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IMS Network Testing (INT); Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 2: Test Suite Structure and Test Purposes (TSS&TP)

Reference RTS/INT-00069-2

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Keywords

CB, IMS, testing, TSS&TP

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### Foreword

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

The present document is part 2 of a multi-part deliverable covering the Conformance Test Specification of Anonymous Communication Rejection (ACR) and Communication Barring (CB) 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)";

Part 3: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification".

## Introduction

The IP Multimedia core network Subsystem (IMS) consists of multiple functional entities and interfaces. The goal of this work is to provide the conformance tests for Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem that are based on SIP messages. Test purposes defined in the present document have been developed based on the requirements stated in the 3GPP IMS Release 10.

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### 1 Scope

The present document provides the Test Suite Structure and Test Purposes (TSS&TP) specification for the Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem defined in [1].

### 2 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 <a href="http://docbox.etsi.org/Reference">http://docbox.etsi.org/Reference</a>.

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#### 2.1 Normative references

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

- [1] ETSI TS 124 611: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.611 Release 10)".
- [2] ETSI TS 186 017-1: "IMS Network Testing (INT); Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem 3GPP Release 10; Conformance Testing Specification Part 1: Protocol Implementation Conformance Statement (PICS)".
- [3] Void.
- [4] ETSI TS 124 623: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 Release 10)".

### 2.2 Informative references

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] IETF RFC 3261: "SIP: Session Initiation Protocol".

## 3 Definitions and abbreviations

#### 3.1 Definitions

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

escaped character: See RFC 3261 [i.1].

NOTE: This may contain additional information.

### 3.2 Abbreviations

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

ACR	Anonymous Communication Rejection
ACK	Application Server
CB	Communication Barring
CDIV	Communication DIVersion services
CFU	
CN	Communication Forwarding Unconditional Core Network
ICB	
	Incoming Communication Barring
ICB	Incoming Communication Barring
IM	IP Multimedia
IMS	IP Multimedia Subsystem
IP	Internet Protocol
ISC	IMS Service Control
NGN	Next Generation Network
NNI	Network to Network Interface
OCB	Outgoing Communication Barring
OCB	Outgoing Communication Barring
OIP	Originating Identification Presentation
PICS	Protocol Implementation Conformance Statement
SCC	Service Code Command
SDP	Session Description Protocol
SIP	Session Initiation Protocol
SUT	System Under Test
TP	Test Purposes
TSS	Test Suite Structure
UA	User Agent
XCAP	Extensible Markup Language Configuration Access Protocol
XML	Extensible Markup Language
	······································

# 4 Test Suite Structure (TSS)

ACR-CB			
	Network	OCB_originating_AS	ACR-CB_N01_xxx
	OCB	ICB_terminating_AS	ACR-CB_N02_xxx
	ICB	ACR_terminating_AS	ACR-CB_N03_xxx
		interaction_OIP	ACR-CB_N04_xxx
		interaction_CONF	ACR-CB_N05_xxx
		interaction_CDIV	ACR-CB_N06_xxx
	User	Destination_UE	ACR-CB_U01_xxx

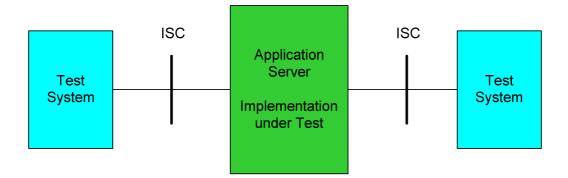
### 4.1 Configuration

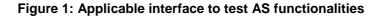
The scope of the present document is to test the signalling and procedural aspects of the stage 3 requirements as described in TS 124 611 [1]. The stage 3 description describes the requirements for several network entities and also the requirements regarding for terminal devices. Therefore several interfaces (reference points) are addressed to satisfy the test of the different entities.

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

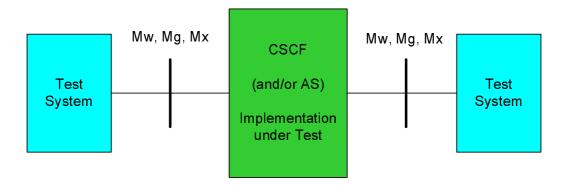
#### 4.1.1 Testing of the AS

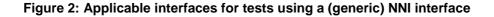
The AS entity is responsible for performing and managing the services. The ISC interface is the appropriate access point for testing as indicated in figure 1.





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 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 3 has been chosen.

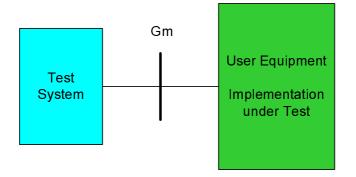


Figure 3: Applicable configuration to test UE functionalities

# 5 Test Purposes (TP)

### 5.1 Introduction

For each test requirement 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 1).

