	ACK ←	· ←	ACK
		Apply post test routine	

TP number	IBCF_203_138F_B	Reference		Annex A [3]	
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NO	TPICS 7.2.2/87			
Test Purpose name	Session-ID header no	t supported in 200 C	K INVITE		
Test Purpose	Session-ID header, en	When the IBCF receives an 200 OK INVITE response from the own network containing a Session-ID header, ensure that an 200 OK INVITE response is sent to the other network and the Session-ID header is not present.			
SIP Parameter values	200 OK INVITE1: Sess 200 OK INVITE2:	200 OK INVITE1: Session-ID: f81d4fae7dec11d0a76500a0c91e6bf6 200 OK INVITE2:			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	← → → ←	SUT	Ic INVITE 180 Ringing 200 OK INVITE2 ACK	

TP number	IBCF_203_138G_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/3	87		
Test Purpose name	Session-ID header supported i	n BYE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Session-ID header header, ensure that an INVITE request is sent to the own network and the Require header is present as received from the other network.			
SIP Parameter values	BYE: Session-ID: f81d4fae7d	ec11d0a76500a0c91e6bf6		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE ←	+	BYE	
	Apply post test routine			

TP number	IBCF_203_138G_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/87		
Test Purpose name	Session-ID header suppo	orted in BYE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Session-ID header, ensure that an INVITE request is sent to the own network and the Require header is not present as received from the other network.			
SIP Parameter values	BYE: Session-ID: f81d4	fae7dec11d0a76500a0c9	1e6bf6	
Comments				
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE	←	← BYE	
		Apply post test r	outine	

TP number	IBCF_203_139_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	16		
Test Purpose name	Session-Expires header suppo	rted in INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Session-Expires header, ensure that an INVITE request is sent to the own network and the Session-Expires header is present as received from the other network.			
SIP Parameter values	INVITE: Session-Expires: 36	00; refresher=uac		
Comments				
Message flows	Mx	SUT	lc	
	INVITE ←	←	INVITE	
		Apply post test routine		

TP number	IBCF_203_139_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/16	
Test Purpose name		er not supported in INVITE	
Test Purpose		er, ensure that an INVITE re	the other network containing a equest is sent to the own network and
SIP Parameter values	INVITE1: Session-Ex INVITE2:	pires: 3600; refresher=uac	
Comments			
Message flows	Mx INVITE2	SUT ←	lc ← INVITE1
	Apply post test routine		

TP number	IBCF_203_140_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	16		
Test Purpose name	Session-Expires header suppo	rted in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE request from the own network containing a Session-Expires header, ensure that a 200 OK INVITE request is sent to the other network and the Session-Expires header is present as received from the own network.			
SIP Parameter values	200 OK INVITE: Session-Exp	ires: [any value]		
Comments				
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE →	SUT ← → Apply post test routine	Ic INVITE 180 Ringing 200 OK INVITE	

TP number	IBCF_203_140_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND NOT	Γ PICS 7.2.2/16			
Test Purpose name	Session-Expires heade	er not supported in 200 O	K INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE request from the own network containing a Session-Expires header, ensure that a 200 OK INVITE request is sent to the other network and the Session-Expires header is not present.				
SIP Parameter values	200 OK INVITE1: Sess 200 OK INVITE2:	ion-Expires: [any value]			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
	200 OK INVITE1	→	→ 200 OK INVITE2		
		Apply post test	routine		

TP number	IBCF_203_140A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	/108				
Test Purpose name	SIP-ETag header supported in	n 200 OK PUBLISH response				
Test Purpose	a SIP-ETag header, ensure th	When the IBCF receives a 200 OK PUBLISH response from the own network containing a SIP-ETag header, ensure that a 200 OK PUBLISH response is sent to the other network and the SIP-ETag header is present as received from the own network.				
SIP Parameter values	200 OK: SIP-ETag: kwj449x					
Comments						
Message flows	Mx SUT Ic					
	PUBLISH	·	PUBLISH			
	200 OK -	→	200 OK			

TP number	IBCF_203_140B_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/89 AND PICS 7.2.2/2	08			
Test Purpose name	SIP-If-Match header sup	ported in PUBLISH reques	t			
Test Purpose	SIP-If-Match header, en	When the IBCF receives a PUBLISH request from the other network containing a SIP-If-Match header, ensure that a PUBLISH request is sent to the own network and the SIP-If-Match header is present as received from the other network.				
SIP Parameter values	PUBLISH: SIP-If-Match:	PUBLISH: SIP-If-Match: dx200xyz				
Comments						
Message flows	Mx	SUT	lc			
	PUBLISH	←	← PUBLISH			
	200 OK	→	→ 200 OK			

TP number	IBCF_203_140B_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/89 AND PICS 7.2.2/108			
Test Purpose name	SIP-If-Match header not supp	orted in PUBLISH request			
Test Purpose	When the IBCF receives a PUBLISH request from the other network containing a SIP-If-Match header, ensure that a PUBLISH request is sent to the own network and the SIP-If-Match header is not present.				
SIP Parameter values	PUBLISH1: SIP-If-Match: dx200xyz PUBLISH2:				
Comments					
Message flows	Mx SUT Ic				
	PUBLISH2 ←	←	PUBLISH1		
	200 OK →	→	200 OK		

TP number	IBCF_203_140C_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	90				
Test Purpose name	Subject header supported in II	IVITE request				
Test Purpose	header, ensure that an INVITE	When the IBCF receives an INVITE request from the other network containing a Subject header, ensure that an INVITE request is sent to the own network and the Subject header is present as received from the other network.				
SIP Parameter values	INVITE: Subject: ETSI - World Class Standards					
Comments						
Message flows	Mx	SUT	lc			
	INVITE •	Apply post test routine	INVITE			

TP number	IBCF_203_140C_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/90				
Test Purpose name	Subject header not supported	in INVITE request				
Test Purpose		When the IBCF receives an INVITE request from the other network containing a Subject header, ensure that an INVITE request is sent to the own network and the Subject header is not present				
SIP Parameter values	INVITE1: Subject: ETSI - Wollinvite2:	INVITE1: Subject: ETSI - World Class Standards INVITE2:				
Comments						
Message flows	Mx	SUT	lc			
	INVITE2 ←	+	INVITE1			
	Apply post test routine					

TP number	IBCF_203_140D_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/91 AND PICS 7.2.2/	106			
Test Purpose name	Subscription-State he	eader supported in NOTIFY re	equest			
Test Purpose	Subscription-State he	When the IBCF receives a NOTIFY request from the other network containing a Subscription-State header, ensure that a NOTIFY request is sent to the own network and the Subscription-State header is present as received from the other network.				
SIP Parameter values	Expires	SUBSRIBE: Event:call-completion Expires=0 NOTIFY: Subscription-State: terminated; reason=timeout				
Comments						
Message flows	Mx SUBSCRIBE 202 Accepted	SUT → ←	lc → SUBSCRIBE ← 202 Accepted			
	NOTIFY 200 OK NOTIFY	← →	NOTIFY→ 200 OK NOTIFY			

TP number	IBCF 203 140D B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	•	
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/91 AND PICS 7.2.2/106	
Test Purpose name	Subscription-State header no	t supported in NOTIFY reques	st
Test Purpose		OTIFY request from the other n	
		nsure that a NOTIFY request is	sent to the own network and
	the Subscription-State heade		
SIP Parameter values	SUBSRIBE: Event:call-com	pletion	
	Expires=0		
	NOTIFY1: Subscription-State	: terminated; reason=timeout	
	NOTIFY2:		
Comments			
Message flows	Mx	SUT	lc
	SUBSCRIBE -	→	SUBSCRIBE
	202 Accepted	÷	202 Accepted
	NOTIFY2	÷	NOTIFY1
	200 OK NOTIFY	→	200 OK NOTIFY

TP number	IBCF_203_140E_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/9	91 AND PICS 7.2.2/106				
Test Purpose name	Suppress-If-Match header supp					
Test Purpose	Suppress-If-Match header, ens	When the IBCF receives a SUBSCRIBErequest from the other network containing a Suppress-If-Match header, ensure that a SUBSCRIBErequest is sent to the own network and the Suppress-If-Match header is present as received from the other network.				
SIP Parameter values	SUBSRIBE: Suppress-If-Match: dx200xyz					
Comments						
Message flows	Mx	SUT	lc			
	SUBSCRIBE ←	←	SUBSCRIBE			
	204 No Notification →	→	204 No Notification			

TP number	IBCF_203_140E_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	·
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/91 AND PICS 7.2.	2/106
Test Purpose name	Suppress-If-Match head	der supported in SUBSCF	RIBE request
Test Purpose	When the IBCF receive	es a SUBSCRIBErequest	from the other network containing a
	Suppress-If-Match head	der, ensure that a SUBSC	RIBErequest is sent to the own network
	and the Suppress-If-Ma	atch header is not present	•
SIP Parameter values	SUBSRIBE: Suppress	s-If-Match: dx200xyz	
Comments			
Message flows	Mx	SUT	lc
	SUBSCRIBE2	←	← SUBSCRIBE1
	204 No Notification	→	→ 204 No Notification

TP number	IBCF_203	3_141_A	Refe	rence		Annex A [3]
TSS reference	Entry_Poi	int/scr/bcall					
Selection criteria	PICS 7.1.	1/3 AND PIC	S 7.2.2/93				
Test Purpose name	Supported	d header sup	ported in INVI	TE			
Test Purpose	Supported	When the IBCF receives an INVITE request from the other network containing a Supported header, ensure that an INVITE request is sent to the own network and the Supported header is present as received from the other network.					
SIP Parameter values	INVITE:	Supported:	100rel				
Comments							
Message flows		Mx		SUT			Ic
-	INVITE	INVITE ← ← INVITE Apply post test routine					

TP number	IBCF_203_141_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/93			
Test Purpose name	Supported header not support	ted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Supported header, ensure that an INVITE request is sent to the own network and the Supported header is not present.				
SIP Parameter values	INVITE1: Supported: 100rel INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	← Apply post test routine	INVITE1		

TP number	IBCF_203_142_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/93				
Test Purpose name	Supported header sup	ported in 200 OK INVITE				
Test Purpose	Supported header, ens	When the IBCF receives a 200 OK INVITE response from the own network containing a Supported header, ensure that a 200 OK INVITE response is sent to the other network and the Supported header is present as received from the own network.				
SIP Parameter values	200 OK INVITE: Supp	oorted: timer				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test i	Ic ← INVITE → 180 Ringing → 200 OK INVITE			

TP number	IBCF_203_142_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NOT	Γ PICS 7.2.2/93				
Test Purpose name	Supported header not	supported in 200 OK INVI	TE			
Test Purpose	Supported header, ens	When the IBCF receives a 200 OK INVITE response from the own network containing a Supported header, ensure that a 200 OK INVITE response is sent to the other network and the Supported header is not present.				
SIP Parameter values	200 OK INVITE1: Supp 200 OK INVITE2:	orted: timer				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT ← → Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE2			

TP number	IBCF 203 143 A	Reference	Annex A [3]			
TSS reference	Entry Point/scr/bcall		<u> </u>			
Selection criteria	PICS 7.1.1/3 AND P	ICS 7.2.2/94				
Test Purpose name	Target-Dialogheader	supported in INVITE request				
Test Purpose	Dialog header, ensu	When the IBCF receives an INVITE request from the other network containing a Target- Dialog header, ensure that an INVITE request is sent to the own network and the Target- Dialog header is present as received from the other network.				
SIP Parameter values		INVITE: Target-Dialog: [any CallID value]; remote-tag=[any value]; local-tag=[any value]				
Comments		-				
Message flows	Mx	SUT	lc			
	INVITE					

TP number	IBCF_203_143_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/94		
Test Purpose name	Target-Dialog header not sup	oorted in INVITE request		
Test Purpose	When the IBCF receives a INVITE request from the other network containing a Target- Dialog header, ensure that a INVITE request is sent to the own network and the Target- Dialog header is not present.			
SIP Parameter values	INVITE1: Target-Dialog: [any local-tag=[any value INVITE2:		/ value];	
Comments				
Message flows	Mx INVITE2 ←	SUT Apply post test routine	Ic INVITE1	

TP number	IBCF 203 145 A	Reference	Annex A [3]
TSS reference	Entry Point/scr/bcall	·	· · · · · · · · · · · · · · · · · · ·
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/95	
Test Purpose name	Timestamp header sup	ported in INVITE	
Test Purpose	Timestamp header, en		ne other network containing a is sent to the own network and the other network.
SIP Parameter values	INVITE: Timestamp:	[any value]	
Comments			
Message flows	Mx INVITE	SUT Apply post test re	Ic ← INVITE outine

TP number	IBCF_203_145_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall	·	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/95	
Test Purpose name	Timestamp header no	t supported in INVITE	
Test Purpose		sure that an INVITE reques	the other network containing a it is sent to the own network and the
SIP Parameter values	INVITE1: Timestamp: INVITE2:	[any value]	
Comments			
Message flows	Mx INVITE2	SUT Apply post test	lc ← INVITE1 routine

TP number	IBCF_203_146_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/95			
Test Purpose name	Timestamp header sup	ported in 180			
Test Purpose	Timestamp header, en		e from the own network containing a esponse is sent to the other network and om the own network.		
SIP Parameter values	180: Timestamp: [an	y value]			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
		Apply post test routine			

TP number	IBCF_203_146_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT P	ICS 7.2.2/95			
Test Purpose name	Timestamp header not su	upported in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a Timestamp header, ensure that a 180 Ringing response is sent to the other network and the Timestamp header is not present.				
SIP Parameter values	180 1: Timestamp: [any v 180 2:	alue]			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
		Apply post test routine			

TP number	IBCF_203_147_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall	•	<u> </u>	
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/95		
Test Purpose name	Timestamp header sup	ported in 200 OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Timestamp header, ensure that a 200 OK INVITE response is sent to the other network and the Timestamp header is present as received from the own network.			
SIP Parameter values	200 OK INVITE: Time	estamp: [any value]		
Comments				
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing → 200 OK INVITE outine	

TP number	IBCF_203_147_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	•				
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.2/95				
Test Purpose name	Timestamp header not	supported in 200 OK INVI	TE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a Timestamp header, ensure that a 200 OK INVITE response is sent to the other network and the Timestamp header is not present.					
SIP Parameter values	200 OK INVITE1: Time 200 OK INVITE2:	stamp: [any value]				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing → 180 Ringing					
200 OK ĬNVITE1 → 200 OK ĬNVITE2						
	Apply post test routine					

TP number	IBCF_203_148_A	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND PICS 7.2.2/95	
Test Purpose name	Timestamp header supported i	in ACK	
Test Purpose	When the IBCF receives an AC		
	header, ensure that an ACK re		ork and the Timestamp
	header is present as received	from the other network.	
SIP Parameter values	ACK: Timestamp: [any value]		
Comments			
Message flows	Mx	SUT	Ic
	INVITE ←	+	INVITE
	180 Ringing →	→	180 Ringing
	200 OK INVITE →	→	200 OK INVITE
	ACK ←	+	ACK
		Apply post test routine	

TP number	IBCF_203_148_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND NOT PICS 7.2.2/9	95			
Test Purpose name	Timestamp header not supp	orted in ACK				
Test Purpose		When the IBCF receives an ACK request from the other network containing a Timestamp header, ensure that an ACK request is sent to the own network and the Timestamp header is not present.				
SIP Parameter values	ACK1: Timestamp: [any value ACK2:	ACK1: Timestamp: [any value] ACK2:				
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK2	→ →	Ic INVITE 180 Ringing 200 OK INVITE ACK1			

TP number	IBCF_203_149_A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/95				
Test Purpose name	Timestamp header su	pported in BYE				
Test Purpose	Timestamp header, e	ves an INVITE request from the nsure that an INVITE request present as received from the	is sent to the own network and the			
SIP Parameter values	BYE: Timestamp: [a	ny value]				
Comments						
Message flows	Mx	SUT	Ic			
	A session is already established					
	BYE ← BYE					
		Apply post test routine				

TP number	IBCF_203_149_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND NC	T PICS 7.2.2/95				
Test Purpose name	Timestamp header no	ot supported in BYE				
Test Purpose	Timestamp header, er	When the IBCF receives an INVITE request from the other network containing a Timestamp header, ensure that an INVITE request is sent to the own network and the Timestamp header is not present.				
SIP Parameter values	BYE1: Timestamp: [ai BYE2:	BYE1: Timestamp: [any value]				
Comments						
Message flows	Mx	SUT	Ic			
_	A session is already established					
	BYE2 ← BYE1					
		Apply post test routine				

TP number	IBCF 203 150 A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·				
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.2/95				
Test Purpose name	Timestamp header su	upported in 200 OK BYE				
Test Purpose	Timestamp header, e		from the own network containing a ponse is sent to the other network and the own network.			
SIP Parameter values	200 OK BYE: Timest	amp: [any value]				
Comments						
Message flows	Mx	SUT	lc			
_	A session is already established					
	BYE	←	← BYE			
	200 OK BYE	200 OK BYE → 200 OK BYE				

TP number	IBCF_203_150	В	Reference		Annex A [3]	
TSS reference	Entry_Point/scr/	bcall			·	
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS 7	7.2.2/95			
Test Purpose name	Timestamp head	der not suppo i	rted in 200 OK BY	E		
Test Purpose	Timestamp head	When the IBCF receives a 200 OK BYE response from the own network containing a Timestamp header, ensure that a 200 OK BYE response is sent to the other network and the Timestamp header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: Timestamp: [any value]				
Comments						
Message flows	Mx		SUT		lc	
	A session is already established					
	BYE	←		←	BYE	
	200 OK BYE1	→		→	200 OK BYE2	

TP number	IBCF_203_151	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria				
Test Purpose name	To header supported in IN	VITE		
Test Purpose	When the IBCF receives a header, ensure that an IN\ present as received from the	/ITE request is sent to the	e other network containing a To e own network and the To header is	
SIP Parameter values	INVITE: To: <[any URI]>	•		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	-	← INVITE	
	Apply post test routine			

TP number	IBCF_203_152	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria			
Test Purpose name	To header supported in 180		
Test Purpose	When the IBCF receives a 180 header, ensure that a 180 Ring header is present as received f	ing response is sent to the oth	
SIP Parameter values	180: To: <[any URI]>; tag=[a	ny value]	
Comments			
Message flows	Mx	SUT	lc
	INVITE +	←	INVITE
	180 Ringing →	→	180 Ringing
		Apply post test routine	• •

TP number	IBCF 203 153	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•			
Selection criteria					
Test Purpose name	To header supported i	n 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a To header, ensure that a 200 OK INVITE response is sent to the other network and the To header is present as received from the own network.				
SIP Parameter values	200 OK INVITE: To: <	<[any URI]>; tag=[any value]			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → → Apply post test re	Ic ← INVITE → 180 Ringing → 200 OK INVITE		

TP number	IBCF_203_154	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	To header supported in ACK				
Test Purpose	When the IBCF receives an ACK request from the other network containing a To header, ensure that an ACK request is sent to the own network and the To header is present as received from the other network.				
SIP Parameter values	ACK: To: <[any URI]>; tag=[a	ny value]			
Comments					
Message flows	Mx INVITE ← 180 Ringing → 200 OK INVITE → ACK	→	Ic INVITE 180 Ringing 200 OK INVITE ACK		

TP number	IBCF_203_155	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria					
Test Purpose name	To header supported in BYE				
Test Purpose		E request from the other netwo sent to the own network and the rk.			
SIP Parameter values	BYE: To: <[any URI]>; tag=[a	any value]			
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE €	- ←	BYE		
		Apply post test routine			

TP number	IBCF_203_156	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria						
Test Purpose name	To header supported	in 200 OK BYE				
Test Purpose	header, ensure that a	When the IBCF receives a 200 OK BYE response from the own network containing a To header, ensure that a 200 OK BYE response is sent to the other network and the To header is present as received from the own network.				
SIP Parameter values	200 OK BYE: To: <[a	ny URI]>; tag=[any value]				
Comments						
Message flows	Mx	SUT	lc			
		A session is already established				
	BYE	←	← BYE			
	200 OK BYE	→	→ 200 OK BYE			

TP number	IBCF_20	3_157_A	Reference		Annex A [3]
TSS reference	Entry_Po	int/scr/bcall				
Selection criteria	PICS 7.1	.1/3 AND PICS 7.2.2	2/96			
Test Purpose name	Trigger-C	onsent header supp	orted in INVITE reque	est		
Test Purpose	Trigger-C	When the IBCF receives an INVITE request from the other network containing a Trigger-Consent header, ensure that an INVITE request is sent to the own network and the Trigger-Consent header is present as received from the other network.				
SIP Parameter values	INVITE:	Trigger-Consent:				
Comments						
Message flows		Mx	SUT			lc
	INVITE	•	(←	INVITE	
	Apply post test routine					

TP number	IBCF_203_157_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/96			
Test Purpose name	Trigger-Consent header not su	ipported in INVITE request			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a Trigger-Consent header, ensure that an INVITE request is sent to the own network and the Trigger-Consent header is not present.				
SIP Parameter values	INVITE1: Trigger-Consent: INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
-	INVITE2	← Apply post test routine	INVITE1		

TP number	IBCF_203_158_A	Reference		Annex A [3]	
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7	7.2.2/23 AND PICS 7.2.2/9)7		
Test Purpose name	Unsupported header supp	orted in 420 response			
Test Purpose	When the IBCF receives a 420 Bad Extension response from the own network containing an Unsupported header, ensure that a 420 Bad Extension response is sent to the other network and the Unsupported header is present as received from the own network.				
SIP Parameter values	INVITE: Require: etsi-int1 420: Unsupported: etsi-				
Comments					
Message flows	Mx	SUT		lc	
	INVITE	←	←	INVITE	
	420 Bad Extension	→	→	420 Bad Extension	
	ACK	←	←	ACK	

TP number	IBCF_203_158_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	23 AND NOT PICS 7.2.2/97				
Test Purpose name	Unsupported header not supp	orted in 420 response				
Test Purpose	When the IBCF receives a 420	Bad Extension response from	the own network containing			
	an Unsupported header, ensur	e that a 420 Bad Extension re	sponse is sent to the other			
	network and the Unsupported	header is not present.				
SIP Parameter values	INVITE: Require: etsi-int13					
	420 1: Unsupported: etsi-int13					
	420 2:					
Comments						
Message flows	Mx	SUT	lc			
_	INVITE +	←	INVITE			
	420 Bad Extension →	→	420 Bad Extension			
	ACK ←	+	ACK			

TP number	IBCF_203	_159_A	Reference		Annex A [3]
TSS reference	Entry_Poi	nt/scr/bcall			
Selection criteria	PICS 7.1.	1/3 AND PICS 7.2.2/	98		
Test Purpose name	User-Ager	nt header supported	n INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a User-Agent header, ensure that an INVITE request is sent to the own network and the User-Agent header is present as received from the other network.				
SIP Parameter values	INVITE: User-Agent: ETSI soft client v1				
Comments					
Message flows		Mx	SUT		lc
	INVITE ← INVITE				
	Apply post test routine				

TP number	IBCF_203_159_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/98			
Test Purpose name	User-Agent header not suppo	rted in INVITE			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a User-Agent header, ensure that an INVITE request is sent to the own network and the User-Agent header is not present.				
SIP Parameter values	INVITE1: User-Agent: ETSI soft client v1 INVITE2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2	← Apply post test routine	INVITE1		

TP number	IBCF_203_160_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2/	98			
Test Purpose name	User-Agent header supported	in 180			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a User-Agent header, ensure that a 180 Ringing response is sent to the other network and the User-Agent header is present as received from the own network.				
SIP Parameter values	180: User-Agent: ETSI soft of	180: User-Agent: ETSI soft client v1			
Comments					
Message flows	Mx SUT Ic				
	INVITE ←	(INVITE		
	180 Ringing →	→	180 Ringing		
	Apply post test routine				

TP number	IBCF_203_160_B	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bcall	·	·			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/98				
Test Purpose name	User-Agent header not					
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a User-Agent header, ensure that a 180 Ringing response is sent to the other network and the User-Agent header is not present.					
SIP Parameter values	180 1: User-Agent: ETSI soft client v1 180 2:					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing1 → 180 Ringing2					
	Apply post test routine					

