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Core Network and Interoperability Testing (INT); Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance test specification (3GPP Release 10); Part 2: Test Suite Structure and Test Purposes (TSS&TP) Reference

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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 Conformance Test Specification of Originating Identification Presentation (OIP) supplementary service and the Originating Identification Restriction (OIR) supplementary services using IP Multimedia (IM) Core Network (CN) subsystem, 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 ETSI Drafting Rules (Verbal forms for the expression of provisions).

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1 Scope

The present document provides the Test Suite Structure and Test Purposes (TSS&TP) for the Originating Identification Presentation (OIP) supplementary service and the Originating Identification Restriction (OIR) supplementary services, based on stage one and two of the ISDN and CLIR supplementary service defined in ETSI TS 124 607 [1].

The OIP service provides the terminating party with the possibility to receive a trusted (network-provided) identity of the originating party, and is applicable to all session-based services of the NGN.

The OIR service enables the originating party to prevent presentation of any network-provided identity to the terminating party, and is applicable to all session-based services of the NGN.

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 referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

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

- [1] ETSI TS 124 607: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.607 Release 10)".
- [2] ETSI TS 186 006-1: "Core Network and Interoperability Testing (INT); Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance test specification (3GPP Release 10); Part 1: Protocol Implementation Conformance Statement (PICS)".
- [3] IETF RFC 3323: "A Privacy Mechanism for the Session Initiation Protocol (SIP)".

2.2 Informative 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.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

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] ISO/IEC 9646-1: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in ETSI TS 124 607 [1] and the following apply:

Implementation Under Test (IUT): Refer to ISO/IEC 9646-1 [i.1].

PICS proforma: Refer to ISO/IEC 9646-1 [i.1].

Point of Control and Observation: Refer to ISO/IEC 9646-1 [i.1].

Protocol Implementation Conformance Statement (PICS): Refer to ISO/IEC 9646-1 [i.1].

System Under Test (SUT): Refer to ISO/IEC 9646-1 [i.1].

Test Purpose (TP): Refer to ISO/IEC 9646-1 [i.1].

NOTE: This may contain additional information.

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in ETSI TS 124 607 [1] and the following apply:

CLIR	Calling Line Identification Restriction
IUT	Implementation Under Test
OIP	Originating Identification Presentation
OIR	Originating Identification Restriction
SUT	System Under Test

4 Test Suite Structure (TSS)

User		
	CallingUser	OIP_U01_xxx
	CalledUser	OIP_U02_xxx

Network		
	AS_OrigUser	OIP_N01_xxx
	AS_TermUser	OIP_N02_xxx

Figure 4-1: Test suite structure

4.1 Configuration

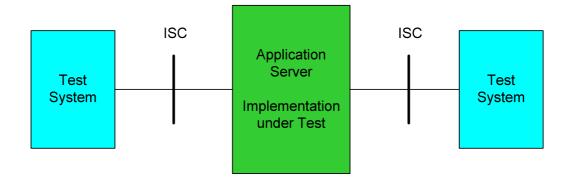
4.1.0 Introduction

The scope of the present specification is to test the signalling and procedural aspects of the stage 3 requirements as described in ETSI TS 124 607 [1]. The stage 3 description describes the requirements for several network entities and also the requirements regarding for terminal devices. Therefore several interfaces (reference points) are addressed to satisfy the test of the different entities.

Therefore to test the appropriate entities the configurations below are applicable.

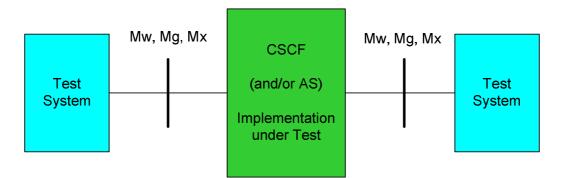
4.1.1 Testing of the AS

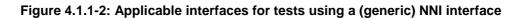
The AS entity is responsible for performing and managing services. The ISC interface is the appropriate access point for testing.





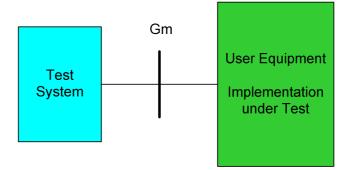
If the ISC interface is not accessible it is also possible to perform the test of the AS using any NNI (Mw, Mg, Mx) interface (see figure 4.1.1-2). In case only the Gm interface is accessible this interface can be used instead for testing, but the verification of all requirements may not be possible.