TP number	IBCF 203 161 A	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall	•	<u> </u>		
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.2/98			
Test Purpose name	User-Agent header supp	oorted in 200 OK INVITE			
Test Purpose	User-Agent header, ens and the User-Agent hea	When the IBCF receives a 200 OK INVITE response from the own network containing a User-Agent header, ensure that a 200 OK INVITE response is sent to the other network and the User-Agent header is present as received from the own network.			
SIP Parameter values	200 OK INVITE: User-A	Agent: ETSI soft client v1			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test ro	Ic ← INVITE → 180 Ringing → 200 OK INVITE utine		

TP number	IBCF_203_161_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT I	PICS 7.2.2/98			
Test Purpose name		supported in 200 OK INV			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a User-Agent header, ensure that a 200 OK INVITE response is sent to the other network and the User-Agent header is not present.				
SIP Parameter values	200 OK INVITE1: User-A 200 OK INVITE2:	gent: ETSI soft client v1			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1	SUT Apply post test	Ic ← INVITE → 180 Ringing → 200 OK INVITE2		
		Apply post test	oddiic		

TP number	IBCF_203_162_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND PICS 7.2.2/98			
Test Purpose name	User-Agent header supported	in ACK			
Test Purpose	When the IBCF receives an AC				
	header, ensure that an ACK re		ork and the User-Agent		
	header is present as received	from the other network.			
SIP Parameter values	ACK: User-Agent: ETSI soft of	client v1			
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	(INVITE		
	180 Ringing →	→	180 Ringing		
	200 OK INVITE →	→	200 OK INVITE		
	ACK				
		Apply post test routine			

TP number	IBCF 203 162 B	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall				
Selection criteria	NOT PICS 7.1.1/2 AND PICS	7.1.1/3 AND NOT PICS 7.2.2/9	98		
Test Purpose name	User-Agent header not support	orted in ACK			
Test Purpose		CK request from the other netv			
	header, ensure that an ACK re header is not present.	header, ensure that an ACK request is sent to the own network and the User-Agent header is not present.			
SIP Parameter values	ACK1: User-Agent: ETSI soft ACK2:	ACK1: User-Agent: ETSI soft client v1 ACK2:			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	→ → →	IC INVITE 180 Ringing 200 OK INVITE		
	AUNZ	ACK2 ← ACK1 Apply post test routine			

TP number	IBCF_203_163_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/98			
Test Purpose name	User-Agent header sur	oported in BYE			
Test Purpose	header, ensure that a B	When the IBCF receives a BYE request from the other network containing a User-Agent header, ensure that a BYE request is sent to the own network and the User-Agent header is present as received from the other network.			
SIP Parameter values	BYE: User-Agent: ET	BYE: User-Agent: ETSI soft client v1			
Comments					
Message flows	Mx SUT Ic				
	A session is already established				
	BYE ← BYE				
	Apply post test routine				

TP number	IBCF_203_163_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·	·		
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/98			
Test Purpose name	User-Agent header not	supported in BYE			
Test Purpose	When the IBCF receives a BYE request from the other network containing a User-Agent header, ensure that a BYE request is sent to the own network and the User-Agent header is not present.				
SIP Parameter values	BYE1: User-Agent: ETSI soft client v1 BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE2 ← BYE1				
	Apply post test routine				

TP number	IBCF_203_164_A	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/98		
Test Purpose name	User-Agent header supported	l in 200 OK BYE		
Test Purpose	When the IBCF receives a 200 OK BYE response from the own network containing a User-Agent header, ensure that a 200 OK BYE response is sent to the other network and the User-Agent header is present as received from the own network.			
SIP Parameter values	200 OK BYE: User-Agent: E	SI soft client v1		
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE ◆	+	BYE	
	200 OK BYE -	→	200 OK BYE	

TP number	IBCF_203_164	В	Reference		Annex A [3]
TSS reference	Entry_Point/scr/	bcall bcall			
Selection criteria	PICS 7.1.1/2 AN	ND NOT PICS	7.2.2/98		
Test Purpose name	User-Agent hea	der not suppo	rted in 200 OK B	ſΕ	
Test Purpose	User-Agent hea	When the IBCF receives a 200 OK BYE response from the own network containing a User-Agent header, ensure that a 200 OK BYE response is sent to the other network and the User-Agent header is not present.			
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	User-Agent:	ETSI soft client v1		
Comments					
Message flows	Mx		SUT		lc
		A session is already established			
	BYE	←		←	BYE
	200 OK BYE1	→		→	200 OK BYE2

TP number	IBCF 203 165 A	Reference	Annex A [3]			
TSS reference	Entry_Point/scr/bc	all				
Selection criteria	PICS 7.1.1/3 AND	PICS 7.2.2/17				
Test Purpose name	User-to-User head	ler supported in INVITE request				
Test Purpose	User-to-User head	When the IBCF receives an INVITE request from the other network containing a User-to-User header, ensure that an INVITE request is sent to the own network and the User-to-User header is present as received from the other network.				
SIP Parameter values	INVITE: User-to	INVITE: User-to-User: 504554534920494E54;encoding=hex				
Comments			-			
Message flows	Mx SUT Ic					
	INVITE	←	← INVITE			
	Apply post test routine					

TP number	IBCF_203_165_B	Reference	Annex A [3]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7	7.2.2/17		
Test Purpose name	User-to-User header not supp	orted in INVITE request		
Test Purpose	When the IBCF receives an INVITE request from the other network containing a User-to-User header, ensure that an INVITE request is sent to the own network and the User-to-User header is not present.			
SIP Parameter values	INVITE1: User-to-User: 504554534920494E54;encoding=hex INVITE2:			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE2 ←	← Apply post test routine	INVITE1	

TP number	IBCF_203_166_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.2	2/17			
Test Purpose name	User-to-User header support	ed in 180 response			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a User-to-User header, ensure that a 180 Ringing response is sent to the other network and the User-to-User header is present as received from the own network.				
SIP Parameter values	180: User-to-User: 504554	534920494E54;encoding=hex			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	-	INVITE		
	180 Ringing	→	180 Ringing		
	Apply post test routine				

TP number	IBCF_203_166_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.2/17			
Test Purpose name		t supported in 180 respon			
Test Purpose	When the IBCF receives a 180 Ringing response from the own network containing a User-to-User header, ensure that a 180 Ringing response is sent to the other network and the User-to-User header is not present.				
SIP Parameter values	180 1: User-to-User: 504554534920494E54;encoding=hex 180 2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing1	→	→ 180 Ringing2		
	Apply post test routine				

TP number	IBCF 203 167 A	Reference	Annex A [3]		
TSS reference	Entry Point/scr/bcall	•			
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.2/17			
Test Purpose name	User-to-User header su	pported in 200 OK INVITE			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network containing a User-to-User header, ensure that a 200 OK INVITE response is sent to the other network and the User-to-User header is present as received from the own network.				
SIP Parameter values	200 OK INVITE: User-	to-User: 504554534920494E	E54;encoding=hex		
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	SUT ← → Apply post test ro	Ic ← INVITE → 180 Ringing → 200 OK INVITE		

TP number	IBCF_203_167_B	Reference	Annex A [3]
TSS reference	Entry_Point/scr/bcall		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/17	
Test Purpose name	User-to-User header not supp	oorted in 200 OK INVITE	
Test Purpose		OK INVITE response from the	
		hat a 200 OK INVITE response	e is sent to the other network
	and the User-to-User header i	s not present.	
SIP Parameter values	200 OK INVITE1: User-to-Use	r: 504554534920494E54;enco	ding=hex
	200 OK INVITE2:		
Comments			
Message flows	Mx	SUT	Ic
	INVITE •	· ←	INVITE
	180 Ringing	· -	180 Ringing
	200 OK INVITE1	· -	200 OK INVITE2
		Apply post test routine	

TP number	IBCF_203_168_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.2/17			
Test Purpose name	User-to-User header s	upported in BYE			
Test Purpose	header, ensure that a l		ther network containing a User-to-User vn network and the User-to-User rk.		
SIP Parameter values	BYE: User-to-User: 5	04554534920494E54;encod	ing=hex		
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE	←	← BYE		
	Apply post test routine				

TP number	IBCF_203_168_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/17			
Test Purpose name	User-to-User header not supp	orted in BYE			
Test Purpose	When the IBCF receives a BYI				
	header, ensure that a BYE req	uest is sent to the own networl	k and the User-to-User		
	header is not present.				
SIP Parameter values	BYE1: User-to-User: 50455453	34920494E54;encoding=hex			
	BYE2:				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE2 ←	(BYE1		
	Apply post test routine				

TP number	IBCF_203_169_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	·			
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.2/17			
Test Purpose name	User-to-User header s	supported in 200 OK BYE			
Test Purpose	User-to-User header,	When the IBCF receives a 200 OK BYE response from the own network containing a User-to-User header, ensure that a 200 OK BYE response is sent to the other network and the User-to-User header is present as received from the own network.			
SIP Parameter values	200 OK BYE: User-to-	200 OK BYE: User-to-User: 504554534920494E54;encoding=hex			
Comments					
Message flows	Mx	SUT	lc		
		A session is already established			
	BYE	←	← BYE		
	200 OK BYE	→	→ 200 OK BYE		

TP number	IBCF_203_169	В	Reference		Annex A [3]	
TSS reference	Entry_Point/scr/	bcall				
Selection criteria	PICS 7.1.1/3 AN	ND NOT PICS 7	7.2.2/17			
Test Purpose name	User-to-User he	ader not supp	orted in 200 OK B	ΥE		
Test Purpose	User-to-User he	When the IBCF receives a 200 OK BYE response from the own network containing a User-to-User header, ensure that a 200 OK BYE response is sent to the other network and the User-to-User header is not present.				
SIP Parameter values	200 OK BYE1: 200 OK BYE2:	200 OK BYE1: User-to-User: 504554534920494E54;encoding=hex 200 OK BYE2:				
Comments						
Message flows	Mx		SUT		lc	
		A session is already established				
	BYE	BYE ← BYE				
	200 OK BYE1	→		→	200 OK BYE2	

TP number	IBCF_203_170_A	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall	•	·		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.	2/99			
Test Purpose name	Warning header supported in	500 response			
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the own network containing a Warning header, ensure that an 500 Server Internal Error response is sent to the other network and the Warning header is present as received from the own network.				
SIP Parameter values	500: Warning: 370 undefin	ed "Insufficient bandwid	th"		
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	500 Server Internal Error	→	→ 500 Server Internal Error		
	ACK	←	← ACK		

TP number	IBCF_203_170_B	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.2/99			
Test Purpose name	Warning header not supporte	d in 500 response			
Test Purpose	When the IBCF receives a 500 Server Internal Error response from the own network containing a Warning header, ensure that an 500 Server Internal Error response is sent to the other network and the Warning header is not present.				
SIP Parameter values	500 1: Warning: 370 undefined "Insufficient bandwidth"				
Comments					
Message flows	Mx INVITE 500 Server Internal Error1 ACK	SUT ← → ←	Ic ← INVITE → 500 Server Internal Error2 ← ACK		

TP number	IBCF_203_171	Reference	Annex A [3]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/10)4			
Test Purpose name	WWW-Authenticate header sup	ported in 401 response			
Test Purpose	When the IBCF receives a 401 Unauthorized response from the own (home) network containing a WWW-Authenticate header, ensure that a 401 Unauthorized response is sent to the other (visited) network and the WWW-Authenticate header is present as received from the own network.				
SIP Parameter values	401: WWW-Authenticate: Dig algorithm=MD5,qop="au	est realm="[any domain name th"	e]", nonce="[any value]",		
Comments					
Message flows	Mx	SUT	lc		
	REGISTER	+ +	REGISTER		
	401 Unauthorized	→ →	401 Unauthorized		

TP number	IBCF_203_172_A	Refere	псе	Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7	7.2.2/100				
Test Purpose name	MESSAGE request supp	orted				
Test Purpose		When the IBCF receives a MESSAGE request from the other network, ensure that a MESSAGE request is sent to the own network as received from the other network.				
SIP Parameter values						
Comments						
Message flows	Mx		SUT	lc		
	MESSAGE	←		← MESSAGE		
	200 OK MESSAGE	→		→ 200 OK MESSAGE		

TP number	IBCF_203_172_B	Reference	Table 6.1 [2]			
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND NOT F	PICS 7.2.2/100				
Test Purpose name	MESSAGE request not s	supported				
Test Purpose		When the IBCF receives a MESSAGE request from the other network, ensure that a MESSAGE request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values			·			
Comments						
Message flows	Mx	SUT	lc			
_			← MESSAGE			
I			→ 4xx, 5xx, 6xx			

TP number	IBCF_203_173_A	Reference	Table 6.1 [2]		
TSS reference	Entry Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/1	01			
Test Purpose name	OPTIONS request supported				
Test Purpose	When the IBCF receives a OPTIONS request from the other network, ensure that a OPTIONS request is sent to the own network as received from the other network. Since the OPTIONS could be used as a heartbeat.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	OPTIONS CASE A	+ +	OPTIONS		
	200 OK OPTIONS	→ →	200 OK OPTIONS		
	CASE B	_			
		→	200 OK OPTIONS		

TP number	IBCF_203_173_B	Reference	Table 6.1 [2]			
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/101				
Test Purpose name	OPTIONS request not s	upported				
Test Purpose		When the IBCF receives a OPTIONS request from the other network, ensure that the OPTIONS request is rejected with a 4xx, 5xx or 6xx unsuccessful final response,				
SIP Parameter values			·			
Comments						
Message flows	Mx	SUT	lc			
_			← OPTIONS			
			→ 4xx, 5xx, 6xx			

TP number	IBCF_203_174_A	Reference	Table 6.1 [2]	
TSS reference	Entry_Point/scr/bcall			
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/1	02		
Test Purpose name	PRACK request supported			
Test Purpose	When the IBCF receives a PRACK request from the other network, ensure that a PRACK request is sent to the own network as received from the other network.			
SIP Parameter values	INVITE: Supported: 100rel 180: Require: 100rel Or Supported: 100rel			
Comments				
Message flows		SUT ← ← ← → ← ← ← → ←	Ic INVITE 180 Ringing PRACK 200 OK PRACK	

TP number	IBCF_203_174_B	Reference	Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND NOT PICS 7	7.2.2/102			
Test Purpose name	PRACK request not supported				
Test Purpose		When the IBCF receives an INVITE request from the other network containing a 100rel tag in the Supported header, ensure that a INVITE request is sent to the own network and the 100rel tag is not present.			
SIP Parameter values	INVITE1: Supported: 100rel INVITE2:				
Comments					
Message flows	Mx SUT Ic				
_	INVITE2	← ← Apply post test routine	INVITE1		

TP number	IBCF_203_175_A	Reference	е	Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7	'.2.2/103				
Test Purpose name	REGISTER request supp	orted				
Test Purpose		When the IBCF receives a REGISTER request from the other network, ensure that a REGISTER request is sent to the own network as received from the other network.				
SIP Parameter values	REGISTER: Authorizati	REGISTER: Authorization:				
Comments						
Message flows	Mx	Mx SUT Ic				
	REGISTER	←	←	REGISTER		
	200 OK REGISTER	→	→	200 OK REGISTER		

TP number	IBCF_203_175_B	Reference	Table 6.1 [2]		
TSS reference	Entry Point/scr/bcall	·	·		
Selection criteria	PICS7.1.1/3 AND NOT I	PICS 7.2.2/103			
Test Purpose name	REGISTER request not	supported			
Test Purpose		When the IBCF receives a REGISTER request from the other network, ensure that the REGISTER request is rejected with a 4xx, 5xx or 6xx NOT 40 1unsuccessful final response.			
SIP Parameter values	REGISTER: Authoriza	tion:			
Comments					
Message flows	Mx	SUT	Ic		
_			← REGISTER		
	→ 4xx, 5xx, 6xx				

TP number	IBCF_203_176_A	Reference	Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall			
Selection criteria	PICS7.1.1/3 AND PICS 7.	2.2/104			
Test Purpose name	SUBSCRIBE and NOTIFY	request supported			
Test Purpose	When the IBCF receives a SUBSCRIBE request from the other network, ensure that a SUBSCRIBE request is sent to the own network as received from the other network. When the IBCF receives a NOTIFY request from the own network, ensure that a NOTIFY request is sent to the other network as received from the own network.				
SIP Parameter values					
Comments					
Message flows	Mx SUBSCRIBE 200 OK SUBSCRIBE NOTIFY 200 OK NOTIFY	SUT	lc ← SUBSCRIBE → 200 OK SUBSCRIBE → NOTIFY ← 200 OK NOTIFY		

TP number	IBCF_203_176_B	Reference		Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/104				
Test Purpose name	SUBSCRIBE request no	ot supported				
Test Purpose		When the IBCF receives a SUBSCRIBE request from the other network, ensure that a SUBSCRIBE request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values		-		·		
Comments						
Message flows	Mx	SUT		Ic		
			←	SUBSCRIBE		
			→	4xx, 5xx, 6xx		

TP number	IBCF_203_177_A	Reference	Table 6.1 [2]			
TSS reference	Entry Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/1	PICS7.1.1/3 AND PICS 7.2.2/105				
Test Purpose name	UPDATE request supported					
Test Purpose	When the IBCF receives a UPDATE request from the other network, ensure that a UPDATE request is sent to the own network as received from the other network.					
SIP Parameter values						
Comments						
Message flows	Mx	Mx SUT Ic				
	INVITE	← ←	INVITE			
	180 Ringing	→	180 Ringing			
	200 OK	→	200 OK			
	ACK	(ACK			
	UPDATE	←	UPDATE			
	200 OK UPDATE → 200 OK UPDATE					
	Apply post test routine					

TP number	IBCF_203_177_B	Reference	Table 6.1 [2]				
TSS reference	Entry_Point/scr/bcall						
Selection criteria	PICS7.1.1/3 AND NOT PICS 7	7.2.2/105					
Test Purpose name	UPDATE request not supporte	d					
Test Purpose		When the IBCF receives a UPDATE request from the other network, ensure that a UPDATE request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.					
SIP Parameter values	·		•				
Comments							
Message flows	Mx	SUT	lc				
	INVITE	(+	INVITE				
	180 Ringing	→ →	180 Ringing				
	200 OK	→ →	200 OK				
	ACK	(+	ACK				
		+	UPDATE				
	→ 4xx, 5xx, 6xx						
		Apply post test routine					

TP number	IBCF_203_178_A	Refere	nce	Table 6.1 [2]			
TSS reference	Entry_Point/scr/bcall	•		• • • • • • • • • • • • • • • • • • • •			
Selection criteria	PICS7.1.1/3 AND PICS	7.2.2/106					
Test Purpose name	PUBLISH request suppo	PUBLISH request supported					
Test Purpose		When the IBCF receives a PUBLISH request from the other network, ensure that a PUBLISH request is sent to the own network as received from the other network.					
SIP Parameter values	·						
Comments							
Message flows	Mx		SUT	Ic			
_	PUBLISH	←		← PUBLISH			
	200 OK PUBLISH	→		→ 200 OK PUBLISH			

TP number	IBCF 203 178 B	Reference	Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall	•	• • •		
Selection criteria	PICS7.1.1/3 AND NOT F	PICS 7.2.2/106			
Test Purpose name	PUBLISH request not su	pported			
Test Purpose	When the IBCF receives a PUBLISH request from the other network, ensure that a PUBLISH request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values			•		
Comments					
Message flows	Mx	SUT	Ic		
_			← PUBLISH		
			→ 4xx, 5xx, 6xx		

TP number	IBCF_203_179_A	Refere	nce	Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS	5 7.2.2/107				
Test Purpose name	REFER request suppo	rted				
Test Purpose	When the IBCF receives a REFER request from the other network, ensure that a REFER request is sent to the own network as received from the other network.					
SIP Parameter values						
Comments						
Message flows	Mx		SUT	lc		
	REFER	←		← REFER		
	200 OK REFER	→		→ 200 OK REFER		

TP number	IBCF_203_179_B	Reference	Table 6.1 [2]		
TSS reference	Entry_Point/scr/bcall				
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/107			
Test Purpose name	REFER request not sur	oported			
Test Purpose	When the IBCF receives a REFER request from the other network, ensure that a REFER request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.				
SIP Parameter values			·		
Comments					
Message flows	Mx	SUT	lc		
			← REFER		
			→ 4xx, 5xx, 6xx		

TP number	IBCF_203_180_A	Reference	Table 6.1 [2]			
TSS reference	Entry_Point/scr/bcall					
Selection criteria	PICS7.1.1/3 AND PICS 7.2.2/1	08				
Test Purpose name	INFO request supported					
Test Purpose	When the IBCF receives a INFO request from the other network, ensure that a INFO request is sent to the own network as received from the other network.					
SIP Parameter values						
Comments						
Message flows	Mx	SUT	lc			
	INVITE	← ←	INVITE			
	180 Ringing	→	180 Ringing			
	200 OK	→	200 OK			
	ACK	(ACK			
	INFO	+	INFO			
	200 OK INFO	→	200 OK INFO			
		Apply post test routine				

TP number	IBCF_203_180_B	Reference		Table 6.1 [2]					
TSS reference	Entry_Point/scr/bcall	Entry Point/scr/bcall							
Selection criteria	PICS7.1.1/3 AND NOT	PICS 7.2.2/108							
Test Purpose name	INFO request not suppo	orted							
Test Purpose		When the IBCF receives a INFO request from the other network, ensure that a INFO request is rejected with a 4xx, 5xx or 6xx unsuccessful final response.							
SIP Parameter values									
Comments									
Message flows	Mx	SUT		Ic					
	INVITE	←	←	INVITE					
	180 Ringing	→	→	180 Ringing					
	200 OK	→	→	200 OK					
	ACK	←	(ACK					
			←	INFO					
			•	4 F C					
			→	4xx, 5xx, 6xx					

6.2.3.2 Simulation services

6.2.3.2.1 Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR)

TP number	IBCF 204 001	Reference		4.4.2, 5.10.6 [1]	
				5, IETF RFC 3325 [16]	
TSS reference	Entry_Point/scr/ss/oip-	-oir		•	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.1/2 AND PICS 7	7.2.3/1		
Test Purpose name	The IBCF leaves the F requests Privacy is set	P-Asserted-Identity header f t to id	ield from t	he request for incoming	
Test Purpose	When an IBCF receives an initial SIP INVITE request from the other network P-Asserted-Identity header and Privacy header value 'id' present, it leaves the P-Asserted-Identity header fields in the SIP requests if the other network is trusted.				
SIP Parameter values	INVITE1: P-Asserted- Privacy: id INVITE2: P-Asserted- Privacy: id	•			
Comments					
Message flows	Mx	SUT		lc	
	INVITE2	←	←	INVITE1	
		Apply post test	routine		

TP number	IBCF_204_002	Reference	4.4.2, 5.10.6 [1],			
			5, IETF RFC3325 [16]			
TSS reference	Entry_Point/scr/ss/oip					
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.1/2 AND PICS 7.	2.3/1			
Test Purpose name		The IBCF leaves the P-Asserted-Identity header field from the request for incoming requests no Privacy requested				
Test Purpose	P-Asserted-Identity he		est from the other network header present, it leaves the ts if the other network is trusted.			
SIP Parameter values	INVITE1: P-Asserted INVITE2: P-Asserted					
Comments		•				
Message flows	Mx	SUT	lc			
-	INVITE2	←	← INVITE1			
		Apply post test re	outine			

TP number	IBCF_204_003	Reference	4.4.2, 5.10.6 [1],
			5, IETF RFC 3325 [16]
TSS reference	Entry_Point/scr/ss/oip	o-oir	
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.1/2 AND PICS 7.2.3/1	
Test Purpose name	The IBCF replaces or incoming requests	removes the P-Asserted-Ider	ntity header field from the request for
Test Purpose	the header field with a	a single SIP or SIPS or tel UR	est from the other network it replaces I or remove the received If the other network is untrusted.
SIP Parameter values		d-Identity <uri> d-Identity <single or<br="" sip,="" sips="">rted-Identity present</single></uri>	tel URI> or
Comments			
Message flows	Mx	SUT	lc
-	INVITE2	← Apply post test re	← INVITE1 putine

6.2.3.2.2 Terminating Identification Presentation (TIP) and Terminating Presentation Restriction (TIR)

TP number	IBCF 205 001	Reference	4.4.2, 5.10.6 [1],
			5, IETF RFC 3325 [16],
			7.2.2 [17]
TSS reference	Entry Point/scr/ss/tip-tir	<u> </u>	[[]
Selection criteria		PICS 7.2.1/2 AND PICS	7.2.3/2
Test Purpose name	The IBCF leaves the P-A	Asserted-Identity header	field set to the public user identity from
	the 180 response Privac	•	, , , , , , , , , , , , , , , , , , ,
Test Purpose			I response from within its own network
			alue 'id' present upon received an initial
	INVITE request, it leaves	s the P-Asserted-Identity	header fields in the SIP responses if the
	other network is trusted.		
SIP Parameter values	180 1: P-Asserted-Ident	ity <uri></uri>	
	Privacy: id		
	180 2: P-Asserted-Ident	ity <uri></uri>	
	Privacy: id		
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	180 Ringing 1	→	→ 180 Ringing 2
		Apply post test	routine

TP number	IBCF_205_002	Reference		7, 5.10.6 [1], TF RFC 3325 [16],
TSS reference	Entry Point/scr/ss/tip-	tir	1.2.2	. [' ']
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.1/2 AND PI	CS 7.2.3/2	
Test Purpose name	The IBCF leaves the F the 180 response no F	P-Asserted-Identity head Privacy requested	er field set to the put	blic user identity from
Test Purpose	P-Asserted-Identity he	es a 180 Ringing provisicader present and no Prives the P-Asserted-Iden	vacy requested upor	n received an initial
SIP Parameter values	180 1: P-Asserted-Ide 180 2: P-Asserted-Ide			
Comments		•		
Message flows	Mx INVITE 180 Ringing 1	SUT ← → Apply post t	← INVIT→ 180 F	Ic TE Ringing 2

TP number	IBCF_205_003	Reference	4.4.2, 5.10.6 [1], 5, IETF RFC 3325 [16], 7.2.2 [17]			
TSS reference	Entry_Point/scr/ss/tip-tir	Entry Point/scr/ss/tip-tir				
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.1/2 AND PICS 7.	2.3/2			
Test Purpose name		The IBCF leaves the P-Asserted-Identity header field set to the public user identity from the 200 response Privacy is set to id				
Test Purpose	When an IBCF receives a 200 OK INVITE final response from within its own network P-Asserted-Identity header and Privacy header value 'id' present upon received an initial INVITE request, it leaves the P-Asserted-Identity header fields in the SIP responses if the other network is trusted.					
SIP Parameter values	200 1: P-Asserted-Identity <uri> Privacy: id 200 2: P-Asserted-Identity <uri> Privacy: id</uri></uri>					
Comments	-					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 ← ACK outine			

TP number	IBCF_205_004	Reference	4.4.2, 5.10.6 [1], 5, IETF RFC 3325 [16], 7.2.2 [17]	
TSS reference	Entry Point/scr/ss/tip-t	ir	1 []	
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.1/2 AND PICS 7.:	2.3/2	
Test Purpose name	The IBCF leaves the P the 200 response no P		ld set to the public user identity from	
Test Purpose	When an IBCF receives a 200 OK INVITE final response from within its own network P-Asserted-Identity header present and no Privacy requested upon received an initial INVITE request, it leaves the P-Asserted-Identity header fields in the SIP responses if the other network is trusted.			
SIP Parameter values	200 1: P-Asserted-Identity <uri> 200 2: P-Asserted-Identity <uri></uri></uri>			
Comments		-		
Message flows	Mx INVITE 180 Ringing 1 200 OK INVITE1 ACK	SUT ← → ← Apply post test ro	Ic ← INVITE → 180 Ringing 2 → 200 OK INVITE2 ← ACK	
	1	Apply post test it	ZMIIIV	

TP number	IBCF_205_005	Reference	4.4.2, 5.10.6 [1], 5, IETF RFC 3325 [16]	
TSS reference	Entry Point/scr/ss/tip-tir		, , , , , , ,	
Selection criteria	PICS 7.1.1/3 AND PICS 7	.2.1/2 AND NOT PICS 7.2	2.1/3 AND PICS 7.2.3/2	
Test Purpose name	The IBCF removes the P-A the 180 response Privacy		field set to the public user identity from	
Test Purpose	When an IBCF receives a 180 Ringing provisional response from within its own network P-Asserted-Identity header and Privacy header value 'id' upon received an initial INVITE request, it removes the P-Asserted-Identity header fields in the SIP responses if the other network is untrusted.			
SIP Parameter values	180 1: P-Asserted-Identity Privacy: id 180 2:	<uri></uri>		
Comments				
Message flows	Mx INVITE 180 Ringing 1	SUT ← Apply post test ro	lc ← INVITE → 180 Ringing 2 putine	

TP number	IBCF_205_006	Reference	4.4.2, 5.10.6 [1],		
			5, IETF RFC 3325 [16]		
TSS reference	Entry_Point/scr/ss/tip-t	Entry_Point/scr/ss/tip-tir			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.1/2 AND NOT PICS 7.	2.1/3 AND PICS 7.2.3/2		
Test Purpose name	The IBCF leaves the P	P-Asserted-Identity header fie	eld set to the public user identity from		
	the 180 response Priva	acy is not present			
Test Purpose			response from within its own network		
			d is not present upon received an initial		
	INVITE request, it leav	es the P-Asserted-Identity he	eader fields in the SIP responses if the		
	other network is untrusted.				
SIP Parameter values		180 1: P-Asserted-Identity <uri></uri>			
	180 2: P-Asserted-Identity <uri></uri>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing 1	→	→ 180 Ringing 2		
	Apply post test routine				

TP number	IBCF_205_007	Reference	4.4.2, 5.10.6 [1], 5, IETF RFC 3325 [16]			
TSS reference	Entry_Point/scr/ss/tip-tir	, , , , , , , , , , , , , , , , , , , ,				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/2 AND NOT PICS 7.2.1/3 AND PICS 7.2.3/2					
Test Purpose name	The IBCF removes the P-Asserted-Identity header field set to the public user identity from the 200 OK response Privacy is set to id					
Test Purpose	When an IBCF receives a 200 OK INVITE final response from within its own network P-Asserted-Identity header is present and Privacy header value 'id' upon received an initial INVITE request, it removes the P-Asserted-Identity header fields in the SIP responses if the other network is untrusted.					
SIP Parameter values	200 1: P-Asserted-Identity <uri> Privacy: id 200 2:</uri>					
Comments						
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT Apply post tost	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 ← ACK			
	Apply post test routine					

TP number	IBCF_205_008	Reference	4.4.2, 5.10.6 [1], 5, IETF RFC 3325 [16],
			7.2.2 [17]
TSS reference	Entry_Point/scr/ss/tip-tir		
Selection criteria	PICS 7.1.1/3 AND PICS	37.2.1/2 AND NOT PICS 7.2	.1/3 AND PICS 7.2.3/2
Test Purpose name		emoves the P-Asserted-Ident K response Privacy is not pre	ity header field set to the public user sent
Test Purpose	P-Asserted-Identity hea	der is present and Privacy he leaves the P-Asserted-Ident	onse from within its own network eader is not present upon received an ity header fields in the SIP responses
SIP Parameter values	200 1: P-Asserted-Iden 200 2: P-Asserted-Iden	,	
Comments		-	
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT	lc ← INVITE → 180 Ringing → 200 OK INVITE2 ← ACK utine

TP number	IBCF_205_009	Reference	7.2.2 [17]	
TSS reference	Entry_Point/scr/ss/tip-tir			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1.	/2 AND PICS 7.2.1/3 AND PIC	S 7.2.3/2	
Test Purpose name	The IBCF removes the P-Asserted-Identity header field set to the public user identity from the 180 response Privacy is set to id			
Test Purpose	When an IBCF receives a 180 Ringing provisional response from within its own network P-Asserted-Identity header and Privacy header value 'id' present upon received an initial INVITE request, it removes the P-Asserted-Identity header fields in the SIP responses if the other external IP network is untrusted.			
SIP Parameter values	180 1: P-Asserted-Identity <uri> Privacy: id 180 2:</uri>			
Comments				
Message flows	Mx	SUT	Ic	
_	INVITE 180 Ringing 1	→	INVITE 180 Ringing 2	
		Apply post test routine		

TP number	IBCF_205_010	Reference	7.2.2 [17]			
TSS reference	Entry_Point/scr/ss/tip-	Entry Point/scr/ss/tip-tir				
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.1/2 AND PICS 7.2.1/3 AND PICS 7.2.3/2				
Test Purpose name		The IBCF removes the P-Asserted-Identity header field set to the public user identity from the 200 response Privacy is set to id				
Test Purpose	When an IBCF receives a 200 OK INVITE final response from within its own network P-Asserted-Identity header and Privacy header value 'id' present upon received an initial INVITE request, it removes the P-Asserted-Identity header fields in the SIP responses if the other external IP network is untrusted.					
SIP Parameter values	200 1: P-Asserted-Ide Privacy: id 200 2:	entity <uri></uri>				
Comments						
Message flows	Mx INVITE 180 Ringing 1 200 OK INVITE1 ACK	SUT ← → → Apply post tes	Ic ← INVITE → 180 Ringing 2 → 200 OK INVITE2 ← ACK t routine			

TP number	IBCF_205_011	Reference	7.2.2 [17]		
TSS reference	Entry_Point/scr/ss/tip	-tir			
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.1/2 AND PICS 7.2.1	/3 AND PICS 7.2.3/2		
Test Purpose name		The IBCF removes the P-Asserted-Identity header field set to the public user identity from the 180 response Privacy header not present			
Test Purpose	P-Asserted-Identity h initial INVITE request	When an IBCF receives a 180 Ringing provisional response from within its own network P-Asserted-Identity header is present and Privacy header is not present upon received an initial INVITE request, it removes the P-Asserted-Identity header fields in the SIP responses if the other external IP network is untrusted.			
SIP Parameter values	180 1: P-Asserted-Identity <uri> 180 2:</uri>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing → 180 Ringing				
	- 0	Apply post test	routine		

TP number	IBCF_205_012	Reference	7.2.2 [17]		
TSS reference	Entry_Point/scr/ss/tip-t	tir			
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.1/2 AND PICS 7.2.1/	3 AND PICS 7.2.3/2		
Test Purpose name	The IBCF removes the P-Asserted-Identity header field set to the public user identity from the 200 OK response Privacy header not present				
Test Purpose	When an IBCF receives a 200 OK INVITE final response from within its own network P-Asserted-Identity header is present and Privacy header is not present upon received an initial INVITE request, it removes the P-Asserted-Identity header fields in the SIP responses if the other external IP network is untrusted.				
SIP Parameter values	200 1: P-Asserted-Identity <uri> 200 2:</uri>				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT	Ic ← INVITE → 180 Ringing → 200 OK INVITE2 ← ACK routine		
		Apply post test	i vatility		

TP number	IBCF_205_013	Reference	12 [4]		
TSS reference	Entry_Point/scr/ss/tip-tir	Entry Point/scr/ss/tip-tir			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	2			
Test Purpose name	INVITE 'from-change' tag in Si	upported header supported			
Test Purpose	When the IBCF receives an INVITE request from the other network and the 'from-change' tag is contained in the Supported header, an INVITE request is sent to the own network and the 'from-change' tag is present in the supported header.				
SIP Parameter values	INVITE1: Supported: from-change INVITE2: Supported: from-change				
Comments		-			
Message flows	Mx INVITE2	SUT ←	Ic INVITE1		
		Apply post test routine			

TP number	IBCF 205 014	Reference	12 [5]		
TSS reference	Entry Point/scr/ss/tip-tir				
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.3/2			
Test Purpose name	200 OK 'from-change' tag in Supported header supported				
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network and the 'from-change' tag is contained in the Supported header, a 200 OK INVITE is sent to the other network and the 'from-change' tag present in the supported header. Ensure that the changed From header value in the UPDATE request is passed unchanged.				
SIP Parameter values	200 OK 1: Supported: from-change 200 OK 2: Supported: from-change UPDATE 1: From: <changed from="" header="" value=""> UPDATE 2: From: <changed from="" header="" value=""></changed></changed>				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK UPDATE1 200 OK UPDATE	SUT ← → ← → ← Apply post te	lc ← INVITE → 180 Ringing → 200 OK INVITE2 ← ACK → UPDATE 2 ← 200 OK UPDATE est routine		

6.2.3.2.3 Communication Diversion service

TP number	IBCF_206_001	Reference	4.4.2, 5.10.6 [1],			
			5 [15]			
TSS reference	Entry_Point/scr/ss/cdiv					
Selection criteria	PICS 7.1.1/3 AND NOT PICS 1	7.2.1/2 AND PICS 7.2.	.3/3			
Test Purpose name	History-Info header in 181 is su	apported to trusted net	twork			
Test Purpose			ed provisional response containing a			
	History-Info header and no Priv	acy header from withi	in its own network upon received an			
	initial INVITE request, it leaves	initial INVITE request, it leaves the History-Info header fields in the 181 SIP responses if				
	the other network is trusted.					
SIP Parameter values	181 1: History-Info					
	181 2: History-Info					
Comments						
Message flows	Mx	SUT	lc			
_	INVITE	←	← INVITE			
	181 Call Is Being Forwarded 1	→	→ 181 Call Is Being Forwarded 2			
	Apply post test routine					

TP number	IBCF_206_002	Reference	4.4.2, 5.10.6 [1],		
			5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv				
Selection criteria	PICS 7.1.1/3 AND NOT P	ICS 7.2.1/2 AND PICS 7	7.2.3/3		
Test Purpose name	History-Info header in 180	is supported to trusted i	network		
Test Purpose			response containing a History-Info		
			network upon received an initial INVITE		
		ory-Info header fields in t	the 180 SIP responses if the other		
	network is trusted.				
SIP Parameter values	180 1: History-Info				
	180 2: History-Info				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing 1	→	→ 180 Ringing 2		
	Apply post test routine				

TP number	IBCF_206_003	Reference	4.4.2, 5.10.6 [1],		
			5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv				
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/2 AND PICS 7.2.3/3			
Test Purpose name	History-Info header in 200 OK	is supported to trusted networ	k		
Test Purpose	When an IBCF receives a 200				
	and no Privacy header from wi				
	request, it leaves the History-I	nfo header fields in the 200 Ok	(INVITE final responses if		
	the other network is trusted.		·		
SIP Parameter values	200 1: History-Info				
	200 2: History-Info				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	· ←	INVITE		
	180 Ringing →	→	180 Ringing		
	200 OK INVITE1 → 200 OK INVITE1				
	ACK ← ACK				
	Apply post test routine				

TP number	IBCF_206_004	Reference	4.4.2, 5.10.6 [1] , 5 [15]
TSS reference	Entry Point/scr/ss/cdiv		[0 [13]
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/2 AND PICS 7.2.3/3	3
Test Purpose name	History-Info header and Privac	y header in 181 is suppo	rted to trusted network
Test Purpose	History-Info header and a Priva	acy header value history est, it leaves the History-	provisional response containing a from within its own network upon lnfo header fields in the 181 SIP
SIP Parameter values	181 1: History-Info Privacy: history 181 2: History-Info Privacy: history		
Comments			
Message flows	Mx INVITE 181 Call Is Being Forwarded 1		lc - INVITE - 181 Call Is Being Forwarded 2 ine

TP number	IBCF_206_005	Refere	nce	4.4.2, 5.10.6 [1], 5 [15]
TSS reference	Entry_Point/scr/ss/cdiv			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.1/2	AND PICS 7.2.3/3	
Test Purpose name	History-Info header and	Privacy head	er in 180 is supported	to trusted network
Test Purpose	header and a Privacy he	eader value his leaves the His	story from within its or	e containing a History-Info wn network upon received an Is in the 180 SIP responses if
SIP Parameter values	180 1: History-Info Privacy: history 180 2: History-Info Privacy: history			
Comments				
Message flows	Mx INVITE 180 Ringing 1	← → Appl	SUT	Ic INVITE 180 Ringing 2

TP number	IBCF_206_006	Reference	4.4.2, 5.10.6 [1] , 5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv	·			
Selection criteria	PICS 7.1.1/3 AND NOT F	PICS 7.2.1/2 AND PICS 7.2	2.3/3		
Test Purpose name	History-Info header and F	rivacy header in 200 OK is	s supported to trusted network		
Test Purpose	When an IBCF receives a 200 OK INVITE final provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it leaves the History-Info header fields in the 200 OK INVITE final responses if the other network is trusted.				
SIP Parameter values	200 1: History-Info Privacy: history 200 2: History-Info Privacy: history				
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT	Ic ← INVITE → 180 Ringing → 200 OK INVITE1 ← ACK		
		Apply post test ro	outine		

TP number	IBCF_206_007	Reference	4.4.2, 5.10.6 [1], 5 [15]	
TSS reference	Entry_Point/scr/ss/cdiv	<u>l</u>	s [: e]	
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/2 AND PICS 7.2.3/3		
Test Purpose name	History-Info header and escape	ed Privacy header in 181 is	supported to trusted network	
Test Purpose	When an IBCF receives a 181 Call Is Being Forwarded provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it leaves the History-Info header fields in the 181 SIP responses if the other network is trusted.			
SIP Parameter values	181 1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>			
Comments				
Message flows	Mx INVITE 181 Call Is Being Forwarded 1		Ic INVITE 181 Call Is Being Forwarded 2	
	Apply post test routine			

TP number	IBCF_206_008	Reference	4.4.2, 5.10.6 [1], 5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv		,		
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/2 AND PICS 7.2.3/3			
Test Purpose name	History-Info header and escap	ed Privacy header in 180 is su	pported to trusted network		
Test Purpose	When an IBCF receives a 180 Ringing provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it leaves the History-Info header fields in the 180 SIP responses if the other network is trusted.				
SIP Parameter values	180 1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	←	INVITE		
	180 Ringing 1 →	→	180 Ringing 2		
	Apply post test routine				

TP number	IBCF_206_009	Reference	4.4.2, 5.10.6 [1], 5 [1 5]		
TSS reference	Entry_Point/scr/ss/cdiv	<u>.</u>			
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.1/2 AND PICS 7	.2.3/3		
Test Purpose name	History-Info header and network	l escaped Privacy header ir	n 200 OK is supported to trusted		
Test Purpose	History-Info header and received an initial INVIT	When an IBCF receives a 200 OK INVITE final provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it leaves the History-Info header fields in the 200 OK INVITE final responses if the other network is trusted.			
SIP Parameter values	<hi>200 2: History-Info: <hi< td=""><td colspan="4">200 1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri></td></hi<></hi>	200 1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>			
Comments					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT ← → → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE1 ← ACK routine		

TP number	IBCF 206 010	Reference	4.4.2, 5.10.6 [1],
			5 [15]
TSS reference	Entry_Point/scr/ss/cdiv		
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	2 AND PICS 7.2.3/3	
Test Purpose name	History-Info header in 181 is su	upported or removed	to untrusted network
Test Purpose	History-Info header and no Priv	vacy header from with the History-Info head	ded provisional response containing a nin its own network upon received an der fields in the 181 SIP responses or untrusted.
SIP Parameter values	181 1: History-Info 181 2: History-Info or History-Info header is	s not present	
Comments	•		
Message flows	Mx	SUT	lc
-	INVITE 181 Call Is Being Forwarded 1	← → Apply post test re	← INVITE → 181 Call Is Being Forwarded 2 putine

TP number	IBCF_206_011	Reference		4.4.2, 5.10.6 [1],		
				5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv					
Selection criteria	PICS 7.1.1/3 AND PICS 7.	2.1/2 AND PICS 7.2.3/3				
Test Purpose name	History-Info header in 180	is supported or removed	to untrus	sted network		
Test Purpose	When an IBCF receives a					
				pon received an initial INVITE		
		request, it leaves the History-Info header fields in the 180 SIP responses or removes it				
	from the response if the oth	<u>ner network is untrusted.</u>				
SIP Parameter values	180 1: History-Info					
	180 2: History-Info					
	or History-Info header is not present					
Comments						
Message flows	Mx	SUT		lc		
	INVITE	←	←	INVITE		
	180 Ringing 1 → 180 Ringing 2					
	Apply post test routine					

IBCF_206_012	Reference	4.4.2, 5.10.6 [1], 5 [15]		
Entry_Point/scr/ss/cdiv	·			
PICS 7.1.1/3 AND PICS	5 7.2.1/2 AND PICS 7.2.3/3			
History-Info header in 2	00 OK is supported or remove	ved to untrusted network		
When an IBCF receives a 200 OK INVITE final provisional response containing a History-Info header and no Privacy header from within its own network upon received an initial INVITE request, it leaves the History-Info header fields in the 200 OK INVITE final responses or removes it from the response if the other network is untrusted.				
200 1: History-Info 200 2: History-Info or History-Info he	eader is not present			
Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT ← → → ← Apply post test ro	Ic ← INVITE → 180 Ringing → 200 OK INVITE1 ← ACK utine		
	Entry_Point/scr/ss/cdiv PICS 7.1.1/3 AND PICS History-Info header in 2 When an IBCF receives History-Info header and initial INVITE request, it responses or removes i 200 1: History-Info 200 2: History-Info or History-Info history-Info history-Info history-Info history-Info NMx INVITE 180 Ringing 200 OK INVITE1	Entry_Point/scr/ss/cdiv PICS 7.1.1/3 AND PICS 7.2.1/2 AND PICS 7.2.3/3 History-Info header in 200 OK is supported or remove the work of		

TP number	IBCF_206_013	Reference	4.4.2, 5.10.6 [1],	
			5 [15]	
TSS reference	Entry_Point/scr/ss/cdiv			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	2 AND PICS 7.2.3/3		
Test Purpose name	History-Info header in 181 is no	ot supported to untrus	sted network	
Test Purpose	When an IBCF receives a 181 Call Is Being Forwarded provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it removes the History-Info header fields in the 181 SIP responses if the other network is untrusted.			
SIP Parameter values	181 1: History-Info Privacy: history 181 2:			
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	181 Call Is Being Forwarded 1	→	→ 181 Call Is Being Forwarded 2	
	Apply post test routine			

TP number	IBCF_206_014	Reference	4.4.2, 5.10.6 [1],		
			5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv				
Selection criteria	PICS 7.1.1/3 AND PICS	S 7.2.1/2 AND PICS 7.2.3	3/3		
Test Purpose name	History-Info header in 1	180 is not supported to ur	ntrusted network		
Test Purpose			nal response containing a History-Info		
			within its own network upon received an		
			o header fields in the 180 SIP responses		
	if the other network is u	ıntrusted.			
SIP Parameter values	180 1: History-Info				
	Privacy: history				
	180 2:				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing 1	→	→ 180 Ringing 2		
	Apply post test routine				

IBCF_206_015	Reference	4.4.2, 5.10.6 [1] 5 [15]	
Entry_Point/scr/ss/cdiv	l	[0 [10]	
PICS 7.1.1/3 AND PICS	7.2.1/2 AND PICS 7.2.3/3		
History-Info header in 20	00 OK is not supported to un	ntrusted network	
When an IBCF receives a 200 OK INVITE final provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it removes the History-Info header fields in the 200 OK INVITE final responses if the other network is untrusted.			
200 1: History-Info Privacy: history 200 2:			
Mx INVITE 180 Ringing 200 OK INVITE1 ACK	SUT Apply post test ro	Ic ← INVITE → 180 Ringing → 200 OK INVITE1 ← ACK utine	
	Entry_Point/scr/ss/cdiv PICS 7.1.1/3 AND PICS History-Info header in 2 When an IBCF receives History-Info header and received an initial INVIT INVITE final responses 200 1: History-Info Privacy: history 200 2: Mx INVITE 180 Ringing 200 OK INVITE1	Entry_Point/scr/ss/cdiv PICS 7.1.1/3 AND PICS 7.2.1/2 AND PICS 7.2.3/3 History-Info header in 200 OK is not supported to under the supported the supported to under the supported tou	

TP number	IBCF_206_016	Reference	4.4.2, 5.10.6 [1], 5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1	/2 AND PICS 7.2.3/3			
Test Purpose name	History-Info header and esca untrusted network	ped Privacy header in	181 is supported or removed to		
Test Purpose	History-Info header and a Privince received an initial INVITE req	When an IBCF receives a 181 Call Is Being Forwarded provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it removes this specific hi-entry from the History-Info header fields in the 181 SIP response or removes all hi-entries from the SIP response if the other network is untrusted.			
SIP Parameter values	hi-target 181 2: History-Info: hi-target	181 1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>			
Comments					
Message flows	Mx INVITE 181 Call Is Being Forwarded	SUT ← 1 → Apply post test r	Ic ← INVITE → 181 Call Is Being Forwarded 2 outine		