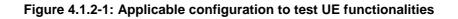




4.1.2 Testing of the UE

There are special clauses in the protocol standard describing the procedures that apply at the originating and terminating user equipment. Therefore the test configuration in figure 4.1.2-1 has been chosen.





5 Test Purposes (TP)

5.1 Introduction

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

Identifier: <s< th=""><th colspan="5">Identifier: <ss>_<iut><group>_<nnn></nnn></group></iut></ss></th></s<>	Identifier: <ss>_<iut><group>_<nnn></nnn></group></iut></ss>				
<\$\$>	=	supplementary service:	e.g. "OIP"		
<iut></iut>	=	type of IUT:	U N	User - equipment Network	
<group></group>	=	group	2 digit field r	epresenting group reference according to TSS	
<nnn></nnn>	=	sequential number	(001 to 999)		

5.1.2 Test strategy

As the base standard ETSI TS 124 607 [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 186 006-1 [2]. The criteria applied include the following:

- only the requirements from the point of view of the T or coincident S and T reference point are considered;
- whether or not a test case can be built from the TP is not considered.

5.2 User TPs for OIP and OIR

5.2.0 Introduction

All PICS items referred to in this clause are as specified in ETSI TS 186 006-1 [2] unless indicated otherwise by another numbered reference.

5.2.1 Calling user

TSS	TP	OIP reference	Selection expression
User/Calling_User	OIP_U01_001	clause 4.5.2.1	PICS 4.1/1
			AND PICS 4.2/2
Test purpose:			
Originating user sends a P-Preferred Identity.			
Ensure that the IUT, in order to present a com sends an INVITE message containing a P-Pre			
in table 5.2.1-1.			
Preconditions:			
The user registers the public user identity.			
Comments:			
Comments: User Equipment		Test Equipme	nt

TSS	ТР	OIP reference	Selection expression
User/Calling_User	OIP_U01_002	clause 4.5.2.1	PICS 4.1/1
Test purpose:			
Originating user sends a P-Preferre	d Identity and wishes to override	the default setting 'Pre	sentation restricted'.
Ensure that the IUT, in order to pres			
default settings of 'presentation rest	ricted', sends an INVITE message	e containing a P-Prefe	rred-Identity header with
valid 'tel' or 'SIP' URI defined as US	ER_URI and a Privacy header se	t to " none ".	
Comments:			
User Equipment		Test Equipme	nt
INVITE	→	INVITE	
User/Calling_User	ТР	OIP reference	Selection expression

Test Equipment

INVITE

Test purpose:

Originating user sends an 'anonymous' From header and wishes to override the default setting 'Presentation not restricted'.

Ensure that the IUT, in order to override the OIR default settings of 'presentation not restricted', sends an INVITE message not containing a P-Preferred-Identity header and containing a Privacy header set to "id" or "header" and containing an anonymous From header. The convention for configuring an anonymous From header is described in IETF RFC 3323 [3] and should be followed; i.e. From: "Anonymous"

→

<sip:anonymous@anonymous.invalid>;tag= xxxxxx.

Preconditions: User Equipment

INVITE

Г

Table 5.2.2-1

Values for test purposes OIP U02 001

	values for test purposes OF_002_001	
	USER_URI	
VA_1	tel: local number	
VA_2	tel: global number	
VA_3	tel: local number ; phone-context= particular phone prefix.	
VA_4	tel: local number ; phone-context= domainname	
VA_5	tel: local number; isub= ISDN Subadress	
VA_6	SIP URI sip:user:password@host:port;uri-parameters	
VA_7	sip URI: local number @host:port;uri-parameters	
VA_8	sip URI: global number @host:port;uri-parameters	
VA_9	sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters	

5.2.2 Called user

TSS	TP	OIP reference	Selection expression
User/Called_User	OIP_U02_001		PICS 4.1/1
Test purpose:			
Terminating user receives a P-Asserted identity head	der field.		
Ensure that the terminating UE, receiving a valid and	compatible INVIT	E message containing	g one P-Asserted-Identity
header indicating a public user identity defined as UF	RI_USER in table 5	5.2.1-2, accepts the ca	all following the basic call
procedures.			
Comments:			
User Equipment		Test Equipmer	It
INVITE	+	INVITE	