TP number	IBCF_206_017	Reference	4.4.2, 5.10.6 [1], 5 [15]		
TSS reference	Entry_Point/scr/ss/cdiv	-			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1	/2 AND PICS 7.2.3/3			
Test Purpose name	History-Info header and esca untrusted network	oed Privacy header in 180 is s	upported or removed to		
Test Purpose	header and a Privacy header initial INVITE request, it remo	When an IBCF receives a 180 Ringing provisional response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it removes this specific hi-entry from the History-Info header fields in the 180 SIP response or removes all hi-entries from the SIP response if the other network is untrusted.			
SIP Parameter values	hi-target.180.2 : History-Info: hi-target.180.2 : History-Info: hi-target.180	180 1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>			
Comments					
Message flows	Mx INVITE 180 Ringing 1	· •	Ic INVITE 180 Ringing 2		

TP number	IBCF_206_018	Reference	4.4.2, 5.10.6 [1], 5 [15]	
TSS reference	Entry_Point/scr/ss/cdiv	1		
Selection criteria	PICS 7.1.1/3 AND PIC	S 7.2.1/2 AND PICS 7.2.3/3		
Test Purpose name	History-Info header an untrusted network	d escaped Privacy header in	200 OK is supported or removed to	
Test Purpose	When an IBCF receives a 200 OK INVITE final response containing a History-Info header and a Privacy header value history from within its own network upon received an initial INVITE request, it removes this specific hi-entry from the History-Info header fields in the 200 OK INVITE final response or removes all hi-entries from the SIP response if the other network is untrusted.			
SIP Parameter values	200 1: History-Info: <hi-targeted-to-uri 1?privacy="history">; index=1</hi-targeted-to-uri>			
Comments Message flows	Mx	SUT	lc	
Message flows	INVITE 180 Ringing 200 OK INVITE1 ACK	← → → ← Apply post test re	← INVITE→ 180 Ringing→ 200 OK INVITE1← ACK	

6.2.3.2.4 Other Simulation services

TP number	IBCF 207 001	Reference	12 [2]		
TSS reference	Entry Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3	/17 AND PICS 7.2.3/4			
Test Purpose name	INFO request containing the "a	application/vnd.etsi.mcid+xml"	request MIME body		
-	supported				
Test Purpose	to 'application/vnd.etsi.mcid+x request is sent to the other ne	When the IBCF receives an INFO request from the own network the Content-Type is set to 'application/vnd.etsi.mcid+xml' and a MCID XML request body is present, an INFO request is sent to the other network. The Content-type is set to 'application/vnd.etsi.mcid+xml' and the received MCID XML body is present.			
SIP Parameter values			body is present.		
oir Farameter values	INFO: Content-Type: application/vnd.etsi.mcid+xml xml version="1.0" mcid request McidRequestIndicator 1< HoldingIndicator>1<				
Comments	-				
Message flows	Mx INVITE 180 Ringing INFO 200 OK INFO	→ → →	Ic INVITE 180 Ringing INFO 200 OK INFO		

TP number	IBCF_207_002	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/oth	Entry_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.3/17 AND PICS 7.2.3/4			
Test Purpose name	INFO request contain	INFO request containing the "application/vnd.etsi.mcid+xml" response MIME body			
	supported				
Test Purpose	When the IBCF receive	es an INFO request from t	ne other network the Content-T	ype is set	
	to 'application/vnd.ets	i.mcid+xml' and a MCID XI	1L response body is present, a	n INFO	
		own network. The Content-			
	'application/vnd.etsi.m	ncid+xml' and the received	MCID XML body is present.		
SIP Parameter values		/pe: application/vnd.etsi.mc	d+xml		
	XML mcid				
	respons				
	McidResponseIndicator>1<				
		HoldingProvidedIndicator>1<			
	OrigPartyIdentity>[any URI]<				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing → 180 Ringing				
	INFO → INFO				
	200 OK INFO 1 ← 200 OK INFO 1				
	INFO 2	←	← INFO 2		
	200 OK INFO	→	→ 200 OK INFO		
		Apply post tes	routine		

TP number	IBCF_207_003	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other	•			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3	/5			
Test Purpose name	Privacy value 'id' and 433 And	nymity Disallowed response s	upported		
Test Purpose	other network, an INVITE requ P-Asserted-Identity header an	When an IBCF receives a P-Asserted-Identity and the Privacy header is set to 'id' from the other network, an INVITE request is sent to the own network containing the P-Asserted-Identity header and the Privacy header. The received 433 Anonymity Disallowed final response from the other network is sent into the own network.			
SIP Parameter values	INVITE: P-Asserted-Identity Privacy: id				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	+ +	INVITE		
	433 Anonymity Disallowed	→	433 Anonymity Disallowed		
	ACK	+ +	ACK		

TP number	IBCF_207_004	Reference	12 [3]	
TSS reference	Entry_Point/scr/ss/oth	er		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.3/6		
Test Purpose name	Alert-Info header supp	oorted		
Test Purpose	When the IBCF receives a 180 Ringing from the own network containing an Alert-Info header set to 'urn:alert:service:call-waiting' a 180 Ringing response is sent to the other network and the received Alert-Info header is present.			
SIP Parameter values	180: Alert-Info: <urn< th=""><th>:alert:service:call-waiting></th><th></th></urn<>	:alert:service:call-waiting>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	180 Ringing	→	→ 180 Ringing	
	Apply post test routine			

TP number	IBCF_207_005	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other	Entry Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2	.1/1 AND PICS 7.2.3/6			
Test Purpose name	INVITE containing a CW XM	IL body supported			
Test Purpose		When the IBCF receives an INVITE request from the other network and a CW XML MIME body is attached, an INVITE request is sent to the own network containing the received CW XML MIME body.			
SIP Parameter values	INVITE: Content-Type: application/vnd.3gpp.cw+xml xml version="1.0" simservs communication-waiting active="true"</th				
Comments					
Message flows	Mx INVITE	SUT ← ← ← Apply post test routine	lc - INVITE		

TP number	IBCF_207_006	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	19 AND PICS 7.2.3/6			
Test Purpose name	480 containing Reason cause	19 supported			
Test Purpose	network and a Reason header	When the IBCF receives a 480 Temporarily Unavailable final response from the own network and a Reason header cause value set to #19 is present, a 480 Temporarily Unavailable is sent to the other network containing the received Reason header.			
SIP Parameter values	480: Reason: Q.850: cause=	480: Reason: Q.850: cause=19			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE	←	← INVITE		
	480 Temporarily Unavailable	→	→ 480 Temporarily Unavailable		
	ACK	←	← ACK		

TP number	IBCF_207_007	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3				
Test Purpose name	INVITE request to suspend ar	nd retrieve a session is suppor	ted		
Test Purpose	When the IBCF receives an INVITE request from the other network while an active session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendonly', an INVITE request is sent to the own network:				
	The version parameter ofThe a attribute of the m li				
		The 200 OK INVITE received from the own network the version parameter of the o line is incremented and the a attribute of the m line is set to 'recvonly' is sent to the other network:			
	 The version parameter of the o line is incremented The a attribute of the m line is set to 'recvonly' When the IBCF receives an INVITE request from the other network while an suspended session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendrecv', an INVITE request is sent to the own 				
	 The version parameter of The a attribute of the m lii				
	The 200 OK INVITE received from the own network the version parameter of the o line is incremented and the a attribute of the m line is set to 'sendrecv' is sent to the other network:				
	The version parameter ofThe a attribute of the m li				
SIP Parameter values	a=sendonly INVITE2: SDP	umber incremented umber incremented			
Comments					
Message flows	Mx	SUT	Ic		
J	An act INVITE1 200 OK INVITE ACK INVITE2 200 OK INVITE ACK	tive session is already estable	olished INVITE1 200 OK INVITE ACK INVITE2 200 OK INVITE ACK		
	, tork	Apply post test routine	,,,,,,		

TSS reference Selection criteria PICS 7.1.1/3 AND PICS 7.2.3/7 Test Purpose name UPDATE request to suspend and retrieve a session is supported When the IBCF receives an UPDATE request from the other network session is established and the version parameter in the o line of the and the a attribute of the m line is set to 'sendonly', an UPDATE request from the other network:				
Test Purpose name UPDATE request to suspend and retrieve a session is supported When the IBCF receives an UPDATE request from the other network session is established and the version parameter in the o line of the and the a attribute of the m line is set to 'sendonly', an UPDATE req				
Test Purpose When the IBCF receives an UPDATE request from the other network session is established and the version parameter in the o line of the and the a attribute of the m line is set to 'sendonly', an UPDATE request.				
session is established and the version parameter in the o line of the and the a attribute of the m line is set to 'sendonly', an UPDATE req				
 The version parameter of the o line is incremented The a attribute of the m line is set to 'sendonly' 				
The 200 OK UPDATE received from the own network the version pais incremented and the a attribute of the m line is set to 'recvonly' is network:				
session is established and the version parameter in the o line of the	• The a attribute of the m line is set to 'recvonly' When the IBCF receives an UPDATE request from the other network while an suspended session is established and the version parameter in the o line of the SDP is incremented and the a attribute of the m line is set to 'sendrecv', an UPDATE request is sent to the			
 The version parameter of the o line is incremented The a attribute of the m line is set to 'sendrecv' 				
	The 200 OK UPDATE received from the own network the version parameter of the o line is incremented and the a attribute of the m line is set to 'sendrecv' is sent to the other network:			
 The version parameter of the o line is incremented The a attribute of the m line is set to 'sendrecv'. 				
SIP Parameter values UPDATE 1: SDP o line: version number incremented a=sendonly UPDATE 2:				
SDP o line: version number incremented a=sendrecv				
Comments				
Message flows Mx SUT	lc			
An active session is already established				
UPDATE ← UPDA				
200 OK UPDATE → 200 O	K UPDATE			
UPDATE ← ← UPDA	тс			
	K UPDATE			
Apply post test routine	IN OI DAIL			

TP number	IBCF_207_009	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/other	Entry_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.1/1 AND PICS 7.2.3/8	3			
Test Purpose name	SUBSCRIBE with 'mess	sage-summary' event pack	age supported			
Test Purpose	When the IBCF receives	s a SUBSCRIBE request fi	rom the other network the:			
	 Expires header set 	 Event header is set to 'message-summary' Expires header set to '7200' Accept header set to 'application/simple-message-summary' 				
	A SUBCRIBE is sent to from the other network.	the own network containing	g the MWI related headers as received			
SIP Parameter values	SUBCRIBE:	SUBCRIBE:				
	Event: message-summary Expires: 7200 Accept: application/simple-message-summary					
Comments	·		•			
Message flows	Mx	SUT	Ic			
	SUBCRIBE	←	← SUBCRIBE			
	200 OK SUBCRIBE/	→	→ 200 OK SUBCRIBE/			
	202 Accepted		202 Accepted			

TP number	IBCF 207 010	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/othe	Entry_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.1/1 AND PICS 7.2.3/8				
Test Purpose name	NOTIFY with message	summary MIME body suppo	orted			
Test Purpose	When the IBCF receive	es a NOTIFY request from th	ne other network the:			
	Subscription-StateContent-Type hea	 Event header set to 'message-summary' Subscription-State header set to 'active' expires parameter set to '7200' Content-Type header set to 'application/simple-message-summary' MIME body set to 'Messages-Waiting: yes' 				
	body as received from	A NOTIFY is sent to the own network containing the MWI related headers and MIME body as received from the other network.				
SIP Parameter values	Event: mess Subscription Content-Typ	NOTIFY: Event: message-summary Subscription-State: active; expires=7200 Content-Type: application/simple-message-summary Messages-Waiting: yes				
Comments						
Message flows	Mx	SUT	lc			
	NOTIFY 200 OK NOTIFY	← →	NOTIFY→ 200 OK NOTIFY			

TP number	IBCF_207_011	Reference	12 [2]
TSS reference	Entry_Point/scr/ss/otl	her	·
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.3/9	
Test Purpose name	603 containing a Rea	son header in case of ICB red	ceived
Test Purpose		ves a 603 Decline final resport other network containing the	nse from the own network, a 603 received Reason header.
SIP Parameter values	603: Reason	•	
Comments			
Message flows	Mx INVITE 603 Decline ACK	SUT ← →	Ic ← INVITE → 603 Decline ← ACK

TP number	IBCF_207_012	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/ot	her			
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.1/1 AND PICS 7.2.3/	9		
Test Purpose name	603 containing a Rea	ason header in case of OCB	received		
Test Purpose		When the IBCF receives a 603 Decline final response from the own network, a 603 Decline is sent to the other network containing the received Reason header.			
SIP Parameter values	603: Reason				
Comments					
Message flows	Mx INVITE 603 Decline ACK	SUT ← → ←	Ic ← INVITE → 603 Decline ← ACK		

TP number	IBCF_207_013	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/other	Entry Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND NOT	PICS 7.2.1/1 AND PICS 7	7.2.3/10			
Test Purpose name	486 containing a Call-In	nfo header is supported				
Test Purpose	When the IBCF receives a 486 Busy Here final response containing a Call-Info header with purpose parameter set to 'call-completion' and m parameter set to 'BS' from the own network ensure that a 486 Busy Here final response is sent to the other network containing the received Call-Info header.					
SIP Parameter values	486:	1.5.5.1				
	Call-Info: <sip:[any uri]="">;purpose=call-completion;m=BS</sip:[any>					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	INVITE ← INVITE				
	486 Busy Here	→	→ 486 Busy Here			
	ACK	+	← ACK			

TP number	IBCF_207_014	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other	Entry_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	PICS 7.1.1/3 AND NOT PICS 7.2.1/1 AND PICS 7.2.3/11			
Test Purpose name	180 containing a Call-Info head	der is supported			
Test Purpose	When the IBCF receives a 180 Ringing provisional response containing a Call-Info header with purpose parameter set to 'call-completion' and m parameter set to 'NR' from the own network ensure that a 180 Ringing provisional response is sent to the other network containing the received Call-Info header.				
SIP Parameter values	180:				
	Call-Info: <sip:[any uri]="">;purpose=call-completion;m=NR</sip:[any>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	←	INVITE		
	180 Ringing →	→	180 Ringing		
		Apply post test routine			

TP number	IBCF 207 015	Reference	12 [2]
TSS reference	Entry_Point/scr/ss/other		· · · · · · · · · · · · · · · · · · ·
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/1 AND (PICS 7.	2.3/11 OR PICS 7.2.3/10)
Test Purpose name	199 response is supported		
Test Purpose	When the IBCF receives a 199 Early Dialog Terminated provisional response from the own network in early dialogue ensure that the 199 Early Dialog Terminated is sent to the other network.		
SIP Parameter values			
Comments			
Message flows	Mx INVITE 180 Ringing 199 Early Dialog Terminated	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing → 199 Early Dialog Terminated putine

TP number	IBCF 207 016	Reference	12 [2]	
TSS reference	Entry Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND NOT PICS	7.2.1/1 AND (PICS 7.2.3/11 O	R PICS 7.2.3/10)	
Test Purpose name	SUBSCRIBE and NOTIFY for	Call Completion is supported	·	
Test Purpose	When the IBCF receives a SU	BSCRIBE request from the oth	ner network and the:	
	 Call-Info header purpose parameter is set to 'call-completion' and the m parameter is set to 'BS' or 'NR' Event header is set to 'call-completion' 			
	ensure that a SUBSCRIBE request is sent to the own network containing the received Call-Info and Event header. When the IBCF receives a NOTIFY request from the own network and the:			
	 Event header is set to call-completion Content-Type header is set to application/call-completion cc-state MIME parameter is set to queued cc-service-retention MIME parameter is set to true 			
	ensure that a NOTIFY request and the 'cc-' MIME body as red		ontaining the Event header	
SIP Parameter values	SUBSCRIBE: Call-Info: <sip:[any uri]="">;purpose=call-completion; m=BS or m=NR Event: call-completion NOTIFY: Event: call-completion Content-Type: application/call-completion</sip:[any>			
	cc-state: queued	, , , , , , , , , , , , , , , , , , ,		
	cc-service-retention	: true		
Comments				
Message flows	Mx SUBSCRIBE 202 Accepted →	SUT ← →	Ic SUBSCRIBE 202 Accepted	
	NOTIFY 200 OK NOTIFY ←	→ ← Apply post test routine	NOTIFY 200 OK NOTIFY	

TP number	IBCF 207 017	Reference	12 [2]		
TSS reference	Entry Point/scr/ss/other	11010101100	12 [2]		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7.2.1/1 AND (PICS 7.2.3/11 OR PICS 7.2.3/10)				
		,	DR PICS 1.2.3/10)		
Test Purpose name		NOTIFY for Call Completion is supported			
Test Purpose	When the IBCF receives a NO	TIFY request from the other r	network and the:		
	 Event header is set to 	•			
	 Content-Type header 	is set to 'application/call-comp	oletion'		
			ription-State MIME parameter		
	is set to 'terminated; re	eason=noresource'			
		ensure that a NOTIFY request is sent to the own network containing the Event header and the 'cc-' MIME body as received from the other network.			
SIP Parameter values	NOTIFY:				
	Event: call-completion				
	Content-Type: application/call-completion				
	cc-state: ready				
	or				
	Subscription-State: terminated; reason=noresource				
Comments	A subscription from the other network is active.				
Message flows	Mx	SUT	Ic		
	NOTIFY (· ←	NOTIFY		
	200 OK NOTIFY →	· •	200 OK NOTIFY		
		Apply post test routine			

TP number	IBCF_207_018	Reference	12 [2]
TSS reference	Entry_Point/scr/ss/other		
Selection criteria	PICS 7.1.1/3 AND NOT PICS 7.2.1/1 AND (PICS 7.2.3/11 OR PICS 7.2.3/10)		
Test Purpose name	PUBLISH for Call Completion is supported		
Test Purpose	When the IBCF receives a PUBLISH request from the other network and the:		
	 Event header is set to presence Call-Info header purpose parameter is set to 'call-completion' and the m parameter is set to 'BS' or 'NR' Content-Type header is set to application/pidf+xml 		
			s/basic element set to 'closed'
	ensure that a PUBLISH requestand the presence MIME body		containing the Call-Info header twork.
SIP Parameter values	Content-Type: appli	encoding="UTF-8"?> ed	on; m=BS or m=NR
Comments			
Message flows	Mx PUBLISH ←	SUT ←	Ic PUBLISH
	200 OK PUBLISH →	→	200 OK PUBLISH
		Apply post test routine	

TP number	IBCF_207_019	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/othe	er			
Selection criteria	PICS 7.1.1/3 AND NO	T PICS 7.2.1/1 AND (PICS 1	7.2.3/11 OR PICS 7.2.3/10)		
Test Purpose name	INVITE with Call Comp	letion information is suppor	ted		
Test Purpose	set to 'BS' or 'NR' is pre purpose parameter set that an INVITE request and the Call-Info heads	When the IBCF receives an INVITE request from the other network and a m parameter set to 'BS' or 'NR' is present in the request line and a Call-Info header containing a purpose parameter set to 'call-completion' and a m parameter set to 'BS' or 'NR', ensure that an INVITE request is sent to the own network, the m parameter in the request line and the Call-Info header is present as received from the other network.			
SIP Parameter values	INVITE: Request Line Call-Info: <s< th=""><th></th><th>completion; m=BS or m=NR</th><th></th></s<>		completion; m=BS or m=NR		
Comments					
Message flows	Mx INVITE	SUT ← Apply post test r	lc ← INVITE routine		

TP number	IBCF_207_020	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/oth	ner			
Selection criteria	PICS 7.1.1/3 AND (P	ICS 7.2.3/12 OR PICS 7.2.3/1	3) AND PICS 7.2.3/20		
Test Purpose name	Support of REFER w	ith Referred-By header and Re	places header		
Test Purpose	and a Refer-To head present, a REFER re	When the IBCF receives a REFER request in an active session from the other network and a Refer-To header containing a Replaces header and a Referred-By header is present, a REFER request is sent to the own network containing the Refer-To header and Referred-By header as received from the other network.			
SIP Parameter values		REFER: Refer-To: [any URI];method=invite?Replaces=[any dialogue identifier value] Referred-By: [any URI]			
Comments	An active session is a	An active session is already established.			
Message flows	Mx	SUT	lc		
		A session is already established			
	REFER	←	← REFER		
	202 Accepted	→	→ 202 Accepted		
		Apply post test routine			

TP number	IBCF 207 021	Reference	12 [2]			
TSS reference	Entry Point/scr/ss/other	Entry Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND (PICS 7.2.	3/12 OR PICS 7.2.3/13) AND	NOT PICS 7.2.3/20			
Test Purpose name	No support of REFER method	t				
Test Purpose		When the IBCF receives a REFER request in an active session from the other network the IBCF sends a 403 Forbidden or 501 Not implemented unsuccessful final response				
SIP Parameter values	REFER: Refer-To: [any URI];method=invite?Replaces=[any dialogue identifier value] Referred-By: [any URI]					
Comments	An active session is already e	established.				
Message flows	Mx	SUT	lc			
	A	session is already establish	ed			
		←	REFER			
	CASE A	→	405 Method not allowed			
	CASE B	→	500 Server Internal Error			
	CASE C	→	501 Not implemented			
	CASE D	→ Apply post test routine	403 Forbidden			

TP number	IBCF_207_022	Reference	12 [2]			
TSS reference	Entry Point/scr/ss/other					
Selection criteria	PICS 7.1.1/3 AND (PICS 7.2.3)	/12 OR PICS 7.2.3/13) AND F	PICS 7.2.3/20			
Test Purpose name	Support of NOTIFY with 'applic	ation/sipfrag' MIME body				
Test Purpose	When the IBCF receives a NO					
	body is present a NOTIFY is se	ent to the own network and the	e sipfrag MIME body is			
	present as received from the of	ther network.				
SIP Parameter values	NOTIFY:					
	Content-Type: mess	sage/sipfrag				
	SIP/2.0 100 Trying	SIP/2.0 100 Trying				
	or					
	SIP/2.0 200 OK					
Comments	A active session is already esta	ablished and a REFER reques	st was received from the own			
	network					
Message flows	Mx	SUT	lc			
	A session is already established and REFER was sent					
	NOTIFY ←	←	NOTIFY			
	200 OK NOTIFY →	→	200 OK NOTIFY			
		Apply post test routine				

TP number	IBCF_207_023	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/other					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/13				
Test Purpose name	INVITE containing a recipient-	list supported				
Test Purpose		When the IBCF receives an INVITE request from the other network containing a XML recipient-list, ensure that an INVITE request is sent to the own network and the received recipient list is present.				
SIP Parameter values	INVITE: Content-Type: appli xml version="1.0" <resource-lists <li < st> <entry uri="[a</th"><th>cation/resource-lists+xml ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '</th><th></th></entry>	cation/resource-lists+xml ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	· · · · · · · · · · · · · · · · · · ·	INVITE			
	Apply post test routine					

TP number	IBCF_207_024	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/oth	ner				
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.3/13				
Test Purpose name	200 OK INVITE conta	aining a 'isfocus' parameter				
Test Purpose	Contact header conta	When the IBCF receives a 200 OK INVITE final response from the other network and the Contact header contains the 'isfocus' URI parameter, ensure that a 200 OK INVITE is sent to the own network and the 'isfocus' parameter is present in the Contact header field.				
SIP Parameter values	200 OK: Contact: <s< th=""><th>sip:[any URI]>;isfocus</th><th></th></s<>	sip:[any URI]>;isfocus				
Comments						
Message flows	Mx INVITE 200 OK INVITE ACK	SUT ← → Apply post tes	IC ← INVITE → 200 OK INVITE ← ACK t routine			

TP number	IBCF_207_025	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/oth	her			
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.3/13			
Test Purpose name	INVITE containing a '	'isfocus' parameter			
Test Purpose	header contains the 'i	When the IBCF receives an INVITE request from the other network and the Contact header contains the 'isfocus' URI parameter, ensure that an INVITE request is sent to the own network and the 'isfocus' parameter is present in the Contact header field.			
SIP Parameter values	INVITE: Contact: <	sip:[any URI]>;isfocus			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	Apply post test routine				

TP number	IBCF 207 026	Reference	12 [2]			
		Neierence	12 [2]			
TSS reference	Entry_Point/scr/ss/other					
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	13				
Test Purpose name	SUBCRIBE for conference eve	ent package is supported				
Test Purpose	When the IBCF receives a SU	BSCRIBE request from the oth	ner network and a Event			
	header is present set to 'confe	rence', ensure that a SUBSCF	RIBE request is sent to the			
	own network containing the Ev					
SIP Parameter values	SUBSCRIBE:					
	Event: conferen	ce				
Comments						
Message flows	Mx SUT Ic					
_	As	session is already establishe	ed			
	SUBSCRIBE ← SUBSCRIBE					
	202 Accepted → 202 Accepted					
	NOTIFY → NOTIFY					
	200 OK NOTIFY ← 200 OK NOTIFY					
		Apply post test routine				

TP number	IBCF_207_027	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/othe	er				
Selection criteria	PICS 7.1.1/3 AND PIC	PICS 7.1.1/3 AND PICS 7.2.3/13 AND PICS 7.2.3/18				
Test Purpose name		e event package is support				
Test Purpose	When the IBCF receive	When the IBCF receives a NOTIFY request from the own network after the conference				
			info XML MIME body, ensure that			
			erence info XML MIME body is pres	sent		
	as received from the ov	wn network.				
SIP Parameter values	NOTIFY:					
	Event: confe					
		n-State: active				
		on/conference-info+xml:				
		ference-info>				
		ntity=[any URI]				
	<	conference-state>				
		<user-count>2<th>unt></th><th></th></user-count>	unt>			
		<active>true</active>				
	<users></users>					
	<user entity="[any" th="" uri]<=""></user>					
	<pre><endpoint entity="=[any" pre="" uri]<=""></endpoint></pre>					
	<status>connected</status>					
	<pre><joining-method> </joining-method></pre>					
		<media <br="" id="1"><status>send</status></media>	racyclotatus			
		<status serio<="" th=""><th>recv</th></status>	recv			
Comments						
Message flows	Mx	SUT	lc			
		A session is already	- 			
		Conference notification				
	NOTIFY	→	→ NOTIFY			
	200 OK NOTIFY	É	€ 200 OK NOTIFY			
	200 01011111	Apply post test				
		Apply post tost				

TP number	IBCF_207_028	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	14			
Test Purpose name	Support of INVITE containing a	CUG request			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a CUG XML networkIndicator, cugInterlockBinaryCode, cugCommunicationIndicator body, an INVITE is sent to the own network containing the CUG XML body received from the other network.				
SIP Parameter values	Content-Disposition xml version="1.0" cug networkIndicator cugInterlockBina</th <th></th> <th></th>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE ← INVITE				
	Apply post test routine				

TP number	IBCF_207_029	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other	Entry Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/14			
Test Purpose name	Support of INVITE containing a	CUG request			
Test Purpose	When the IBCF receives an INVITE request from the other network containing a CUG XML outgoingAccessRequest, cugIndex body, an INVITE is sent to the own network containing the CUG XML body received from the other network.				
SIP Parameter values	Content-Disposition: xml version="1.0" cug cugCallOperation</th <th>n essRequest>true<</th> <th></th>	n essRequest>true<			
Comments		-			
Message flows	Mx	SUT	lc		
	INVITE ←	←	INVITE		
		Apply post test routine			

TP number	IBCF_207_030	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND ((PICS	7.2.3/14 AND PICS 7.2.3/	21) OR NOT PICS 7.2.3/14)		
Test Purpose name	No support of INVITE cor	ntaining a CUG request			
Test Purpose	networkIndicator, cugInte no agreement to support	When the IBCF receives an INVITE request from the other network containing a CUG XML networkIndicator, cugInterlockBinaryCode, cugCommunicationIndicator body and there is no agreement to support CUG, a 415 Unsupported Media Type final response is sent to the other network to terminate the request.			
SIP Parameter values	Content-Dispo xml version<br cug networkInd cugInterloo	INVITE: Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0"</th			
Comments					
Message flows	Mx	SUT	Ic ← INVITE → 415 Unsupported Media Type ← ACK		

TP number	IBCF 207 031	Reference		12 [2]		
TSS reference	Entry Point/scr/ss/oth	er		, , ,		
Selection criteria	PICS 7.1.1/3 AND PIC	CS 7.2.3/14				
Test Purpose name	Support of 403 final re	sponse				
Test Purpose	INVITE request was s	When the IBCF receives a 403 Forbidden final response from the own network upon an INVITE request was sent to the own network containing a CUG request, ensure that the 403 final response I sent to the other network.				
SIP Parameter values	INVITE: Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0" cug networkIndicator [any value]< cugInterlockBinaryCode>[any value]< cugCommunicationIndicator>11<					
Comments						
Message flows	Mx INVITE 403 Forbidden ACK	SUT ← → ←	← →	Ic INVITE 403 Forbidden ACK		

TP number	IBCF_207_032	Reference	12 [2]		
TSS reference	Entry Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	14			
Test Purpose name	Support of 603 final response				
Test Purpose	When the IBCF receives a 603				
	INVITE request was sent to the	own network containing a Cl	JG request, ensure that the		
	603 final response I sent to the	other network.			
SIP Parameter values	INVITE:				
	Content-Type: application/vnd.etsi.cug+xml Content-Disposition: handling= required xml version="1.0"</th				
	cug networkIndicator>[any value]< cugInterlockBinaryCode>[any value]< cugCommunicationIndicator>11<				
Comments					
Message flows	Mx SUT Ic				
	INVITE	+	INVITE		
	603 Decline →	→	603 Decline		
	ACK ←	+	ACK		

TP number	IBCF_207_033	Reference	12 [2]		
TSS reference	Entry_Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	14			
Test Purpose name	Support of 500 final response				
Test Purpose	When the IBCF receives a 500	Server Internal Error final res	sponse from the own network		
	upon an INVITE request was s	ent to the own network conta	ining a CUG request, ensure		
	that the 500 final response I se	nt to the other network.	-		
SIP Parameter values	INVITE:				
	Content-Type: appli	cation/vnd.etsi.cug+xml			
	Content-Disposition	: handling= required			
	xml version="1.0"</th				
	cug				
	networkIndicator				
	cugInterlockBinaryCode>[any value]<				
	cugCommunicat	ionIndicator>11<			
Comments					
Message flows	Mx SUT Ic				
	INVITE ←	+	INVITE		
	500 Server Internal Error →	→	500 Server Internal Error		
	ACK ←	←	ACK		

TP number	IBCF_207_034	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/oth	her				
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.1/1 AND PICS 7.2.3/15				
Test Purpose name	INVITE containing AC	OC-S info supported				
Test Purpose	When the IBCF receive	When the IBCF receives an INVITE request from the other (home) network and a AOC-S				
	XML MIME body is pr	resent, ensure that an INVITE i	request is sent to the own (visited)			
	network and the AOC	C-S XML body is contained as r	eceived from the other network.			
SIP Parameter values	INVITE:					
	Content-Ty	ype: application/vnd.etsi.aoc+x	ml			
	xml vers</th <th>sion="1.0"</th> <th></th>	sion="1.0"				
	aoc					
	aoc-s					
	cha	charged-items				
		communication-setup				
		basic				
		price-time				
		currency-id				
		currency-amount				
		length-time-unit				
		charging-type				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	Apply post test routine					

TP number	IBCF 207 035	Reference	12 [2]			
TSS reference	Entry Point/scr/ss/other					
		7 0 4 /4 AND DIOC 7 0 0 /4 F				
Selection criteria		7.2.1/1 AND PICS 7.2.3/15				
Test Purpose name	183 containing AOC-S info					
Test Purpose		When the IBCF receives a 183 Session Progress provisional response from the own				
	(home) network and a AO	C-S XML MIME body is pre	sent, ensure that a 183 Session			
	Progress provisional resp	onse is sent to the other (vis	sited) network and the AOC-S XI	ML		
		ived from the own network.	,			
SIP Parameter values	183:					
	Content-Type:	application/vnd.etsi.aoc+xm	nl			
	xml version=</th <th></th> <th></th> <th></th>					
	aoc	aoc				
	aoc-s					
	charged-items					
	_	communication-setup				
	basic					
	~	price-time				
	currency-id					
	l ·					
		currency-amount				
	length-time-unit					
		charging-type				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	(← INVITE			
	183 Session Progress	→	→ 183 Session Progress			
		Apply post test rou				

TP number	IBCF_207_036	Reference	12 [2]			
TSS reference	Entry_Point/scr/ss/oth	ner				
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.1/1 AND PICS 7.2.3/15				
Test Purpose name	180 containing AOC-	S info supported				
Test Purpose		When the IBCF receives a 180 Ringing provisional response from the own (home) network and a AOC-S XML MIME body is present, ensure that a 180 Ringing provisional				
		e other (visited) network and the	ne AOC-S XML body is contained as			
SIP Parameter values	180:					
	Content-Ty	pe: application/vnd.etsi.aoc+x	ml			
	xml vers</th <th>sion="1.0"</th> <th></th>	sion="1.0"				
	aoc					
	aoc-s					
	cha	charged-items				
		communication-setup				
	basic					
	price-time					
	currency-id					
		currency-amount				
		length-time-unit				
	charging-type					
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	← INVITE			
	180 Ringing → 180 Ringing					
		Apply post test routine				

TP number	IBCF 207 037	Reference	12 [2]			
TSS reference	Entry Point/scr/ss/other	•	• •			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1	/1 AND PICS 7.2.3/15				
Test Purpose name	200 OK INVITE containing A	OC-S info supported				
Test Purpose	When the IBCF receives a 200 OK INVITE final response from the own (home) network					
	and a AOC-S XML MIME body is present, ensure that a 200 OK INVITE final response is					
	sent to the other (visited) net	sent to the other (visited) network and the AOC-S XML body is contained as received				
	from the own network.					
SIP Parameter values	200 OK:					
		lication/vnd.etsi.aoc+xml				
	xml version="1.0</th <th>)"</th> <th></th>)"				
	aoc					
	aoc-s					
		charged-items				
	communication-setup					
	basic					
	price-time					
	currency-id					
		currency-amount				
		length-time-unit				
0		charging-type				
Comments		OUT				
Message flows	Mx SUT Ic					
	INVITE	=	INVITE			
	180 Ringing		180 Ringing			
	200 OK INVITE → 200 OK INVITE					
		Apply post test routine				

TP number	IBCF_207_038	Reference	12 [2]		
TSS reference	Entry Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/15			
Test Purpose name	INFO containing AOC-D info s	upported			
Test Purpose	When the IBCF receives a INF	O request from the own (hom	e) network and a AOC-D		
	XML MIME body is present, er	sure that a INFO request is so	ent to the other (visited)		
	network and the AOC-D XML b	ody is contained as received	from the own network.		
SIP Parameter values	INFO:				
	Content-Type: appli	cation/vnd.etsi.aoc+xml			
	xml version="1.0"</th <th></th> <th></th>				
	aoc				
	aoc-d				
	charging-info				
	recorded-charges				
	recorded-	currency-units			
	currency-id				
	currency-amount				
Comments					
Message flows	Mx	SUT	lc		
	A session is already established				
	INFO →	→	INFO		
	200 OK INFO ←	←	200 OK INFO		
		Apply post test routine			

TP number	IBCF 207 039	Reference	12 [2]	
TSS reference	Entry Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/15		
Test Purpose name	BYE containing AOC-E info su	pported		
Test Purpose	When the IBCF receives a BYE request from the own (home) network containing a AOC-E XML MIME body is present, ensure that the BYE request sent to the other (visited) contains the AOC-D XML MIME body as received from the own network.			
SIP Parameter values	BYE:			
	xml version="1.0"<br aoc aoc-e recorded-cha recorded curre	arges -currency-units		
Comments		-		
Message flows	Mx	SUT	Ic	
	A session is already established			
	BYE →	· →	BYE	
	200 OK BYE ←	+	200 OK BYE	

TP number	IBCF_207_040	Reference	12 [2]		
TSS reference	Entry Point/scr/ss/other				
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.1/	1 AND PICS 7.2.3/15			
Test Purpose name	200 OK BYE containing AOC-I	E info supported			
Test Purpose	When the IBCF receives a 200	OK BYE response from the	own (home) network		
_	containing a AOC-E XML MIM	E body is present, ensure tha	t the 200 OK BYE response		
	sent to the other (visited) conta	ins the AOC-D XML MIME be	ody as received from the own		
	network.		,		
SIP Parameter values	200 OK BYE:				
	Content-Type: application/vnd.etsi.aoc+xml				
	xml version="1.0"</th				
	aoc				
	aoc-e				
	recorded-charges				
	recorded-currency-units				
	currency-id				
		ncy-amount			
Comments	Curren	icy-amount			
Message flows	Mx	SUT	lc		
	A session is already established				
	BYE ←	+	BYE		
	200 OK BYE →	→	200 OK BYE		

TP number	IBCF_207_041	Reference	12 [2]	
TSS reference	Entry_Point/scr/ss/otl	her		
Selection criteria	PICS 7.1.1/3 AND PI	CS 7.2.3/16		
Test Purpose name	INVITE containing the	e capability for network chargi	ng is supported	
Test Purpose	When the IBCF receives an INVITE request from the other (visited) network and the Accept header is set to 'application/vnd.etsi.sci+xml' ensure that an INVITE is sent to the own (home) network containing the Accept header as received from the other network.			
SIP Parameter values	INVITE: Accept: application/vnd.etsi.sci+xml			
Comments				
Message flows	Mx SUT Ic INVITE ← INVITE Apply post test routine			

TP number	IBCF_207_042	Reference	12 [3]
TSS reference	Entry_Point/scr/ss/other		
Selection criteria	PICS 7.1.1/3 AND PICS	7.2.3/16	
Test Purpose name	The response code 504 is	s supported	
Test Purpose	When the IBCF receives ensure that the 504 Serve		inal response from the own network, e other network.
SIP Parameter values			
Comments			
Message flows	Mx INVITE 504 Server Time-out ACK	SUT ← →	Ic ← INVITE → 504 Server Time-out ← ACK

TP number	IBCF 207 043 Reference 12 [2]
TSS reference	Entry Point/scr/ss/other
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16
Test Purpose name	183 containing a 'crgt' XML element is supported
Test Purpose	When the IBCF receives a 183 Session Progress provisional response from the own network and a 'sci' XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 183 Session Progress to the other
SIP Parameter values	network. Content-Type: application/vnd.etsi.sci+xml Content-Disposition: render; handling=optional xml version="1.0" messageType crgt chargingControlIndicators immediateChangeOfActuallyAppliedTariff delayUntilStart tariffCurrency currentTariffCurrency communicationChargeSequenceCurrency currencyFactor currencyScale tariffDuration subTariffControl tariffControlIndicators callAttemptChargeCurrency currencyFactor currencyScale callSetupChargeCurrency currencyFactor currencyFactor</th
	currencyFactor currencyScale tariffSwitchOverTime
	originationIdentification currency
Comments	
Message flows	Mx SUT Ic
	INVITE 183 Session Progress PRACK 200 OK PRACK Apply post test routine HINVITE 183 Session Progress PRACK PRACK 200 OK PRACK Apply post test routine

TSS reference E Selection criteria P Test Purpose name 1 Test Purpose W 's X	intry_Point/scr/ss/other PICS 7.1.1/3 AND PICS 7.2.3/1 80 containing a 'crgt' XML eler When the IBCF receives a 180 sci' XML MIME body is present (ML MIME body is contained in 80: Content-Type: applic Content-Disposition: xml version="1.0" messageType crgt</th <th>ment is supported Ringing provisional response containing 'crgt' element, ens</th> <th>sure that the received 'crgt'</th>	ment is supported Ringing provisional response containing 'crgt' element, ens	sure that the received 'crgt'
Selection criteria P Test Purpose name 1 Test Purpose W 's X	PICS 7.1.1/3 AND PICS 7.2.3/1 80 containing a 'crgt' XML eler When the IBCF receives a 180 sci' XML MIME body is present (ML MIME body is contained in 80: Content-Type: applic Content-Disposition: xml version="1.0" messageType crgt</th <th>ment is supported Ringing provisional response containing 'crgt' element, end the sent 180 Ringing to the desiration/vnd.etsi.sci+xml</th> <th>sure that the received 'crgt'</th>	ment is supported Ringing provisional response containing 'crgt' element, end the sent 180 Ringing to the desiration/vnd.etsi.sci+xml	sure that the received 'crgt'
Test Purpose name 1: Test Purpose W 's X	80 containing a 'crgt' XML eler When the IBCF receives a 180 sci' XML MIME body is present ML MIME body is contained in 80: Content-Type: applic Content-Disposition: xml version="1.0" messageType crgt</th <th>ment is supported Ringing provisional response containing 'crgt' element, end the sent 180 Ringing to the desiration/vnd.etsi.sci+xml</th> <th>sure that the received 'crgt'</th>	ment is supported Ringing provisional response containing 'crgt' element, end the sent 180 Ringing to the desiration/vnd.etsi.sci+xml	sure that the received 'crgt'
Test Purpose W's X	When the IBCF receives a 180 sci' XML MIME body is present tML MIME body is contained in 80: Content-Type: applic Content-Disposition: xml version="1.0" messageType crgt</th <th>Ringing provisional response containing 'crgt' element, end the sent 180 Ringing to the cation/vnd.etsi.sci+xml</th> <th>sure that the received 'crgt'</th>	Ringing provisional response containing 'crgt' element, end the sent 180 Ringing to the cation/vnd.etsi.sci+xml	sure that the received 'crgt'
SIP Parameter values	Content-Type: applic Content-Disposition: xml version="1.0"<br messageType crgt		
	Content-Disposition: xml version="1.0" messageType crgt</th <th></th> <th></th>		
	immediate delayUntil tariffCurrency currentTar commodiate currentTar currentTar sub tariffCor callAttr currentTar currentTar sub tariffCor callAttr currentTar	riffCurrency unicationChargeSequenceCurrencyFactorScale currencyScale iffDuration oTariffControl ontrolIndicators emptChargeCurrency rencyFactor rencyScale tupChargeCurrency rencyFactor rencyScale tupChargeCurrency rencyFactor rencyFactor rencyScale hCurrency uriffCurrency municationChargeSequence currencyFactor currencyFactor currencyFactor currencyScale tariffDuration subTariffControl	rrency
	tariffControlIndicators callAttemptChargeCurrency currencyFactor		
		currencyScale ISetupChargeCurrency currencyFactor currencyScale witchOverTime ntification	
Comments			
1. P	Mx NVITE ← 80 Ringing → PRACK ← 00 OK PRACK →	SUT ← → Apply post test routine	Ic INVITE 180 Ringing PRACK 200 OK PRACK

TP number	IBCF 207 045 Reference 12 [2]			
TSS reference	Entry Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16			
Test Purpose name	200 OK containing a 'crgt' XML element is supported			
Test Purpose	When the IBCF receives a 200 OK INVITE final response from the own network and a 'sci' XML MIME body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is contained in the sent 200 OK INVITE to the other network.			
SIP Parameter values	200 OK:			
	Content-Type: application/vnd.etsi.sci+xml			
	Content-Disposition: render; handling=optional			
	xml version="1.0"</th			
	messageType			
	crgt			
	chargingControlIndicators			
	immediateChangeOfActuallyAppliedTariff			
	delayUntilStart			
	tariffCurrency			
	currentTariffCurrency			
	communicationChargeSequenceCurrency			
	currencyFactorScale			
	currencyFactor			
	currencyScale tariffDuration			
	subTariffControl tariffControllndicators callAttemptChargeCurrency			
	currencyFactor			
	currencyScale			
	callSetupChargeCurrency			
	currencyFactor			
	currencyScale			
	tariffSwitchCurrency			
	nextTariffCurrency			
	communicationChargeSequenceCurrency			
	currencyFactorScale			
	currencyFactor			
	currencyScale			
	tariffDuration			
	subTariffControl tariffControlIndicators			
	callAttemptChargeCurrency currencyFactor currencyScale			
	callSetupChargeCurrency			
	currencyFactor			
	currencyScale			
	tariffSwitchOverTime			
	originationIdentification			
	currency			
Comments				
Message flows	Mx SUT IC			
	INVITE			
	180 Ringing → 180 Ringing			
	200 OK INVITE → 200 OK INVITE			
	Apply post test routine			

TP number	BCF 207 046 Reference 12 [2]			
TSS reference	Entry_Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16			
Test Purpose name	BYE containing a 'crgt' XML element is supported			
Test Purpose	When the IBCF receives a BYE request from the own network and a 'sci' XML MIME body			
-	is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body is			
	contained in the sent BYE request to the other network.			
SIP Parameter values	BYE:			
	Content-Type: application/vnd.etsi.sci+xml			
	Content-Disposition: render; handling=optional			
	xml version="1.0"</th			
	messageType			
	crgt			
	chargingControlIndicators			
	immediateChangeOfActuallyAppliedTariff			
	delayUntilStart			
	tariffCurrency			
	currentTariffCurrency			
	communicationChargeSequenceCurrency			
	currencyFactorScale			
	currencyFactor			
	currencyScale			
	tariffDuration			
	subTariffControl			
	tariffControlIndicators			
	callAttemptChargeCurrency			
	currencyFactor			
	currencyScale			
	callSetupChargeCurrency			
	currencyFactor			
	currencyScale			
	tariffSwitchCurrency			
	nextTariffCurrency			
	communicationChargeSequenceCurrency currencyFactorScale			
	currencyFactor			
	currencyScale			
	tariffDuration			
	subTariffControl			
	tariffControlIndicators			
	callAttemptChargeCurrency			
	currencyFactor			
	currencyScale			
	callSetupChargeCurrency			
	currencyFactor			
	currencyScale			
	tariffSwitchOverTime			
	originationIdentification			
	currency			
Comments				
Message flows	Mx SUT Ic			
	A session is already established			
	BYE → BYE			
1	200 OK BYE ← 200 OK BYE			

TP number	IBCF 207 047 Reference 12 [2]			
TSS reference	Entry Point/scr/ss/other			
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/16			
Test Purpose name	INFO containing a 'crgt' XML element is supported			
Test Purpose	When the IBCF receives an INFO request from the own network and a 'sci' XML MIME			
l cot i di poss	body is present containing 'crgt' element, ensure that the received 'crgt' XML MIME body			
	is contained in the sent INFO request to the other network.			
SIP Parameter values	INFO:			
	Content-Type: application/vnd.etsi.sci+xml			
	Content-Disposition: render; handling=optional			
	<pre><?xml version="1.0"</pre></pre>			
	messageType			
	crgt			
	chargingControlIndicators			
	immediateChangeOfActuallyAppliedTariff			
	delayUntilStart			
	tariffCurrency			
	currentTariffCurrency			
	communicationChargeSequenceCurrency			
	currencyFactorScale			
	currencyFactor			
	currencyScale			
	tariffDuration			
	subTariffControl			
	tariffControlIndicators			
	callAttemptChargeCurrency			
	currencyFactor			
	currencyScale			
	callSetupChargeCurrency			
	currencyFactor currencyScale			
	tariffSwitchCurrency			
	nextTariffCurrency			
	communicationChargeSequenceCurrency currencyFactorScale currencyFactor currencyScale tariffDuration subTariffControl			
	tariffControlIndicators			
	callAttemptChargeCurrency currencyFactor currencyScale			
	callSetupChargeCurrency			
	currencyFactor			
	currencyScale			
	tariffSwitchOverTime			
	originationIdentification			
	currency			
Comments				
Message flows	Mx SUT Ic			
	A session is already established			
	INFO → INFO			
	200 OK INFO ← 200 OK INFO			
	Apply post test routine			

TP number	IBCF_207_048	Reference	12 [2]	
TSS reference	Entry_Point/scr/ss/other		·	
Selection criteria	PICS 7.1.1/3 AND PICS 7.2.3/	16		
Test Purpose name	INFO containing a 'aocrg' XML	element is supported		
Test Purpose	When the IBCF receives an INFO request from the own network and a 'sci' XML MIME			
	body is present containing 'aod	erg' element, ensure that the r	eceived 'aocrg' XML MIME	
	body is contained in the sent II	NFO request to the other netw	vork.	
SIP Parameter values	INFO:			
	Content-Type: appli	cation/vnd.etsi.sci+xml		
	Content-Disposition	: render; handling=optional		
	xml version="1.0"</th <th>•</th> <th></th>	•		
	messageType			
	aocrg			
	chargingControlIndicators			
	immediateChangeOfActuallyAppliedTariff			
	delayUntilStart			
	addOnCharge			
	addOnChargeCurrency			
	currencyFactorScale			
		ırrencyFactor		
		ırrencyScale		
	originationId	entification		
	currency			
Comments			_	
Message flows	Mx	SUT	lc .	
		session is already establish		
	INFO -		INFO	
	200 OK INFO ←	-	200 OK INFO	
		Apply post test routine		