TSS	ТР	OIP reference	Selection expression
User/Called_User	OIP_U02_002		PICS 4.1/1
Test purpose:			
Terminating user receives a P-Asser Ensure that the terminating UE, rece headers indicating public user identit procedures.	eiving a valid and compatible INV		
Comments:			
User Equipment	SUT	Test Equipme	nt
INVITE	+	INVITE	

10

Table 5.2.2-1

	Values for test purposes OIP_U02_001 and 002
	USER_URI
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domainname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters
VA_7	sip URI: local number @host:port;uri-parameters
VA_8	sip URI: global number @host:port;uri-parameters
VA_9	Sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters

5.2.3 Requirements on the originating network side

←

100 Trying

Actions at the AS serving the originating user 5.2.3.1

TSS Network/AS_OrigUser	TP OIP_N01_001	OIP reference clause 4.5.2.4	Selection expression PICS 4.1/2 AND PICS 4.3/4
Test purpose: <i>The AS includes a Privacy header field</i> Ensure that the IUT, on receipt of an II transmits an INVITE with a Privacy hea	NVITE without a Privacy header	or a privacy header v	alue not "id" or "header",
Preconditions: The originating user has subscribed to		ent mode.	
Comments:			
Test equipment INVITE 100 Trying	AS → →	Test equipmer INVITE	nt
TSS Network/AS_OrigUser	TP OIP_N01_002	OIP reference clause 4.5.2.4	Selection expression PICS 4.1/2 AND PICS 4.3/4
Test purpose: <i>The AS removes Privacy header field</i> Ensure that the IUT, on receipt of an II Privacy header set to " id " or " header ".	NVITE with a Privacy header set		an INVITE with only one
Preconditions: The originating user has subscribed to			
Comments:			
Test equipment	AS	Test equipmer	. .

TSS	ТР	OIP reference	Selection expression
Network/AS_OrigUser	OIP_N01_003	clause 4.5.2.4	PICS 4.1/2
-			AND PICS 4.3/1
			AND PICS 4.3/4
Test purpose:			
The AS anonymizes the identity in perma	nent mode.		
Ensure that the IUT, on receipt of an INVI	TE, transmits an INVITE wi	th a Privacy header se	t to " user " or transmits an
INVITE with the From header anonymized	J.		
Preconditions:			
The originating user has subscribed to the	e OIR service in the permai	nent mode.	
Comments:			
Test equipment	AS	Test equipme	nt
INVITE	→		
100 Trying	+		

TSS	ТР	OIP reference	Selection expression
Network/AS_OrigUser	OIP_N01_004	clause 4.5.2.4	PICS 4.1/2
			AND PICS 4.3/5
Test purpose:			
The AS includes a Privacy header field in	temporary mode, restrict	ed.	
Ensure that the IUT, on receipt of an INVIT	E without Privacy header,	transmits an INVITE v	with a Privacy header set to
"id" or "header".	-		-
Preconditions:			
The originating user has subscribed to the	OIR service in the tempo	rary mode with defaul	t presentation restricted.
The subscription option Restriction is set to	o 'restrict the asserted ider	ntity'.	
Comments:			
Test equipment	AS	Test equipme	ent
INVITE	→	→ INVITE	
100 Trying			

TSS Network/AS_OrigUser	TP OIP_N01_005	OIP reference clause 4.5.2.4	Selection expression PICS 4.1/2 AND PICS 4.3/5
Test purpose: The AS includes a Privacy header field in temporary			

Ensure that the IUT, on receipt of an INVITE with a Privacy header present set to a value other than "none", transmits
an INVITE with a Privacy header set to "id" or "header".

Preconditions:

The originating user has subscribed to the OIR service in the temporary mode with default presentation restricted .
The subscription option Restriction is set to 'restrict the asserted identity'.
Comments:

Comments:					
Test equipment		AS		Test equipment	
INVITE	→		→	INVITE	
100 Trying	+				

TSS	TP	OIP reference	Selection expression
Network/AS_OrigUser	OIP_N01_006	clause 4.5.2.4	PICS 4.1/2
-			AND PICS 4.3/1
			AND PICS 4.3/5
Test purpose:			
The AS anonymizes the identity in temporary	/ mode, restricted.		
Ensure that the IUT, on receipt of an INVITE a	and no Privacy header is	present, transmits an	INVITE with the From
header anonymized or add a Privacy header	value " user ".		
Preconditions:			
The originating user has subscribed to the OII	R service in the tempora	ry mode with default	restricted.
Comments:			
Test equipment	AS	Test equipme	nt
INVITE	→	INVITE	
100 Trying 🗧 🗧			