6.2.4 Network configuration hiding

6.2.4.1 Registration

TP number	IBCF_208_001	Reference	5.10.4.2 [1]		
TSS reference	Entry_Point/nch/reg	Entry Point/nch/reg			
Selection criteria	PICS 7.2.1/1 AND PICS 7.1.1	/1			
Test Purpose name	Encryption of service-Route h	Encryption of service-Route header field			
Test Purpose	previously received REGISTE	When an IBCF receives SIP 200 OK REGISTER response from within its own network to previously received REGISTER request from the other network, it shall encrypt the all Service-Route header fields (values) identifying the own network entities.			
SIP Parameter values	200 OK 2: Service-Route: sip:	200 OK 1: Service-Route: <sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr 200 OK 2: Service-Route: sip:Token(<sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr), tokenized-by=[any host]</sip:[any></sip:[any></sip:[any></sip:[any>			
Comments	The service route values are contained in one Service-Route header or for each value a header field exists				
Message flows	Mx REGISTER ← 200 OK REGISTER 1	· -	IC REGISTER 200 OK REGISTER 2		

6.2.4.2 Basic call requirements

TP number	IBCF_209_001	Reference	5.10.3.2 3), 5.10.4 [1]		
TSS reference	Entry_Point/nch/bcall				
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Encrypt all Record-Route hea	ders in the 180 Ringing			
Test Purpose	When an IBCF receives a SIF	receives a SIP 180 Ringing	response from the own		
	network upon a SIP INVITE re	equest from a trusted domain	outside its own network it shall		
	encrypted all Record-Route	headers prior to forwarding th	e response.		
SIP Parameter values		180 1: Record-Route: <sip:[any 1]="" uri="">;lr, <sip:[any 2]="" uri="">;lr</sip:[any></sip:[any>			
	180 2: Record-Route: sip:Token(<sip:[any 1]="" uri="">;lr), tokenized-by=[any host],</sip:[any>				
	<sip:[any 2]="" uri="">;Ir</sip:[any>				
Comments	any URI 1 is the address of an entity in the own network				
	any URI 2 is the address of an entity in the other network				
Message flows	Mx	Mx SUT Ic			
	INVITE	- +	INVITE		
	180 Ringing 1	→	180 Ringing 2		
		Apply post test routine			

TP number	IBCF_209_002	Reference	5.10.3.2 3), 5.10.4 [1]	
TSS reference	Entry_Point/nch/bcall			
Selection criteria	PICS 7.1.1/1			
Test Purpose name	Encrypt all Record-Route head	ders in the 200 OK		
Test Purpose	When an IBCF receives a SIP	receives a SIP 200 OK respon	nse from the own network	
	upon a SIP INVITE request fro			
	encrypted all Record-Route	headers prior to forwarding the	e response.	
SIP Parameter values	200 OK 1: Record-Route: <sip< th=""><th>:[any URI 1]>;Ir, <sip:[any th="" uri<=""><th>2]>;lr</th></sip:[any></th></sip<>	:[any URI 1]>;Ir, <sip:[any th="" uri<=""><th>2]>;lr</th></sip:[any>	2]>;lr	
	200 OK 2: Record-Route: sip:	Foken(<sip:[any 1]="" uri="">;lr), toł</sip:[any>	kenized-by=[any host],	
	<:	<sip:[any 2]="" uri="">;Ir</sip:[any>		
Comments		any URI 1 is the address of an entity in the own network		
	any URI 2 is the address of an entity in the other network			
Message flows	Mx	SUT	lc	
	INVITE ←	·	INVITE	
	180 Ringing → 180 Ringing			
	200 OK INVITE1 → 200 OK INVITE2			
	ACK ← ACK			
		Apply post test routine		

TP number	IBCF_209_003	Reference	5.10.3.2 3), 5.10.4 [1]		
TSS reference	Entry_Point/nch/bcall				
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Decrypt all Route hea	aders in the ACK			
Test Purpose	domain outside its ov	When an IBCF receives a SIP ACK request upon a SIP INVITE request from a trusted domain outside its own network was received, it shall decrypted all Route headers prior to forwarding the response.			
SIP Parameter values	ACK 1: Route: <sip:[uri ibcf]="" of="">;lr, sip:Token(<sip:[any 1]="" uri="">;lr), tokenized-by=[any host], ACK 2: Route: <sip:[any 1]="" uri="">;lr</sip:[any></sip:[any></sip:[uri>				
Comments	any URI 1 is the add	any URI 1 is the address of an entity in the own network			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE ACK 2	SUT ← → → Apply post test r	Ic ← INVITE → 180 Ringing → 200 OK INVITE ← ACK 1		

TP number	IBCF_209_004	Reference	5.10.3.2 3), 5.10.4 [1]		
TSS reference	Entry_Point/nch/bca	ll .	·		
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Decrypt the received	Route header in the BYE			
Test Purpose		When an IBCF receives a SIP BYE request from outside its own network subsequent to an initial request, then it shall decrypt any headers prior to forwarding the request to the UF.			
SIP Parameter values		tokenized-by=[any host],			
Comments	TP IMST2 IC SUB				
Message flows	Mx	SUT	Ic		
		A confirmed dialogue is already established			
	BYE 2	←	← BYE 1		
	200 OK BYE	→	→ 200 OK BYE		

TP number	IBCF 209 005	Reference	5.10.3.2 3), 5.10.4 [1]	
TSS reference	Entry_Point/nch/bcall			
Selection criteria	PICS 7.1.1/1			
Test Purpose name	Decrypt the received Route he	ader in the CANCEL		
Test Purpose	When an IBCF receives a SIP CANCEL request from outside its own network subsequent to an initial request, then it shall decrypt any headers prior to forwarding the request to the UE.			
SIP Parameter values	CANCEL 1: Route: <sip:[uri ibcf]="" of="">;lr, sip:Token(<sip:[any 1]="" uri="">;lr), tokenized-by=[any host], CANCEL 2: Route: <sip:[any 1]="" uri="">;lr</sip:[any></sip:[any></sip:[uri>			
Comments		•		
Message flows	Mx SUT Ic An early dialogue is already established			
	CANCEL 2 ← CANCEL 1 200 OK CANCEL → 200 OK CANCEL Apply post test routine			

TP number	IBCF 209 006	Reference	5.10.3.3 4), 5.10.4 [1]		
TSS reference	Entry_Point/nch/bcall	•			
Selection criteria	PICS 7.1.1/1				
Test Purpose name	Decrypt the received F	Route header in a subsequen	t INVITE request		
Test Purpose		When an IBCF receives a target refresh request from outside its own network subsequent to an initial request it shall decrypt all headers before forwarding it to the UE.			
SIP Parameter values	INVITE1: Route: <sip:[uri ibcf]="" of="">;lr, sip:Token(<sip:[any 1]="" uri="">;lr), tokenized-by=[any host], INVITE2: Route: <sip:[any 1]="" uri="">;lr</sip:[any></sip:[any></sip:[uri>				
Comments	TP_IMST2_IC_TAR_0)2			
Message flows	Mx	SUT	lc		
	A confirmed dialogue is already established				
	INVITE2 ← INVITE1				
	Apply post test routine				

6.2.5 Application level gateway

6.2.5.1 Treatment of SIP signalling

TP number	IBCF_210_001	Reference	5.10.5 [1],	
			16.3 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	URI scheme in INVTE	unknown		
Test Purpose		Ensure that the IUT on receipt of an INVITE request from the other network with a		
		heme that it does not unde orted URI Scheme) request	rstand, sends an Unsupported URI failure response.	
SIP Parameter values	INVITE: Request line	got:[any URI]		
Comments				
Message flows	Mx	SUT	lc	
			← INVITE	
			→ 416 Unsupported URI Scheme	
			← ACK	

TP number	IBCF_210_002	Reference	5.10.5 [1],
			16.3 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards set to 0	in INVITE received	
Test Purpose			est from the other network including a nops (483 Too many hops) request
SIP Parameter values	INVITE: Max-Forwar	ds: 0	
Comments			
Message flows	Mx	SUT	Ic ← INVITE → 483 Too many hops ← ACK

TP number	IBCF 210 003	Reference	5.10.5 [1],	
			16.6 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Max-Forwards header	decreased by one in INV	/ITE	
Test Purpose	Ensure that the IBCF on receipt of an INVITE request from the other network including a Max-Forwards header set to 5, forwards it to the own network after having decreasing this counter of one.			
SIP Parameter values	INVITE1: Max-Forwards: 5 INVITE2: Max-Forwards: 4			
Comments				
Message flows	Mx	SUT	lc	
_	INVITE2			

TP number	IBCF_210_004	Reference	5.10.5 [1],
			16.6 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards header	not received in INVITE	
Test Purpose		forwards it to the own netwo	est from the other network without a ork after having added a Max-Forwards
SIP Parameter values	INVITE1: INVITE2: Max-Forwai	rds: 70	
Comments			
Message flows	Mx	SUT	lc
_	INVITE2	← Apply post test re	← INVITE1 putine

TP number	IBCF_210_007	Reference	5.10.5 [1], 16.6 [19]	
TSS reference	Entry Point/alg/sip	l .		
Selection criteria	PICS 7.1.1/2			
Test Purpose name	URI scheme in CAN	ICEL unknown		
Test Purpose	Ensure that the IBCF on receipt of a CANCEL request from the other network with a Request-URI with a scheme that it does not understand, sends a Unsupported URI Scheme (416 Unsupported URI Scheme) request failure response.			
SIP Parameter values	CANCEL: Request	line got:[any URI]		
Comments				
Message flows	Mx INVITE 180 Ringing	SUT ← →	Ic ← INVITE → 180 Ringing ← CANCEL → 416 Unsupported URI Scheme test routine	

TP number	IBCF_210_008	Reference	5.10.5 [1],
			16.6 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards set to 0	in CANCEL received	
Test Purpose			uest from the other network including a hops (483 Too many hops) request
SIP Parameter values	CANCEL: Max-Forwar	ds: 0	
Comments			
Message flows	Mx INVITE 180 Ringing	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing ← CANCEL → 483 Too many hops outine

TP number	IBCF 210 009	Reference	5.10.5 [1],
			16.6 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards header	not received in CANCEL	
Test Purpose		, forwards it to the own netwo	est from the other network, without a ork after having added a Max-Forwards
SIP Parameter values	CANCEL 1: CANCEL 2: Max-Forwar	rds: 70	
Comments			
Message flows	Mx INVITE 180 Ringing CANCEL 2	SUT ← → ← Apply post test re	Ic ← INVITE → 180 Ringing ← CANCEL 1 putine

TP number	IBCF_210_010	Reference	5.10.5 [1],
			16.6 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	URI scheme in Bye un	known	
Test Purpose	Ensure that the IBCF on receipt of a BYE request from the other network with a Request-URI with a scheme that it does not understand, sends an Unsupported URI Scheme (416 Unsupported URI Scheme) request failure response to the other network.		
SIP Parameter values	BYE: Request line go	ot:[any URI]	
Comments			
Message flows	Mx	SUT	Ic
	A session is already established		
			← BYE
			→ 416 Unsupported URI Scheme
	Apply post test routine		

TP number	IBCF_210_011	Reference	5.10.5 [1],		
			16.6 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Max-Forwards set to 0	in BYE received			
Test Purpose	Ensure that the IBCF on receipt of a BYE request from the own network in				
	Max-Forwards header	Max-Forwards header set to 0, sends a Too many hops (483 Too many hops) request			
	failure response to the	own network.			
SIP Parameter values	BYE:				
	Max-Forwar	ds: 0			
Comments					
Message flows	Mx	SUT	Ic		
	A session is already established				
		-	← BYE		
			→ 483 Too many hops		
		Apply post test ro	• •		

TP number	IBCF_210_012	Reference	5.10.5 [1],	
			16.6 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Max-Forwards header decreas	sed by one in BYE		
Test Purpose	Ensure that the IBCF on receip Max-Forwards header set to 5 counter of one.			
SIP Parameter values	BYE 1: Max-Forwards: 5 BYE 1: Max-Forwards: 4			
Comments				
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE 2 ←	+	BYE 1	
		Apply post test routine		

TP number	IBCF 210 013	Reference	5.10.5 [1],
			16.6 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Max-Forwards header not rece	eived in BYE	
Test Purpose	Ensure that the IBCF on receip		
	Max-Forwards header, forward	ds it to the own network after h	aving added a Max-Forwards
	header with the value set to 70).	
SIP Parameter values	BYE 1:		
	BYE 2:		
	Max-Forwards: 70		
Comments			
Message flows	Mx	SUT	Ic
_	A session is already established		
	BYE 2	·	BYE 1
		Apply post test routine	

TP number	IBCF 210 014	Reference	5.10.5 [1],	
			16.6, 19.1.1 [19]	
TSS reference	Entry_Point/alg/sip	•		
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Not allowed Request li	ne URI parameter in INVITE		
Test Purpose	Ensure that the IBCF on receipt of an INVITE request from the other network with the Request-URI containing a not allowed parameter, removes or ignore this parameter from the Request-URI before forwarding that message to the other network.			
SIP Parameter values	INVITE1: Request line [URI] ;UnsupportedToken=UnsupportedValue INVITE2: Request line [URI] Or INVITE2: Request line [URI] ;UnsupportedToken=UnsupportedValue			
Comments				
Message flows	Mx	SUT	lc	
	INVITE2	←	← INVITE1	
	Apply post test routine			

TP number	IBCF 210 016	Reference	5.10.5 [1],
			16.6, 19.1.1 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Not allowed Request line URI	parameter in CANCEL	
Test Purpose	Ensure that the IBCF on receip		
	Request-URI containing a not a		
	the Request-URI before forwar	ding that message to the own	network.
SIP Parameter values	CANCEL 1: Request line [UF	RI] ;UnsupportedToken=Unsup	portedValue
	CANCEL 2: Request line [UF	રા]	
	Or		
	CANCEL 2: Request line [URI] ;UnsupportedToken=UnsupportedValue		
Comments			
Message flows	Mx	SUT	lc
	INVITE ←	(INVITE
	180 Ringing →	→	180 Ringing
	CANCEL 2	←	CANCEL 1
		Apply post test routine	

TP number	IBCF 210 017	Reference	5.10.5 [1],	
			16.6, 19.1.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Not allowed Request line URI	parameter in BYE		
Test Purpose	Ensure that the IBCF on recei	pt of a BYE request from the o	ther network with the	
	Request-URI containing a not the Request-URI before forwa			
SIP Parameter values	BYE 1:Request line [URI] ;UnsupportedToken=UnsupportedValue BYE 2:Request line [URI] Or			
Comments	BYE 2:Request line [URI] ;Uns	supported roken=Orisupported	rvalue	
Message flows	Mx	SUT	lc	
	A session is already established			
	BYE 2 €	· · · · · ·	BYE 1	
		Apply post test routine		

TP number	IBCF_210_018	Reference	5.10.5 [1],		
			16.6 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	200 OK does not ma	atch an existing transaction			
Test Purpose	Ensure that the IBCF, on receipt of a Success (200 OK INVITE) response from the own network that does not match to an existing client transaction with a single Via header, does not forward the message.				
SIP Parameter values	200 OK INVITE: Cs	seq: [any value] NOTIFY			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
	200 OK	→			
		Apply post tes	st routine		

TP number	IBCF_210_019	Reference	5.10.5 [1],
			17.1.1.2 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	The transaction enter	s in the Proceeding state whe	n 100 was received
Test Purpose		g) response from the own net	action is in the Calling state, on receipt work enters in the Proceeding state.
SIP Parameter values			
Comments			
Message flows	Mx INVITE 100 Trying	SUT ← →	ic ← INVITE
		Apply post test re	outine

TP number	IBCF 210 020	Reference	5.10.5 [1],
			17.1.1.2 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	The transaction enters in t	he Proceeding state who	en 183 was received
Test Purpose		3 Session Progress) res	action is in the Calling state, on receipt ponse from the own network enters in
SIP Parameter values		•	
Comments			
Message flows	Mx INVITE 183 Session Progress	SUT ← →	Ic ← INVITE → 183 Session Progress
		Apply post test	outine

TP number	IBCF 210 021	Reference	5.10.5 [1],	
			17.1.1.2 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	The transaction enter	s in the Proceeding state wh	en 180 was received	
Test Purpose		ging) response from the ow	saction is in the Calling state, on receipt network enters in the Proceeding state.	
SIP Parameter values				
Comments				
Message flows	Mx INVITE 180 Ringing	SUT ← →	lc ← INVITE → 180 Ringing	
	Apply post test routine			

TP number	IBCF 210 022	Reference	5.10.5 [1],		
			17.1.1.1 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS	S 7.2.4/7			
Test Purpose name	UDP Timeout timer A tl	he INVITE is repeated			
Test Purpose	If an unreliable transport (UDP) is used, ensure that the IBCF, when an INVITE client transaction is in the Calling state repeats its INVITE request to the own network on the timeout condition of timer A set with a value of T1.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	INVITE INVITE	← Start A (T1)← Timeout A	← INVITE		
	Apply post test routine				

TP number	IBCF_210_023		Reference		5.10.5 [1],	
					17.1.1.1 [1	l 9]
TSS reference	Entry_Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PIC	S 7.2.4/8				
Test Purpose name	TCP Timeout timer A t	he INVIT	E is not repeated			
Test Purpose	If a reliable transport (TCP) is u	sed, ensure that th	e IBCF, w	hen an INVI	ITE client
-	transaction is in the Ca	alling state	e does not repeat i	ts INVITE	request to t	he own network
	on the timeout condition	on of time	r A set with a value	of T1.	•	
SIP Parameter values						
Comments						
Message flows	Mx		SUT			Ic
	INVITE	←	Start A (T1)	←	INVITE	
			Timeout A			
	Apply post test routine					

TP number	IBCF_210_024	Reference	5.10.5 [1],			
			17.1.1.1 [19]			
TSS reference	Entry_Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/7				
Test Purpose name	UDP Second timeout timer A	the INVITE is repeated				
Test Purpose	transaction is in the Calling sta	If an unreliable transport (UDP) is used, ensure that the IBCF, when an INVITE client transaction is in the Calling state having already repeated its INVITE to the own network wait for a timer A set with a value of 2*T1 before sending it again.				
SIP Parameter values						
Comments						
Message flows	Mx INVITE €	SUT · ←	Ic INVITE			
	INVITE	- Start A (2*T1)				
	INVITE	 Timeout A Apply post test routine 				

TP number	IBCF_210_025	Reference	5.10.5 [1], 17.1.1.1 [19]		
TSS reference	Entry Point/alg/sip		17.1.1.1 [13]		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	7			
Test Purpose name	UDP Third timeout timer A the	INVITE is repeated			
Test Purpose	If an unreliable transport (UDP) is used, ensure that the IBCF, when an INVITE client transaction is in the Calling state retransmits its INVITE request to the own network with intervals that double after each transmission.				
SIP Parameter values					
Comments					
Message flows	INVITE INVITE INVITE	Start A (4*T1)	Ic INVITE		
		Apply post test routine			

TP number	IBCF_210_026	Reference	5.10.5 [1],		
			17.1.1.1 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2	2.4/7			
Test Purpose name	UDP: No ACK is sent after	timeout timer B			
Test Purpose	Ensure that the IBCF, wher	n an INVITE client transa	action is in the Calling state, when		
	timer B set to a value of 64 send an ACK to the own ne		he transaction terminated and does not		
SIP Parameter values	Scha an Aort to the own he	twork.			
Comments	After timeout timer B the IN	VITE is not retransmitte	ed and no ACK is sent		
Message flows	Mx	SUT	lc		
	INVITE	← Start B (64*T1)	← INVITE		
	INVITE	(
	INVITE	←			
	Timeout B				
	Apply post test routine				

TP number	IBCF_110_026A	F	Reference		5.10.5 [1], 16.6-11 [19]
TSS reference	Exit_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Proceeding state Timeout t	imer	С		
Test Purpose		300 s	econds expires, cons	siders tl	n the Proceeding state, when ne transaction is terminated ne-out is sent to the other
SIP Parameter values					
Comments					
Message flows	Mx INVITE 180 Ringing	←	SUT Start C (>300 s)	← →	Ic INVITE 180 Ringing
	CANCEL 200 OK CANCEL 487 Request Terminated ACK	← → ←	Timeout B	→	504 Server time-out ACK

TP number	IBCF_210_027	Reference	5.10.5 [1], 17.1.1.1 [19]			
TSS reference	Entry Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	7				
Test Purpose name	UDP: ACK is retransmitted unt	til timeout timer D				
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when an INVITE client transaction is in the Completed state, on receipt of an unsuccessful final response from the other network that matches the transaction, repeats its ACK request until timer D set to at least 32 second expires.					
SIP Parameter values						
Comments						
Message flows	Mx INVITE [any unsuccessful final respon ACK [any unsuccessful final respon ACK [any unsuccessful final respon ACK	← Start timer D	Ic ← INVITE → [any final response] ← ACK			
	[any unsuccessful final respon	-				
		Apply post test routine				

TP number	IBCF_210_028	Reference	е		5.10.5 [1], 17.1.1.1 [19]
TSS reference	Entry Point/alg/sip				[17.1.1.1 [19]
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/8	8			
Test Purpose name	TCP: ACK is retransmitted unti	il timeout t	imer D		
Test Purpose	If a reliable transport is used, ensure that the IBCF, when an INVITE client transaction is in the Completed state, on receipt of an unsuccessful final response from the own network that matches the transaction, the IBCF does not repeat the ACK request (timer D zero)				
SIP Parameter values			•		,
Comments					
Message flows	Mx INVITE [any unsuccessful final respons ACK	-	SUT Start timer D		Ic INVITE [any final response] ACK
	[any unsuccessful final respons	se] →	Timeout timer D		

TP number	IBCF_210_028A	Refer	ence		5.10.5 [1], 17.1.1.1 [19]
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	ACK is not retransmitt	ed			
Test Purpose	Ensure that the IBCF, when an INVITE client transaction is in the Terminated state, on receipt of an 200 OK INVITE final response from the own network that matches the transaction, does not repeat its ACK request.				
SIP Parameter values					
Comments					
Message flows	Mx INVITE 200 OK INVITE ACK 200 OK INVITE	← → ←		← → ←	Ic INVITE 200 OK INVITE ACK
		Арр	ly post test routine		

TP number	IBCF_210_028B	Reference	5.10.5 [1], 13.3.1.4 [19]				
TSS reference	Entry_Point/alg/sip	Entry_Point/alg/sip					
Selection criteria	PICS 7.1.1/2						
Test Purpose name	200 OK is retransmitted						
Test Purpose	Ensure that the IBCF, when an INVITE client transaction is in the Terminated state, after sending of an 200 OK INVITE final response to the foreign network and no ACK is received, the 200 OK INVITE is repeated until timer H expires.						
SIP Parameter values							
Comments							
Message flows	Mx INVITE 200 OK INVITE ACK	SUT ← → Start timer H, timer T1 ← Timeout T1	Ic ← INVITE → 200 OK INVITE → 200 OK INVITE				
		Timeout timer H Apply post test routine	→ 200 OK INVITE				

TP number	IBCF_210_029	Reference	5.10.5 [1], 17.1.2.2 [19]
TSS reference	Entry Point/alg/sip		[
Selection criteria	PICS 7.1.1/2 AND PIC	S 7.2.4/7	
Test Purpose name	UDP: BYE is retransm	itted after timeout timer E	
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when a BYE client transaction is in the Trying state having sent a BYE request to the own network, repeats its request after timer E set to T1 value expires.		
SIP Parameter values		•	
Comments			
Message flows	Mx BYE BYE	SUT A session is already e Start timer E (T1)	
	512	Apply post test re	outine

TP number	IBCF_210_030	Reference	5.10.5 [1],
			17.1.2.2 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	7	
Test Purpose name	UDP: BYE is retransmitted after	er second timeout timer E	
Test Purpose	If an unreliable transport is use	ed, ensure that the IUT, when a	a BYE client transaction is in
	the Trying state having sent tw	vice times a BYE request to the	e own network, repeats its
	request after timer E set to the	MIN(2*T1,T2) value expires.	
SIP Parameter values			
Comments			
Message flows	Mx	SUT	Ic
	A	session is already establishe	ed
	BYE ←	Start timer E (T1)	BYE
	BYE ←	` ,	
		Start timer E (2*T1)	
	BYE ←	` '	
		Apply post test routine	

TP number	IBCF_210_031	Reference	5.10.5 [1],	
			17.1.2.2 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	7		
Test Purpose name	UDP: BYE is retransmitted after	er third timeout timer E		
Test Purpose	If an unreliable transport is use the Trying state having sent th	•		
	request after timer E set to the	•	outer network, repeats its	
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	A s	session is already establishe	ed	
	BYE ←	Start timer E (T1)	BYE	
	BYE	Timeout timer E		
		Ot + + (4+T4)		
	Start timer E (4*T1)			
	BYE ←	Timeout timer E		
		Apply post test routine		

TP number	IBCF_210_032	Reference	5.10.5 [1], 17.1.2.2 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	7		
Test Purpose name	UDP: BYE is retransmitted after	r timeout timer E value T2		
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when a BYE client transaction is in the Trying state and the time of T2 is reached, the BYE request is retransmitted to the own network in the time of T2.			
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	A s	ession is already establishe	d	
	BYE ←	Start timer E, F (64*T1)	BYE	
	BYE ←	Timeout timer E		
	BYE ←	Timeout timer E		
	BYE ←	Timeout timer E		
	BYE ←	Timeout timer E		
	Start E (T2)			
	BYE ←	Timeout timer E		
		Apply post test routine		

TP number	IBCF_210_033	Reference	5.10.5 [1], 17.1.2.2 [19]	
TSS reference	Entry_Point/alg/sip	•		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	7		
Test Purpose name	The BYE is not repeated after	timeout Timer F		
Test Purpose	If an unreliable transport is use in the Trying state does not re			
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	A :	session is already establishe	ed	
	BYE ←	Start timer E, F (64*T1) ←	BYE	
	BYE ←	Timeout timer E		
	BYE	Timeout timer E		
	Timeout timer F			
	Apply post test routine			

TP number	IBCF_210_034	Reference	5.10.5 [1],
			17.1.2.2 [19]
TSS reference	Entry_Point/alg/sip	·	<u>.</u>
Selection criteria	PICS 7.1.1/2 AND I	PICS 7.2.4/7	
Test Purpose name	UDP: BYE Transac	tion in the terminated state	
Test Purpose			on is in the Trying state, considers the s without receiving any final response.
SIP Parameter values			<u> </u>
Comments			
Message flows	Mx	SUT	Ic
_		A session is already	established
	BYE ←	Start timer E, F (64*T1) €	BYE
	BYE ←	Timeout timer E	
	BYE ←	Timeout timer E	
		Timeout timer F	
		(BYE
)	481 Call/Transaction Does Not Exist

TP number	IBCF 210 035	Reference	5.10.5 [1],		
			16.2, 8.2.6.2 [19]		
TSS reference	Entry_Point/alg/sip	·			
Selection criteria	PICS 7.1.1/2				
Test Purpose name	INVITE received a 100 i	is sent			
Test Purpose	provisional (100 Trying)	Ensure that the IBCF, on receipt of an INVITE request from the other network, sends a provisional (100 Trying) response to the own network including the headers From, Call-Id, CSeq and Via copied from the INVITE message.			
SIP Parameter values	INVITE:				
Comments	From Call-ID CSeq Via 100: From Call-ID CSeq Via				
Comments		OUT			
Message flows	Mx INVITE	SUT ←	Ic ← INVITE → 100 Trying		
		Apply post test ro	outine		

TP number	IBCF_210_036	Reference	5.10.5 [1],	
			16.2, 8.2.6.2, 17.2.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	No tag parameter received in t	he INVITE, no tag parameter	sent in 100	
Test Purpose	Ensure that the IBCF, on receipt of an INVITE request from the other network with no "tag" set on the To header, sends a provisional (100 Trying) response to the other network including the same URI and no tag in the To header.			
SIP Parameter values	INVITE: To: [any URI] (no ta 100: To: [any URI] (no ta	<i>5</i> ,		
Comments		-		
Message flows	Mx	SUT	lc	
	INVITE	-	INVITE	
		Apply post test routine	100 Trying	

TP number	IBCF 210 037	Reference	5.10.5 [1],
			16.2, 8.2.6.2, 17.2.1 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	tag parameter received in INV	TE, the same tag parameter is	s sent in the 100
Test Purpose	Ensure that the IBCF, on recei set on the To header, sends a		
	including the same URI and th		rise to the other network
SIP Parameter values	INVITE:		
	To: [any URI], tag=[any value]	
	100:		
	To: [any URI], tag=[same value as in INVITE received]		
Comments			
Message flows	Mx	SUT	lc
	A session is already established		
	INVITE ←	+	INVITE
		→	100 Trying
	Apply post test routine		

TP number	IBCF_210_038	Reference	5.10.5 [1],		
			17.2.3.1, 17.2.3.2 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Last response is repeated if I	NVITE request received with sa	ame branch parameter		
Test Purpose	Ensure that the IBCF in a server INVITE Proceeding state, on receipt of an INVITE request from the other network, including a Via header set with the same branch parameter and sent-by value in the topmost list value, repeats its last response.				
SIP Parameter values	INVITE: Via: 100: Via:				
Comments					
Message flows		SUT	Ic INVITE 100 Trying INVITE 100 Trying		

TP number	IBCF_210_039	Reference	5.10.5 [1],			
			17.2.1, 17.2.3 [19]			
TSS reference	Entry_Point/alg/sip					
Selection criteria	PICS 7.1.1/2					
Test Purpose name	The same Via header	is sent in the repeated 486 re	esponse			
Test Purpose	request from the othe	Ensure that the IBCF in a server INVITE Completed state, on receipt of an INVITE request from the other network, including a Via header set with the same branch parameter and sent-by value in the topmost list value, repeats its last response sent to				
SIP Parameter values	486 1: Via: 486 2: Via:					
Comments						
Message flows	Mx INVITE 486 Busy Here ACK	SUT ← → ←	Ic ← INVITE → 486 Busy Here 1 ← INVITE			
			→ 486 Busy Here 2 ← ACK			
		Apply post test re	outine			

TP number	IBCF 210 040	Reference	5.10.5 [1],
			17.2.2, 17.2.3 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	The same Via header	is sent in the repeated 200 C	OK response
Test Purpose		set with the same branch pa	state, on receipt of a BYE request, arameter and sent-by value in the
SIP Parameter values	BYE: Via: 200 OK: Via:		
Comments			
Message flows	Mx	SUT A session is already e	lc established
	BYE 200 OK BYE	+	

TP number	IBCF_210_041	Reference	5.10.5 [1], 9.2, 16.10 [19]			
TSS reference	Entry_Point/alg/sip					
Selection criteria	PICS 7.1.1/2					
Test Purpose name	The same Via header in CANC	CEL received as in INVITE				
Test Purpose	Ensure that the IBCF in a server INVITE Proceeding state , on receipt of a CANCEL, including a Via header set with the same branch parameter and sent-by value with the topmost Via value INVITE to be cancelled, sends a Success (200 Success) response to the CANCEL request.					
SIP Parameter values						
Comments						
Message flows	Mx INVITE ← 100 Trying → CANCEL ← 200 OK CANCEL → 487 Request Terminated → ACK	SUT	Ic INVITE 100 Trying CANCEL 200 OK CANCEL 487 Request Terminated ACK			

TP number	IBCF 210 042	Reference	1	5.10.5 [1],		
				13.3.1.4, 17.2.3.1 [19]		
TSS reference	Entry_Point/alg/sip	<u>.</u>				
Selection criteria	PICS 7.1.1/2 AND PI	CS 7.2.4/7				
Test Purpose name	State change from the	e Proceeding state in	to the Completed	state		
Test Purpose		Ensure that the IBCF in a server INVITE Proceeding state, after sending a 4XX response, enters in the Completed state.				
SIP Parameter values	·					
Comments						
Message flows	Mx	;	SUT	Ic		
	INVITE	(←	INVITE		
	100 Trying	→	→	100 Trying		
	486 Busy Here	→	→	486 Busy Here		
	ACK	(•		
			→	486 Busy Here		
			←	ACK		

TP number	IBCF 210 043	Refe	rence		5.10.5 [1],
					13.3.1.4, 17.2.3.1 [19]
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	State change from the	e Proceeding st	tate into the Con	firmed	state
Test Purpose	Ensure that the IBCF enters in the Confirme		TTE Completed	state, c	on receipt of an ACK request,
SIP Parameter values					
Comments					
Message flows	Mx		SUT		Ic
	INVITE	←		←	INVITE
	486 Busy Here	→		→	486 Busy Here
	ACK	←		←	ACK

TP number	IBCF 210 044	Reference	5.10.5 [1],			
			15.1.2 [19]			
TSS reference	Entry_Point/alg/sip	•				
Selection criteria	PICS 7.1.1/2					
Test Purpose name	481 response to a BYI	481 response to a BYE request				
Test Purpose	Ensure that the IBCF, while no dialog has been established, on receipt of a BYE request,					
	sends a Call/Transacti	on does not exist (481 C	all/Transaction does not exist).			
SIP Parameter values						
Comments						
Message flows	Mx	SUT	lc			
		•	← BYE			
			→ 481 Call/Transaction does not exist			

TP number	IBCF_210_045	Reference	5.10.5 [1],		
			17.2.1, Annex A [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/1			
Test Purpose name	Final response repeated after				
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Completed state repeats its response sent to the other network on the timeout condition of timer G set with a value of T1.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
_	INVITE ←	· ←	INVITE		
	180 Ringing →	→	180 Ringing		
	403 Forbidden	•			
		Start timer G (T1) →	403 Forbidden		
		Timeout timer G →	403 Forbidden		
		+	ACK		

TP number	IBCF_210_046	Reference	5.10.5 [1],		
			17.2.1, Annex A [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2	2.4/8			
Test Purpose name	Final response is not repea	ted after timeout timer G			
Test Purpose	If a reliable transport (TCP) is used, ensure that the IBCF, when an INVITE server transaction is in the Completed state does not repeat its response to the other network on the timeout condition of timer G set with a value of T1.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	INVITE	-	← INVITE		
	180 Ringing 403 Forbidden	→	→ 180 Ringing		
		 Start timer G (T1) Timeout timer G 	→ 403 Forbidden		
			← ACK		

TP number	IBCF 210 047	Reference	5.10.5 [1],		
			17.2.1, Annex A [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	1			
Test Purpose name	Final response repeated after s	second timeout timer G			
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Completed state and having already sent twice times its response to the other network, repeats it after timer G set MIN(2*T1,T2) value expires.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	INVITE +	+	INVITE		
	180 Ringing →	→	180 Ringing		
	403 Forbidden →				
		Start timer G (T1) →	403 Forbidden		
		Timeout timer G →	403 Forbidden		
		Start timer G (2*T1)			
		Timeout timer G →	403 Forbidden ACK		
		Apply post test routine			

TP number	IBCF_210_048	Reference	5.10.5 [1], 17.2.1, Annex A [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	1			
Test Purpose name	Final response repeated after t	third timeout timer G			
Test Purpose	If an unreliable transport is use transaction is in the Completed the other network, repeats it af	state and having already sei	nt three times its response to		
SIP Parameter values	·	·			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	+	INVITE		
	180 Ringing → 403 Forbidden →	→	180 Ringing		
		Start timer G (T1) →	403 Forbidden		
		Timeout timer G Start timer G (2*T1)	403 Forbidden		
	Timeout timer G → 403 Forbidden Start timer G (4*T1)				
		Timeout timer G →	403 Forbidden ACK		

TP number	IBCF_210_049	Reference		5.10.5 [1],
				17.2.1, Annex A [19]
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	The terminated state	is entered after timer H v	vas ex	pired
Test Purpose	Ensure that the IBCF	, when an INVITE server	transa	action is in the Completed state and,
	enters in the Termina	ited state after timer H se	et to 64	*T1 value expires.
SIP Parameter values				
Comments				
Message flows	Mx	SUT		lc
	INVITE ←		←	INVITE
	180 Ringing →		→	180 Ringing
	403 Forbidden →			
		Start timer H (64*T1)	→	403 Forbidden
		Timeout timer H		
			←	ACK

TP number	IBCF_210_050	Reference	5.10.5 [1],		
			17.2.1, Annex A [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	1			
Test Purpose name	Final response is not repeated	after timeout timer H			
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Completed state and, does not repeats its response sent to the other network after timer H set to 64*T1 value expires.				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	INVITE ←	←	INVITE		
	180 Ringing →	→	180 Ringing		
	403 Forbidden →				
		Start timer H (64*T1) →	403 Forbidden		
		→	403 Forbidden		
		→	403 Forbidden		
		-			
	Timeout timer H				
		Apply post test routine			

TP number	IBCF_210_051		Reference	5.10.5 [1], 17.2.1, Ann	ex A [19]
TSS reference	Entry_Point/alg/si	р			
Selection criteria	PICS 7.1.1/2 AND	PICS 7.2.4/	′ 1		
Test Purpose name	The terminated st	ate is entere	d after timer I was ex	pired	
Test Purpose	If an unreliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Confirmed state, enters in the Terminated state after timer I set to T4 value expires.				
SIP Parameter values					
Comments					
Message flows	Mx INVITE 180 Ringing 403 Forbidden	← → →	SUT	IC INVITE 180 Ringing 403 Forbidden ACK ACK	

TP number	IBCF 210 052	Reference	5.10.5 [1],			
			17.2.1, Annex A [19]			
TSS reference	Entry_Point/alg/si	р				
Selection criteria	PICS 7.1.1/2 AND	PICS 7.2.4/2				
Test Purpose name	The server enters	immediately in the termina	ted state			
Test Purpose		If a reliable transport is used, ensure that the IBCF, when an INVITE server transaction is in the Confirmed state, enters immediately in the Terminated state.				
SIP Parameter values						
Comments						
Message flows	Mx	SUT	Ic			
	INVITE 180 Ringing 403 Forbidden	← → → Start timer I (T4)	 ► INVITE → 180 Ringing → 403 Forbidden ← ACK ← ACK 			

TP number	IBCF 210 053	Reference		5.10.5 [1],
				17.2.2, Annex A [19]
TSS reference	Entry Point/alg/sip	•		
Selection criteria	PICS 7.1.1/2 AND PICS	7.2.4/1		
Test Purpose name	Enters from the complete	ed state into the termin	ated state	
Test Purpose	-			a BYE server transaction is in
	the Completed state, on			request, retransmits its
	response until the timer	J set to 64*T1 expires.		
SIP Parameter values				
Comments				
Message flows	Mx	SUT		Ic
		A session is alrea	ady establishe	ed
	BYE ←		← BYE	
	200 OK BYE →	Start timer J (64*T1)	→ 200 OK	BYE
			← BYE	
			→ 200 OK	BYE
		Timeout timer J		
			← BYE	
			→ 481 Cal	I/Transaction does not exist

TP number	IBCF 210 054	Reference	5.10.5 [1],	
			8.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	The Contact header in the sen	t INVITE		
Test Purpose	When the IBCF receives in INVITE request from the other network, ensure that an			
	INVITE is sent to the own netw	ork and the Contact header c	ontains the URI of the IBCF.	
SIP Parameter values	INVITE:			
	Contact: <[URI of IE	SCF]>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE ←	←	INVITE	
	Apply post test routine			

TP number	IBCF_210_055	Reference	5.10.5 [1]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	6 AND PICS 7.2.4/3			
Test Purpose name	An IPv6 Address in the Contac	t header in the sent INVITE			
Test Purpose	When the IBCF receives in INVITE request from the other IPv4 network, ensure that an INVITE is sent to the own IPv6 network and when the Contact header contains an IP address it is an IPv6 address identifying the IBCF.				
SIP Parameter values	INVITE2:				
	Contact: <[5555::aa	a:bbb:ccc:ddd]>			
Comments	The IPv6 address is an example	le not a real value			
Message flows	Mx	SUT	lc		
	INVITE2 ←	(INVITE1		
	Apply post test routine				

TP number	IBCF_210_056	Reference	5.10.5 [1]			
TSS reference	Entry_Point/alg/sip					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2	2.4/4 AND PICS 7.2.4/5	5			
Test Purpose name	An IPv4 Address in the Cor	ntact header in the sent	INVITE			
Test Purpose	INVITE is sent to the own II	When the IBCF receives in INVITE request from the other IPv6 network, ensure that an INVITE is sent to the own IPv4 network and when the Contact header contains an IP address it is an IPv4 address identifying the IBCF.				
SIP Parameter values	INVITE2:	INVITE2: Contact: <[aaa.bbb.ccc.ddd]>				
Comments	-					
	The IPv4 address is an example not a real value Mx SUT Ic					
Message flows		SUT	lc			
	INVITE2	INVITE2 ← INVITE1				
	Apply post test routine					

TP number	IBCF_210_057	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Network address translation	n in the Contact header in the	sent INVITE	
Test Purpose		and when the Contact header	r network, ensure that an INVITE contains an IP address not	
SIP Parameter values	INVITE2:	hh aaa ddd1s		
	Contact: <[aaa.b			
Comments	The IPv4 address is an exa	mple not a real value		
Message flows	Mx	SUT	lc	
	INVITE2	←	← INVITE1	
	Apply post test routine			

TP number	IBCF 210 058	Reference	5.10.5 [1],	
			19.1.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Unknown uri paramet	er in the Contact header		
Test Purpose	Ensure that the IBCF on receipt of an INVITE request from the other network including non-understood uri-parameters in the SIP-URI of the Contact header forwards the message to the own network.			
SIP Parameter values	INVITE:			
	Contact: <[any URI]>;unknown=nonunde	erstood	
Comments				
Message flows	Mx	SUT	Ic	
	INVITE	←	← INVITE	
		Apply post test re	outine	

TP number	IBCF 210 059	Reference	5.10.5 [1],	
			19.1.1 [19]	
TSS reference	Entry_Point/alg/sip	·		
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Header parameter pre	esent in the Contact header		
Test Purpose	Ensure that the IBCF	Ensure that the IBCF on receipt of an INVITE request from the other network including a		
	header parameter in the	he SIP-URI of the Contact	neader forwards the message to the own	
	network.			
SIP Parameter values	INVITE:			
	Contact: <[any URI]>;h1=%		
Comments				
Message flows	Mx	SUT	Ic	
_	INVITE	←	← INVITE	
	Apply post test routine			

TP number	IBCF 210 060	Reference	5.10.5 [1],	
			19.1.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	method uri parameter	present in the Contact head	er	
Test Purpose	Ensure that the IBCF on receipt of an INVITE request from the other network including a method parameter set to "INVITE" in the SIP-URI of the Contact header forwards the message to the own network.			
SIP Parameter values	INVITE:			
	Contact: <[a	any URI];method=INVITE>		
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	Apply post test routine			

TP number	IBCF_210_061	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	One Via header is sent to the	own network		
Test Purpose	request was received from the	n INVITE request to the own no e other network and one Via he ived Via header entries are no	ader entry is present	
SIP Parameter values	INVITE2: Via: SIP/2.0/[any tr	ansport] [URI of IBCF];branch=	z9hG4bK	
Comments		•		
Message flows	Mx	SUT	Ic	
	INVITE2			

TP number	IBCF_210_062	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/3	3 AND PICS 7.2.4/6		
Test Purpose name	The Via header URI is a IPv6 a	ddress		
Test Purpose	When the IBCF sends an INVITE request to the own IPv6 network and the Via header value identifying the IBCF is an IP address, ensure that the IP address in the Via header is an IPv6 address.			
SIP Parameter values	INVITE2:			
	Via: SIP/2.0/[any transp	ort] [[5555::aaa:bbb:ccc:ddd]:	>port>];branch=[any value]	
Comments	The IP v6 address is an examp	le not a real value		
Message flows	Mx	SUT	lc	
	INVITE2 ←	(INVITE1	
	Apply post test routine			

TP number	IBCF_210_063	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	4 AND PICS 7.2.4/5		
Test Purpose name	The Via header URI is a IP v4	address		
Test Purpose	When the IBCF sends an INVITE request to the own IPv4 network and the Via header value identifying the IBCF is an IP address, ensure that the IP address in the Via header is an IPv4 address.			
SIP Parameter values	INVITE2:			
	Via: SIP/2.0/[any transp	ort] [aaa.bbb.ccc.ddd: <port>]</port>	;branch=[any value]	
Comments	The IP v4 address is an exam	ole not a real value		
Message flows	Mx	SUT	lc	
	INVITE2 ←	+	INVITE1	
	Apply post test routine			

TP number	IBCF_210_064	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Network address trar	nslation in the Via header in	the sent INVITE	
Test Purpose	When the IBCF sends an INVITE request to the own network and the Via header value identifying the IBCF is an IP address, ensure that the top most IP address in the Via header is not equal to the IP address received from the other network.			
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
_	INVITE2	←	← INVITE1	
	Apply post test routine			

TP number	IBCF_210_065	Reference	5.10.5 [1],	
			7.3.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Via header branch para	ameter with upper and lower	cases	
Test Purpose		Ensure that the IBCF on receipt of an INVITE request from the other network including a		
		branch parameter named with upper and lower cases in Via header forwards the		
	message to the own ne	etwork.		
SIP Parameter values	INVITE:			
	Via: SIP/2.0	/[any transport] [any URI];Br/	AnCH=z9hG4bK	
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	Apply post test routine			

TP number	IBCF_210_066	Reference	5.10.5 [1],		
			7.2 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Successful final respor	nse with non-defined respons	se code received		
Test Purpose	Ensure that the IBCF after having forwarded an INVITE request from the other network, on receipt of a Success (299 OK) response with non-defined last two digits forwards the message to the own network.				
SIP Parameter values	299 OK CSeg: [any value] INVITE				
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
	299 OK INVITE	→	→ 299 OK INVITE		
	Apply post test routine				

TP number	IBCF_210_067	Reference	5.10.5 [1] , 7.2 [19]		
TSS reference	Entry Point/alg/sip	I	1[1.0]		
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Successful final respon	nse with unknown reason ph	rase received		
Test Purpose	Ensure that the IBCF after having forwarded an INVITE request from the other network, on receipt of a Success (200 PERFECT) response with an unknown reason phrase forwards the message to the own network.				
SIP Parameter values	200 PERFECT:				
Comments					
Message flows	Mx INVITE 180 Ringing 200 PERFECT	SUT ← → Apply post test re	Ic ← INVITE → 180 Ringing → 200 OK putine		

TP number	IBCF 210 068	Reference	5.10.5 [1],	
			8.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	From header field in the	ne sent INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network, an INVITE request is sent to the own network. Ensure that the 'tag' value of the sent From header field is different from the value received from the other network.			
SIP Parameter values	INVITE2:			
	From: <[an	y URI]>;tag=[any value]		
Comments				
Message flows	Mx	SUT	lc	
	INVITE2	←	← INVITE1	
	Apply post test routine			

TP number	IBCF 210 069	Refere	ence	5.10.5 [1],
				8.1 [19]
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	To header field in the	sent INVITE		
Test Purpose		ork. Ensure that		er network, an INVITE request is sent in the To header field in the
SIP Parameter values	INVITE2: To: <[any U	JRI]>		
Comments				
Message flows	Mx		SUT	lc
	INVITE2	←	•	← INVITE1
	Apply post test routine			

TP number	IBCF_210_070	Reference	5.10.5 [1],		
			8.1 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	To tag in the sent 180				
Test Purpose	When the IBCF receives a 180 Ringing response from the own network, a 180 Ringing response is sent to the other network. Ensure that the 'tag' value sent to the other network is not equal to the value received from the own network				
SIP Parameter values					
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	180 Ringing	→	→ 180 Ringing		
		Apply post test ro	outine		

TP number	IBCF_210_071	Reference	5.10.5 [1],	
			8.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	To tag in the sent 183			
Test Purpose	When the IBCF receives a 183 Session Progress response from the own network, a 183			
	Session Progress response is sent to the other network. Ensure that the 'tag' value sent			
	to the other network is not	equal to the value received	from the own network.	
SIP Parameter values				
Comments				
Message flows	Mx	SUT	lc	
	INVITE	←	← INVITE	
	183 Session Progress	→	→ 183 Session Progress	
		Apply post test rou	tine	

TP number	IBCF 210 072	Reference	5.10.5 [1],			
			7.3.3 [19]			
TSS reference	Entry_Point/alg/sip	•	·			
Selection criteria	PICS 7.1.1/2					
Test Purpose name	Headers with short nan	ne included				
Test Purpose	Ensure that the IBCF o	Ensure that the IBCF on receipt of an INVITE request from the other network including				
	headers set with short	names forwards the message	e to the own network.			
SIP Parameter values	INVITE:					
	f: <[any URI	f: <[any URI]>;tag=[any value]				
	t: <[any URI]>				
Comments						
Message flows	Mx	SUT	lc			
_	INVITE	←	← INVITE			
	Apply post test routine					