TSS	ТР	OIP reference	Selection expression
Network/AS_OrigUser	OIP_N01_007	clause 4.5.2.4	PICS 4.1/2
			AND PICS 4.3/1
			AND PICS 4.3/5
Test purpose:			
The AS anonymizes the identity in temporary m			
Ensure that the IUT, on receipt of an INVITE and	d a Privacy header pre	esent set to "id", trans	mits an INVITE with the
From header anonymized or add the value "use	r" to the Privacy head	er.	
Preconditions:			
The originating user has subscribed to the OIR s	service in the tempora	ry mode with default	restricted.
Comments:			
Test equipment	AS	Test equipme	nt
INVITE -	→	INVITE	
100 Trying 🗧 🗧			

TSS	ТР	OIP reference	Selection expression
Network/AS_OrigUser	OIP_N01_008	clause 4.5.2.4	PICS 4.1/2
C C			AND PICS 4.3/1
			AND PICS 4.3/5
Test purpose:			·
The AS anonymizes the identity in tempo	rary mode, restricted.		
Ensure that the IUT, on receipt of an INVI	TE and a Privacy header pr	esent set to "header",	transmits an INVITE with
the From header anonymized or add the v	value "user" to the Privacy I	neader.	
Preconditions:			
The originating user has subscribed to the	OIR service in the tempor	ary mode with default	restricted.
Comments:			
Test equipment	AS	Test equipme	nt
	→ -		

TSS		TP	OIP reference	Selection expression
Network/AS_OrigUser		OIP_N01_009	clause 4.5.2.4	PICS 4.1/2
				AND PICS 4.3/5
Test purpose:				
The AS does not anonymizes the ider	ntity in temp	orary mode, not re	stricted.	
Ensure that the IUT, on receipt of an I	NVITE with	out a Privacy heade	r, transmits an INVITE	and the From header is not
anonymized or the Privacy header if p				
Preconditions:				
The originating user has subscribed to	o the OIR se	ervice in the tempor	ary mode with default	not restricted.
Comments:				
Test equipment		AS	Test equipme	nt
INVITE	→	-	INVITE	
100 Trying	←			

TSS	TF)	OIP reference	Selection expression
Network/AS_OrigUser	OI	P_N01_010	clause 4.5.2.4	PICS 4.1/2
-				AND PICS 4.3/5
Test purpose:				
The AS does not anonymizes the identity				
Ensure that the IUT, on receipt of an INV	ITE with a Priv	acy header se	t to " none ", transmits	an INVITE and the From
header is not anonymized or the Privacy	header does n	ot contain the	value " user ".	
Preconditions:				
The originating user has subscribed to th	ne OIR service i	n the tempora	ry mode with defaul	t not restricted.
Comments:				
Test equipment		AS	Test equipme	ent
INVITE	→	→	INVITE	
100 Trying	÷			

TSS	TP	OIP reference	Selection expression
Network/AS_OrigUser	OIP_N01_011	clause 4.5.2.4	PICS 4.1/2
			AND PICS 4.3/5
Test purpose:			
The AS anonymizes the identity in temporary mod			
Ensure that the IUT, on receipt of an INVITE with a		et to "id", transmits an	INVITE with the From
header anonymized or add the value "user" to the F	Privacy header.		
Preconditions:			
The originating user has subscribed to the OIR serv	vice in the tempor	ary mode with default	not restricted.
Comments:			
Test equipment	AS	Test equipme	nt
INVITE -	-	INVITE	
100 Trying 🗧 🗧			

TSS		TP	(OIP reference	Selection expression
Network/AS_OrigUser		OIP_N01_01	2	clause 4.5.2.4	PICS 4.1/2
					AND PICS 4.3/5
Test purpose:					
The AS anonymizes the identity in tem	porary mo	de, not restricte	ed.		
Ensure that the IUT, on receipt of an IN	VITE with	a Privacy header	set to	"header", transmi	ts an INVITE with the From
header anonymized or add the value "	u ser " to the	Privacy header.			
Preconditions:					
The originating user has subscribed to	the OIR se	rvice in the temp	orary	mode with default	not restricted.
Comments:					
Test equipment		AS		Test equipme	nt
INVITE	→		→	INVITE	
100 Trying	÷				

TSS	TP	OIP reference	Selection expression
Network/AS_OrigUser	OIP_N01_013	clause 4.5.2.4	PICS 4.1/2
-			AND PICS 4.3/5
Test purpose:			
The AS replaces the identity in temporal	ry mode, not restricted.		
Ensure that the IUT, on receipt of an INV user's registered public identities, transm			
of the originating user.		-	
Preconditions:			
The originating user has subscribed to th	e OIR service in the temporar	ry mode with default	not restricted.

Comments:					
Test equipment		AS		Test equipment	
INVITE	→		→	INVITE	
100 Trying	+				

TSS		TP	(OIP reference	Selection expression
Network/AS_OrigUser		OIP_N01_014	. (clause 4.5.2.4	PICS 4.1/2
·					AND PICS 4.3/3
					AND PICS 4.3/5
Test purpose:		·			
The AS replaces the identity in temp	orary mode	, not restricted.			
Ensure that the IUT, on receipt of an			ining	an identity which is	s not one of the originating
user's registered public identities, trai	nsmits an IN	VITE with the Fror	n head	der containing the	default public user identity
of the originating user.				C C	
Preconditions:					
The originating user has subscribed t	o the OIR se	ervice in the tempo	orary i	mode with default	not restricted.
The originating user has not subscrib	ed to the "n	o screening" spe	cial a	rrangement.	
Comments:					
Test equipment		AS		Test equipme	nt
INVITE	→		→	INVITE	

TSS Network/AS_OrigUser	TP OIP_N01_015	OIP reference clause 4.5.2.4	Selection expression PICS 4.1/2 AND PICS 4.3/5
Test purpose: <i>The AS leaves the identity unchanged in temporal</i> Ensure that the IUT, on receipt of an INVITE withou unchanged.			with the From header
Preconditions: The originating user has subscribed to the OIR ser The originating user has subscribed to the "no scr		2	not restricted.
Comments: Test equipment INVITE → 100 Trying ←	AS →	Test equipme INVITE	nt

5.2.3.2 Actions at the AS serving the terminating UE

TSS		TP		OIP reference	Selection expression
Network/AS_TermUser		OIP_N02_00	01	clause 4.5.2.9	PICS 4.1/2
Test purpose:					
The terminating user does not subsc	ribe the OIP	service.			
Ensure that the IUT, on receipt of an	INVITE with	a P-Asserted-Ide	entity he	eader, transmits a	n INVITE without
P-Asserted-Identity header.			•		
Preconditions:					
Terminating user does not subscribe	to OIP service	ce			
Comments:					
Test Equipment		AS		Test Equipme	nt
INVITE	→		→	INVITE	
100 Trying	÷				

TSS	TP	OIP reference	Selection expression
Network/AS_TermUser	OIP_N02_00	2 clause 4.5.2.9	PICS 4.1/2 AND PICS 4.3/6
Test purpose:			
The terminating user does not subscribe t	he OIP service, the AS a	nonymizes the content	s of the From header.
Ensure that the IUT, on receipt of an INVI			
INVITE without P-Asserted-Identity heade			
Preconditions:			
Terminating user does not subscribe to O	IP service.		
The IUT anonymize the contents of the Fr			
Comments:			
Test Equipment	AS	Test Equipn	nent
INVITE	→		
100 Trying	+		

TSS		TP		OIP reference	Selection expression
Network/AS_TermUser		OIP_N02_0	03	clause 4.5.2.9	PICS 4.1/2 AND PICS 4.3/8
Test purpose:					
The terminating user does not subscribe	the OIP s	ervice.			
Ensure that the IUT, on receipt of an IN\	/ITE with a	privacy heade	er and a	P-Asserted-Identit	ty header, transmits an
INVITE without a Privacy header.					-
Preconditions:					
Terminating user does not subscribe to (OIP service	e			
Comments:					
Test Equipment		AS		Test Equipme	nt
INVITE	→		→	INVITE	
100 Trying	÷				