TP number	IBCF 210 073	Reference	5.10.5 [1],		
			7.1 [19]		
TSS reference	Entry_Point/alg/sip				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	SIP version in reque	est line in lower cases			
Test Purpose	Ensure that the IBCF	Ensure that the IBCF on receipt of an INVITE request from the other network with SIP			
	version in lower case	e forwards the message to the	e own network.		
SIP Parameter values	INVITE: sip: [any l	URI]sip/2.0			
Comments					
Message flows	Mx	SUT	lc		
	INVITE	←	← INVITE		
	Apply post test routine				

TP number	IBCF 210 074	Reference	5.10.5 [1],
			7.3.1 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	SIP header field names	in upper and lower cases	
Test Purpose			uest from the own network including
	headers named with up	per and lower cases forward	ards the message to the other network.
SIP Parameter values	INVITE:		
	frOM: <[any	URI]>;tag=[any value]	
	tO: <[any UR	RI]>	
Comments			
Message flows	Mx	SUT	lc
	INVITE	←	← INVITE
	Apply post test routine		

TP number	IBCF_210_075	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	Call-ID in the sent INVITE esta	blishes a new call leg		
Test Purpose	When the IBCF receives an INVITE request from the other network, an INVITE request is sent to the own network. Ensure that the Call-ID value is different from the Call-ID value received from the other network.			
SIP Parameter values	INVITE2: Call-ID: [any value]			
Comments				
Message flows	Mx	SUT	Ic	
_	INVITE2	← Apply post test routine	INVITE1	

TP number	IBCF_210_077	Reference	5.10.5 [1],	
			21.4.1 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	INVITE request withou	it Call-ID header not supporte	d	
Test Purpose	Ensure that the IUT, on receipt of an INVITE request from the other network without Call-Id header sends a Bad Request (400 Bad Request) response.			
SIP Parameter values	INVITE: Call-ID hea	der not present		
Comments				
Message flows	Mx	SUT	Ic ← INVITE → 400 Bad Request	
			← ACK	

TP number	IBCF_210_078	Reference	5.10.5 [1],
			21.4.1 [19]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2 AND PI	CS 7.2.4/2	
Test Purpose name	INVITE request with s	several CRLF before start-line	e supported
Test Purpose			st from the other network over a F before the start-line, forwards the
SIP Parameter values			
Comments			
Message flows	Mx	SUT	lc
	INVITE	← Apply post test r	← INVITE routine

TP number	IBCF 210 079	Reference	5.10.5 [1],	
			16.6 [19]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2			
Test Purpose name	The Record-Route he	eader in the sent INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other network ensure that an INVITE request is sent to the own network and if the Record-Route header entry is present it contains the address of the IBCF.			
SIP Parameter values	INVITE2: Record-Rou	ute: <sip:[uri ibcf];lr="" of=""></sip:[uri>		
Comments		•		
Message flows	Mx	SUT	lc	
	INVITE2	← Apply post test ro	← INVITE1 putine	

TP number	IBCF_210_080	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sip			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/3	3 AND PICS 7.2.4/6		
Test Purpose name	IPv6 address in the Record-Ro	oute header in the sent INVITE		
Test Purpose	When the IBCF receives an INVITE request from the other IPv4 network ensure that an INVITE request is sent to the own IPv6 network and when the Record-Route header contains an IP address identifying the IBCF it is an IP v6 address.			
SIP Parameter values	INVITE2: Record-Route: <sip:[5555::aaa:bbb:ccc:ddd];ir></sip:[5555::aaa:bbb:ccc:ddd];ir>			
Comments				
Message flows	Mx	SUT	Ic	
	INVITE2 ←	← Apply post test routine	INVITE1	

TP number	IBCF_210_081	Reference	5.10.5 [1]		
TSS reference	Entry_Point/alg/sip	Entry Point/alg/sip			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	4 AND PICS 7.2.4/5			
Test Purpose name	IPv4 address in the Record-R	oute header in the sent INVIT	E		
Test Purpose	When the IBCF receives an INVITE request from the other IPv6 network ensure that an INVITE request is sent to the own IPv4 network and when the Record-Route header contains an IP address identifying the IBCF it is an IP v4 address.				
SIP Parameter values	INVITE2:				
	Record-Route: <sip:[aaa.bbb.ccc.ddd];lr></sip:[aaa.bbb.ccc.ddd];lr>				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	←	INVITE1		
	Apply post test routine				

TP number	IBCF 210 082	Reference	5.10.5 [1]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	GRUU received in Contact h	neader GRUU is sent	
Test Purpose			t contains a contact address shall replace the contact address
SIP Parameter values	INVITE Contact header GRUU 200 OK: Contact header GRUU		
Comments			
Message flows	Mx INVITE 180 Ringing 200 OK INVITE	→	Ic ← INVITE → 180 Ringing → 200 OK INVITE

TP number	IBCF_210_083	Reference	5.10.5 [1]
TSS reference	Entry_Point/alg/sip		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	No GRUU received in Contact	header no GRUU is sent	
Test Purpose	When an IBCF processes a SI	P request or response that cor	ntains a contact address
	which is not a Globally Routab	le User agent URI (GRUU), it :	shall replace the contact
	address with an address which	is not a GRUU.	
SIP Parameter values	INVITE:		
	Contact header		
	no GRUU		
	200 OK:		
	Contact header		
	no GRUU		
Comments			
Message flows	Mx	SUT	lc
	INVITE +	←	INVITE
	180 Ringing →	→	180 Ringing
	200 OK INVITE →	→	200 OK INVITE
		Apply post test routine	

6.2.5.2 Treatment of session and media description

TP number	IBCF_211_001 F	Reference	5.10.5 [1]		
TSS reference	Entry_Point/alg/sdp				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Network address translation in the	ne o line of the INVITE			
Test Purpose	When the IBCF receives an INV	ITE request from the other	network and the 'o' line		
	contains the IP address from the	owner/creator in the other	network, ensure that an		
	INVITE request is sent to the ow	n network and the SDP cor	ntains an 'o' line the IP		
	address is set to the IP address	of the IBCF of the own netw	vork.		
SIP Parameter values	INVITE1:				
	SDP				
	o=[any value] [any	/ value] [any value] IN IP4 [I	IP address owner (PIXIT)]		
	or				
	o=[any value] [any	/ value] [any value] IN IP6 [i	IP address owner (PIXIT)]		
	INVITE2:				
	SDP				
	o=[any value] [any	/ value] [any value] IN IP4 [i	IP address IBCF]		
	or				
	o=[any value] [any value] [any value] IN IP6 [IP address IBCF]				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	+	INVITE2		
		Apply post test routine			

TP number	IBCF 211 002	Reference	5.10.5 [1]			
TSS reference	Entry_Point/alg/sdp					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	3 AND PICS 7.2.4/6				
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the o line of the INVIT	П			
Test Purpose	When the IBCF receives an IN	VITE request from the other n	etwork and the 'o' line			
	contains the IP address from the	ne owner/creator in the other r	network and is an IPv4			
	address, ensure that an INVIT	E request is sent to the own ne	etwork and the SDP contains			
	an 'o' line the IP address is set	to the IPv6 address of the IBo	CF of the own network.			
SIP Parameter values	INVITE1:	INVITE1:				
	SDP	SDP				
	o=[any value] [any value] [any value] IN IP4 [IP address owner (PIXIT)]					
	INVITE2:					
	SDP					
	o=[any value] [any value] [any value] IN IP6 [IP address IBCF]					
Comments						
Message flows	Mx	SUT	Ic			
_	INVITE2 ← INVITE1					
	Apply post test routine					

TP number	IBCF_211_003	Reference	5.10.5 [1]	
TSS reference	Entry Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/-	4 AND PICS 7.2.4/5		
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the o line of the INVIT	E	
Test Purpose	When the IBCF receives an INVITE request from the other network and the 'o' line contains the IP address from the owner/creator in the other network and is an IPv6 address, ensure that an INVITE request is sent to the own network and the SDP contains an 'o' line the IP address is set to the IPv4 address of the IBCF of the own network.			
SIP Parameter values	INVITE1: SDP o=[any value] [any value] IN IP6 [IP address owner (PIXIT)] INVITE2: SDP o=[any value] [any value] IN IP4 [IP address IBCF]			
Comments			•	
Message flows	Mx INVITE2 ←	SUT ←	lc INVITE1	
	INVITEZ •	Apply post test routine	IIVVIIEI	

TP number	IBCF 211 004	Reference	5.10.5 [1]		
TSS reference	Entry Point/alg/sdp				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Network address translation in	the o line of the 200 OK INVI	ΓΕ		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network and the 'o' line				
	contains the IP address from the	ne owner/creator in the own ne	etwork, ensure that a 200 OK		
	INVITE response is sent to its	other network and the SDP co	ntains an 'o' line the IP		
	address is set to the IP address	s of the IBCF of the own netw	ork.		
SIP Parameter values	200 OK 1:				
	SDP				
	o=[any value] [ar	ny value] [any value] IN IP4 [IF	P address owner (PIXIT)]		
	or		` -		
	o=[any value] [any value] [any value] IN IP6 [IP address owner (PIXIT)]				
	200 OK 2:				
	SDP				
	o=[any value] [any value] [any value] IN IP4 [IP address IBCF]				
	or				
	o=[any value] [ar	ny value] [any value] IN IP6 [IF	P address IBCF]		
Comments			-		
Message flows	Mx SUT Ic				
	INVITE	←	INVITE		
	180 Ringing →	→	180 Ringing		
	200 OK INVITE1 →	→	200 OK INVITE2		
		Apply post test routine			

TP number	IBCF_211_005	Reference	5.10.5 [1]			
TSS reference	Entry_Point/alg/sdp					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	4 AND PICS 7.2.4/5				
Test Purpose name	IPv4 to IPv6 IP version interwo					
Test Purpose	When the IBCF receives a 200	OK INVITE response from the	e own network and the 'o' line			
	contains the IP address from the	ne owner/creator in the own ne	twork and is an IPv4			
	address, ensure that a 200 OK	INVITE response is sent to the	e other network and the SDP			
	contains an 'o' line the IP addre	ess is set to the IPv6 address	of the IBCF of the own			
	network.					
SIP Parameter values	200 OK 1:					
	SDP	SDP				
	o=[any value] [any value] [any value] IN IP4 [IP address owner (PIXIT)]					
	200 OK 2:	200 OK 2:				
	SDP	* - ·				
	o=[any value] [any value] IN IP6 [IP address IBCF]					
Comments						
Message flows	Mx	SUT	lc			
	INVITE ←	-	INVITE			
	180 Ringing →	→	180 Ringing			
	200 OK INVITE1 →	→	200 OK INVITE2			
		Apply post test routine				

TP number	IBCF_211_006	Reference	5.10.5 [1]	
TSS reference	Entry_Point/alg/sdp			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	3 AND PICS 7.2.4/6		
Test Purpose name	IPv4 to IPv6 IP version interwo			
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network and the 'o' line contains the IP address from the owner/creator in the own network and is an IPv6 address, ensure that a 200 OK INVITE response is sent to the other network and the SDP contains an 'o' line the IP address is set to the IPv4 address of the IBCF of the own network.			
SIP Parameter values	200 OK 1: SDP o=[any value] [any value] IN IP6 [IP address owner (PIXIT)] 200 OK 2: SDP o=[any value] [any value] IN IP4 [IP address IBCF]			
Comments			•	
Message flows	Mx	SUT	lc	
	INVITE 180 Ringing 200 OK INVITE1 →	→	INVITE 180 Ringing 200 OK INVITE2	

TP number	IBCF_211_007	Reference	5.10.5 [1]		
TSS reference	Entry_Point/alg/sdp				
Selection criteria	PICS 7.1.1/2				
Test Purpose name	Network address translation in	the c line of the INVITE			
Test Purpose	When the IBCF receives an IN	VITE request from the other n	etwork and the 'c' line		
	contains the IP address from the	e data connection in the othe	r network, ensure that an		
	INVITE request is sent to the o	wn network and the SDP con	tains a 'c' line the IP address		
	is set to the IP address of the T	rGW of the own network.			
SIP Parameter values	INVITE1:				
	SDP				
	c=IN IP4 [data co	onnection address (PIXIT)]			
	or				
	c=IN IP6 [data connection address (PIXIT)]				
	INVITE2:				
	SDP				
	c=IN IP4 [IP add	ress TrGW			
	or				
	c=IN IP6 [IP address TrGW]				
Comments					
Message flows	Mx	SUT	lc		
	INVITE2 ←	-	INVITE1		
		Apply post test routine			

TP number	IDCE 244 000	Reference	E 10 E [1]		
		Reference	5.10.5 [1]		
TSS reference	Entry_Point/alg/sdp				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/3	3 AND PICS 7.2.4/6			
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the c line of the INVIT	E		
Test Purpose	When the IBCF receives an IN'				
	contains the IP address from th	e data connection in the othe	r network and is an IPv4		
	address, ensure that an INVITE	Erequest is sent to the own no	etwork and the SDP contains		
	a 'c' line the IP address is set to				
SIP Parameter values	INVITE1:				
	SDP				
	c=IN IP4 [data connection address (PIXIT)]				
	INVITE2:				
	SDP				
	c=IN IP6 [IP add	ress TrGW			
Comments	-				
Message flows	Mx	SUT	Ic		
	INVITE2 ←	←	INVITE1		
	Apply post test routine				

TP number	IBCF_211_009	Reference	5.10.5 [1]		
TSS reference	Entry_Point/alg/sdp				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/4	4 AND PICS 7.2.4/5			
Test Purpose name	IPv4 to IPv6 IP version interwo	rking in the c line of the INVIT	E		
Test Purpose	When the IBCF receives an IN	VITE request from its other ne	twork and the 'c' line		
	contains the IP address from the	ne data connection in the other	r network and is an IPv6		
	address, ensure that an INVITE	E request is sent to the own ne	etwork and the SDP contains		
	a 'c' line the IP address is set to	the IPv4 address of the TrG	W of the own network.		
SIP Parameter values	INVITE1:				
	SDP				
	c=IN IP6 [data co	onnection address (PIXIT)]			
	INVITE2:				
	SDP				
	c=IN IP4 [IP add	ress TrGW]			
Comments					
Message flows	Mx	SUT	Ic		
	INVITE2 ←	←	INVITE1		
	Apply post test routine				

TP number	IBCF_211_010	Reference	5.10.5 [1]			
TSS reference	Entry_Point/alg/sdp					
Selection criteria	PICS 7.1.1/2					
Test Purpose name	Network address translation in	the c line of the 200 OK INVIT	ΓΕ			
Test Purpose	When the IBCF receives a 200	OK INVITE response from th	e own network and the 'c' line			
	contains the IP address from the	ne data connection in the own	network, ensure that a 200			
	OK INVITE response is sent to	its other network and the SDI	P contains a 'c' line the IP			
	address is set to the IP address	s of the TrGW of the own nety	vork.			
SIP Parameter values	200 OK 1:					
	SDP					
	c=IN IP4 [data co	onnection address (PIXIT)]				
	or					
		onnection address (PIXIT)]				
	200 OK 2:					
	SDP					
	c=IN IP4 [IP address TrGW					
	or					
	c=IN IP6 [IP add	ress TrGW]				
Comments						
Message flows	Mx	SUT	lc			
	INVITE	←	INVITE			
	180 Ringing →	→	180 Ringing			
	200 OK INVITE1 → 200 OK INVITE2					
		Apply post test routine				

TP number	IBCF 211 011	Reference	5.10.5 [1]		
TSS reference	Entry Point/alg/sdp				
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4/	4 AND PICS 7.2.4/5			
Test Purpose name	IPv4 to IPv6 IP version interwo	orking in the c line of the 200	OK INVITE		
Test Purpose	When the IBCF receives a 200 OK INVITE response from the own network and the 'c' line contains the IP address from the data connection in the own network and is an IPv4 address, ensure that a 200 OK INVITE response is sent to the other network and the SDP contains a 'c' line the IP address is set to the IPv6 address of the TrGW of the own network.				
SIP Parameter values	200 OK 1: SDP				
	c=IN IP4 [data connection address (PIXIT)]				
	200 OK 2:				
	SDP				
	c=IN IP6 [IP add	lress TrGW]			
Comments					
Message flows	Mx	SUT	lc		
	INVITE +	+	INVITE		
	180 Ringing →	→	180 Ringing		
	200 OK INVITE1 →	→	200 OK INVITE2		
		Apply post test routine			

TP number	IBCF_211_012	Reference	5.10.5 [1]			
TSS reference	Entry_Point/alg/sdp		·			
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.4	/3 AND PICS 7.2.4/6				
Test Purpose name	IPv4 to IPv6 IP version interwo	orking in the c line of the 200 (OK INVITE			
Test Purpose	contains the IP address from t address, ensure that a 200 Ok	When the IBCF receives a 200 OK INVITE response from the own network and the 'c' line contains the IP address from the data connection in the own network and is an IPv6 address, ensure that a 200 OK INVITE response is sent to the other network and the SDP contains a 'c' line the IP address is set to the IPv4 address of the TrGW of the own				
SIP Parameter values	200 OK 1: SDP c=IN IP6 [data of 200 OK 2: SDP c=IN IP4 [IP add	connection address (PIXIT)]				
Comments	•					
Message flows	Mx INVITE 180 Ringing 200 OK INVITE1 →	· →	Ic INVITE 180 Ringing 200 OK INVITE2			

TP number	IBCF_211_013	Reference	5.10.7 [1]			
TSS reference	Entry_Point/alg/sdp					
Selection criteria	PICS 7.1.1/2 AND PI	CS 7.2.5/1 AND PICS 7.2.5/2	2			
Test Purpose name	The IBCF adds code	cs to the coded list in the offe	r			
Test Purpose	present, the IBCF se	When the IBCF receives an INVITE request from the other network and the a SDP is present, the IBCF sends an INVITE request to the own network and the IBCF adds one or more codecs to the selected media at the end of the received codec list.				
SIP Parameter values	INVITE2:	lio <port number=""> RTP/AVP 8</port>				
Comments		•	·			
Message flows	Mx	SUT	lc			
	INVITE2	← Apply post test	← INVITE1			

TP number	IBCF_211_014	Reference	5.10.7 [1]
TSS reference	Entry_Point/alg/sdp		
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.5	5/1 AND PICS 7.2.5/2	
Test Purpose name	The IBCF removes previous	added codecs from the SDP a	nswer
Test Purpose	received SDP contains the co		DP in the INVITE request sent
	to the own network, it remove INVITE to the other network.	es this codecs from the codec l	ist before sending the 200 OK
SIP Parameter values	INVITE2: m=audio <port 200 OK 1: m=audio <port 200 OK 2:</port </port 	number> RTP/AVP 8 0 number> RTP/AVP 8 0 <code number=""> RTP/AVP 8 0 <code number=""> RTP/AVP 8 0</code></code>	,
Comments	•		
Message flows	180 Ringing	SUT Apply post test routine	Ic INVITE1 180 Ringing 200 OK INVITE2

TP number	IBCF_211_0	15	Reference		5.10.7 [1]
TSS reference	Entry_Point/a	alg/sdp			
Selection criteria	PICS 7.1.1/2	AND NOT PICS	7.2.5/1		
Test Purpose name	No transcodi	ng performed			
Test Purpose	When the IB	CF receives a 200	OK INVITE response	nse from th	e own network and at least
	one of the co	decs contained in	n the INVITE sent t	o the own n	etwork is present in the
	response fro	m the own netwo	rk, no transcoding	is performed	d by the IBCF. The received
	codec is con	tained in the 200	OK INVITE respon	se sent to it	ts other network.
SIP Parameter values	INVITE1:				
		m=audio <port r<="" th=""><th>number> RTP/AVF</th><th>8 0</th><th></th></port>	number> RTP/AVF	8 0	
	INVITE2:				
	m=audio <port number=""> RTP/AVP 8 0</port>				
	200 OK 1:				
	m=audio <port number=""> RTP/AVP 0</port>				
	200 OK 2:				
		m=audio <port r<="" th=""><th>number> RTP/AVF</th><th>0</th><th></th></port>	number> RTP/AVF	0	
Comments					
Message flows	N	1x	SUT		lc
	INVITE2	€	•	←	INVITE1
	180 Ringing)	•	→	180 Ringing
	200 OK INVITE1 → 200 OK INVITE2				
			Apply post tes	t routine	

TP number	IBCF 211 016	Reference	5.10.7 [1]			
TSS reference	Entry Point/alg/sdp					
Selection criteria	PICS 7.1.1/2 AND PICS 7.2.5/	1 AND PICS 7.2.5/2				
Test Purpose name	Transcoding performed in the	BCF				
Test Purpose	When the IBCF receives a 200	OK INVITE response from the	ne own network and the SDP			
-	answer does not contain a cod					
	other network, the IBCF perfor					
	network and one of the codecs	in the codec list received in	the offer from the other			
	network is present in the SDP	answer and the m line is not s	set to a non-zero port value.			
SIP Parameter values	INVITE1:					
	m=audio <port number=""> RTP/AVP 8 0</port>					
	INVITE2:					
	m=audio <port number=""> RTP/AVP 8 0 <codec1> (<codec2>)</codec2></codec1></port>					
	200 OK 1:					
	m=audio <port number=""> RTP/AVP <codec1></codec1></port>					
	200 OK 2:					
	m=audio <port number=""> RTP/AVP 8</port>					
	Or					
	m=audio <port n<="" th=""><th>umber> RTP/AVP 0</th><th></th></port>	umber> RTP/AVP 0				
Comments						
Message flows	Mx	SUT	lc			
	INVITE2 ←	+	INVITE1			
	200 OK INVITE1 →	→	200 OK INVITE2			
		Apply post test routine				

TP number	IBCF_211_017	Reference	5.10.5 [1]
TSS reference	Entry_Point/alg/sdp		
Selection criteria	PICS 7.1.1/2		
Test Purpose name	Passing of more than one m lir	nes	
Test Purpose	When the IBCF receives an IN more than one m lines, an INV lines are present in the SDP.		
SIP Parameter values	INVITE1: m=audio <port n<br="">m=video 3400 R a=rtpmap:98 H2 INVITE2:</port>	umber> RTP/AVP 8 0 TP/AVP 98	
Comments			
Message flows	Mx INVITE2 ←	SUT ← Apply post test routine	Ic INVITE1

TP number	IBCF 211 01	8	Reference		5.10.5 [1]		
TSS reference		Entry Point/alg/sdp					
Selection criteria	PICS 7.1.1/2	group					
Test Purpose name		uest of resourc	e reservation				
Test Purpose				m the other r	network and preconditions are		
Toot I di poss					condition procedure are		
			content is passed				
SIP Parameter values		orted: precondi		anonangea			
		a=curr:gos loca					
		a=curr:gos rem					
			ndatory local sendr	ecv			
			e remote sendrecy				
	183: Require:	•					
		a=curr:gos loca	al none				
		a=curr:qos rem					
			ndatory local sendr	ecv			
		a=des:qos mar	ndatory remote ser	ndrecv			
		a=conf:qos ren	note sendrecv				
	UPDATE:	-					
	SDP	SDP a=curr:qos local sendrecv					
		a=curr:qos rem	ote none				
		a=des:qos mar	ndatory local sendr	ecv			
		a=des:qos mar	ndatory remote ser	ndrecv			
	200 OK UPDA						
		a=curr:qos loca					
		a=curr:qos rem					
			ndatory local sendr				
_		a=des:qos mar	ndatory remote ser	ndrecv			
Comments					-		
Message flows	M	=	SUT		Ic		
	INVITE		-	-	INVITE		
	183 Session Progress → 183 Session Progress						
		PRACK ← PRACK					
	200 OK PRAC		→	→	200 OK PRACK		
	UPDATE		F	←	UPDATE		
	200 OK UPDA	TE -	→	→	200 OK UPDATE		
			Apply post tes	st routine			

Annex A (informative): Bibliography

ETSI TS 124 447: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); TISPAN; NGN IMS Supplementary Services; Advice Of Charge (AOC) (3GPP TS 24.447 Release 8)".

ETSI TS 129 658: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; TISPAN; SIP Transfer of IP Multimedia Service Tariff Information; Protocol specification (3GPP TS 29.658 Release 8)".

IETF RFC 6665: "SIP-Specific Event Notification".

History

Document history		
V3.1.1	August 2011	Publication
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