TSS Network/AS_TermUser	TP OIP_N02_004	OIP reference clause 4.5.2.9	Selection expression PICS 4.1/2 AND PICS 4.3/7
Test purpose: Terminating user has the override category.			AND FICS 4.3/1
Ensure that the IUT, on receipt of an INVITE with a I Identity header, transmits an INVITE with the P-Asse			header" and a P-Asserted-
Preconditions: Terminating user does subscribe to OIP service. Terminating user has an override category.			
Comments:			
Test EquipmentINVITE100 Trying←	AS	Test Equipme → INVITE	ent

TSS		TP	OIP reference	Selection expression
Network/AS_TermUser		OIP_N02_005	clause 4.5.2.9	PICS 4.1/2
				AND PICS 4.3/7
				AND PICS 4.3/8
Test purpose:		•	•	
Terminating user has the overri	de category.			
Ensure that the ILIT on receipt	of an INVITE with	a Privacy header se	t to the value "i d " or "	header" and a P-Asserted-
Identity header, transmits an IN				
Identity header, transmits an IN Preconditions: Terminating user subscribes to	VITE without Priva			
Identity header, transmits an IN Preconditions: Terminating user subscribes to	VITE without Priva			
Identity header, transmits an IN Preconditions:	VITE without Priva		the P-Asserted-Identi	ty header.
Identity header, transmits an IN Preconditions: Terminating user subscribes to Comments:	VITE without Priva	acy header and with	the P-Asserted-Identi	ty header.

TSS	TP	OIF	Preference	Selection expression
Network/AS_TermUser	OIP_N02	_005 clau	use 4.5.2.9	PICS 4.1/2
				AND PICS 4.3/7
Test purpose:				
Privacy value is set to "id".				
Ensure that the IUT, on receipt of an INVITE	E with a Privacy hea	ader value set	to "id" and a F	P-Asserted-Identity header,
transmits an INVITE with Privacy header "id	I" and with the P-As	serted-Identity	y header.	
Preconditions:				
Terminating user does subscribe to OIP ser	vice.			
Comments:				
Test Equipment	AS		Test Equipme	ent
INVITE -	•	→	INVITE	
100 Trying				

TSS	TP		OIP reference	Selection expression
Network/AS_TermUser	OIP_N02		clause 4.5.2.9 and 5.1/ [3]	PICS 4.1/2
Test purpose:				
Privacy value is set to "header".				
Ensure that the IUT, on receipt of an IN				
request, the received Via header identi are stripped. The Contact header do no				entity the originating user
Preconditions:		ginating use	51.	
Terminating user subscribes to OIP set	rvice			
SIP header: INVITE1: Via: <identity of="" originating="" user="">; b</identity>				
Contact: <identity of="" originating="" use<br="">Record-Route: <identity of="" originating<="" td=""><td>r></td><td></td><td></td><td></td></identity></identity>	r>			
INVITE2 : Contact: <no identity="" of="" originating<br="">Privacy: id</no>	user>			
Comments:				
Test Equipment	AS		Test Equipment	
INVITE1	→	→	INVITE2	
100 Trying	+			
TSS	ТР		OIP reference	Selection expression
Network/AS_TermUser	OIP_N02		clause 4.5.2.9 and 5.1/ [3]	PICS 4.1/2
Test purpose: Privacy value is set to "header".				
<i>Privacy value is set to "header".</i> Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request.				
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set	zation, User-Agent, Rep			
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header:	zation, User-Agent, Rep			
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1:	zation, User-Agent, Rep			
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" td="" use<=""><td>rvice.</td><td></td><td></td><td></td></identity>	rvice.			
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" td="" use<=""><td>r></td><td></td><td></td><td></td></identity></identity>	r>			
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Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Organization: <identity of="" originating<br="">User-Agent: <identity of="" originating<br="">Reply-To: <identity of="" originating="" td="" use<=""><td>rvice. rvice. r> er> g user> user> user> user></td><td></td><td></td><td></td></identity></identity></identity></identity></identity>	rvice. rvice. r> er> g user> user> user> user>			
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Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Organization: <identity of="" originating<br="">User-Agent: <identity of="" originating="" use<br="">In-Reply-To: <identity of="" originating<br="">INVITE2 : Comments: Test Equipment INVITE1</identity></identity></identity></identity></identity>	zation, User-Agent, Rep rvice. r> er> g user> user> user> user> user> AS →		n-Reply-To identify t	
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Organization: <identity of="" originating<br="">User-Agent: <identity of="" originating<br="">Reply-To: <identity of="" originating="" use<br="">In-Reply-To: <identity of="" originating<="" td=""><td>rvice. r> g user> user> user> user> user> user> MS</td><td>ly-To and Ir</td><td>n-Reply-To identify t</td><td></td></identity></identity></identity></identity></identity></identity>	rvice. r> g user> user> user> user> user> user> MS	ly-To and Ir	n-Reply-To identify t	
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Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">INVITE1: INVITE2: Comments: Test Equipment INVITE1 100 Trying TSS Network/AS_TermUser</identity></identity></identity></identity></identity></identity>	zation, User-Agent, Rep rvice. r> er> g user> user> user> user> AS ★ ★	ly-To and Ir →	Test Equipment INVITE2	Selection expression PICS 4.1/2
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Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">INVITE1: INVITE2: Comments: Test Equipment INVITE1 100 Trying TSS Network/AS_TermUser Test purpose: Terminating user has the override cate Ensure that the IUT, on receipt of an IN INVITE without Privacy header and wit Preconditions:</identity></identity></identity></identity></identity></identity></identity>	eation, User-Agent, Rep rvice. r> er> g user> user> user> user> AS ★ CP OIP_N02 gory. IVITE with a Privacy he h the P-Asserted-Identif	→ 2_005	Test Equipment INVITE2	Selection expression PICS 4.1/2 AND PICS 4.3/7
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">INVITE1: Subject: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">In-Reply-To: <identity of="" originating="" use<br="">INVITE2 : Comments: Test Equipment INVITE1 100 Trying TSS Network/AS_TermUser Test purpose: Terminating user has the override cate Ensure that the IUT, on receipt of an IN INVITE without Privacy header and wit Preconditions: Terminating user does subscribe to OII</identity></identity></identity></identity></identity></identity></identity>	eation, User-Agent, Rep rvice. r> er> g user> user> user> user> AS ★ CP OIP_N02 gory. IVITE with a Privacy he h the P-Asserted-Identif	→ 2_005	Test Equipment INVITE2	Selection expression PICS 4.1/2 AND PICS 4.3/7
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">INVITE1: INVITE2 : Comments: Test Equipment INVITE1 100 Trying TSS Network/AS_TermUser Test purpose: Terminating user has the override cate Ensure that the IUT, on receipt of an IN INVITE without Privacy header and wit Preconditions: Terminating user does subscribe to OII Comments:</identity></identity></identity></identity></identity>	rvice. r> ervice. r> ervice. r> ervice. r> guser> user> user> AS t P OIP_N02 gory. IVITE with a Privacy he h the P-Asserted-Identia P service.	→ 2_005	Test Equipment INVITE2 DIP reference clause 4.5.2.9 P-Asserted-Identity	Selection expression PICS 4.1/2 AND PICS 4.3/7
Privacy value is set to "header". Ensure that the IUT, on receipt of an IN the received Subject, Call-Info, Organiz removed from the request. Preconditions: Terminating user subscribes to OIP set SIP header: INVITE1: Subject: <identity of="" originating="" use<br="">Call-Info: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">INVITE1: Subject: <identity of="" originating="" use<br="">Organization: <identity of="" originating="" use<br="">In-Reply-To: <identity of="" originating="" use<br="">INVITE2 : Comments: Test Equipment INVITE1 100 Trying TSS Network/AS_TermUser Test purpose: Terminating user has the override cate Ensure that the IUT, on receipt of an IN INVITE without Privacy header and wit Preconditions: Terminating user does subscribe to OII</identity></identity></identity></identity></identity></identity></identity>	eation, User-Agent, Rep rvice. r> er> g user> user> user> user> AS ★ CP OIP_N02 gory. IVITE with a Privacy he h the P-Asserted-Identif	→ 2_005	Test Equipment INVITE2	Selection expression PICS 4.1/2 AND PICS 4.3/7

- 5.2.3.3 Interaction with other services
- 5.2.3.3.1 Communication diversion services (CDIV)

Void.

5.2.3.3.2 Malicious Communication IDentification (MCID)

Void.

Annex A (informative): Bibliography

IETF RFC 3325: "Private Extensions to the Session Initiation Protocol (SIP) for Asserted Identity within Trusted Networks".

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History

Document history		
V1.1.1	July 2006	Publication
V3.1.1	July 2011	Publication
V4.1.1	October 2015	Publication

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