8

Table 1: TP identifier	naming	convention	scheme
------------------------	--------	------------	--------

Identifier: <s< th=""><th colspan="7">Identifier: <ss>_<iut><group>_<nnn></nnn></group></iut></ss></th></s<>	Identifier: <ss>_<iut><group>_<nnn></nnn></group></iut></ss>						
<\$\$>	=	supplementary service:	e.g. "ACR-C	В"			
<iut></iut>	=	type of IUT:	U N	User – equipment Network			
<group></group>	=	group	2 digit field I	representing group reference according to TSS			
<nnn></nnn>	=	sequential number	(001-999)				

#### 5.1.2 Test strategy

As the base standard TS 124 611 [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 TS 186 017-1 [2]. The criteria applied include the following:

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

# 5.2 TPs for Communication Barring (CB) and Anonymous Communication Rejection (ACR)

### 5.2.1 Actions for OCB at the originating AS

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_001	4.5.2.4.1	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/3 AND
			NOT PICS 4.7.1/4 AND
			PICS 4.7.1/6
Test purpose			
Outgoing communication barring evaluates			
Ensure that an outgoing communication is	,	ation of the called nu	mber matches in one of the
served user's outgoing communication barr			
Ensure that the SUT is sending a 603 (Dec			is rejected.
The service configuration takes place over	the Ut interface using XC	CAP.	
XML abstract			
<outgoing-communication-barring active="t&lt;/td&gt;&lt;td&gt;ruo"></outgoing-communication-barring>			
<ruleset></ruleset>			
<rule id="&lt;any identifier&gt;"></rule>			
<pre><conditions></conditions></pre>			
<identity></identity>			
<pre><one id="[any URI (PI)&lt;/pre&gt;&lt;/td&gt;&lt;td&gt;X&lt;i&gt;IT)1&lt;/i&gt;"></one></pre>			
	<i>,</i>		
<actions></actions>			
<allow>false</allow>			
Comments:	OUT		
UAC	SUT	UAS	
HTTP Request (activate outgoing communi	ication barring "identity")		
	( source )		
INVITE -			
100 Trying 🗧 🗧			
603 Decline			
ACK →			
HTTP Request (deactivate outgoing comm	unication barring "identity	y")	

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_002	4.5.2.4.1	PICS 4.5.1/2 AND
_ 5 5_		4.9.1.4	PICS 4.7.1/3 AND
			PICS 4.7.1/4 AND
			PICS 4.7.1/6
Test purpose			[·····
Outgoing communication barring evaluates	'identity' with one item.	Configuration over U	t interface. An announcement
is provided.		<i>с. са</i> и и	
Ensure that an outgoing communication is		ation of the called hum	nder matches in one of the
served user's outgoing communication bar			
Ensure that the SUT provides an announce	ement to the originating u	iser before sending a	603 (Decline) final response
when the communication is rejected.			
The service configuration takes place over	the Ut interface using XC	CAP.	
XML abstract			
<outgoing-communication-barring active="t&lt;/td&gt;&lt;td&gt;rue"></outgoing-communication-barring>			
<ruleset></ruleset>			
<rule id="&lt;any identifier&gt;"></rule>			
<conditions></conditions>			
<identity></identity>			
<pre><one id="[any URI (PI]&lt;/pre&gt;&lt;/td&gt;&lt;td&gt;&lt;i&gt;XIT)I&lt;/i&gt;"></one></pre>			
<actions></actions>			
<allow>false</allow>			
Comments:			
UA C	SUT	UA S	
		0/10	
HTTP Request (activate outgoing commun	ication barring "identity")		
INVITE ->			
183 Session Progress			
Announceme	ont		
603 Decline	****		
ACK			
HTTP Request (deactivate outgoing comm	unication barring "identity	<i>u</i> ")	
ITTT TREQUEST (DEACTIVATE OUTGOING COMM	unication barning identity	y )	

TSS		TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating	g_AS	ACR-CB_N01_003	4.5.2.4.1	PICS 4.5.1/2 AND
			4.3.2/ [4]	PICS 4.7.1/3 AND
			4.3.3/ [4]	NOT PICS 4.7.1/4 AND
				PICS 4.7.1/7
Test purpose				
Outgoing communication barring e				
Ensure that an outgoing communi			ation of the called nur	mber matches in one of the
served user's outgoing communication				
Ensure that the SUT is sending a (				is rejected.
The service configuration takes pla	ace using \$	SIP based user configu	ration.	
SIP header values:				
INVITE 1: Request line sip: <servi< td=""><td>ce code&gt;;</td><td>phone-context=<any do<="" td=""><td>main&gt;;user=dialstrin</td><td>ig SIP/2.0</td></any></td></servi<>	ce code>;	phone-context= <any do<="" td=""><td>main&gt;;user=dialstrin</td><td>ig SIP/2.0</td></any>	main>;user=dialstrin	ig SIP/2.0
Comments:				
UAC		SUT	UA S	
INVITE 1	$\rightarrow$			
200 OK INVITE	+			
ACK	<b>→</b>			
Result announcem		tion		
BYE	<b>→</b>			
200 OK BYE	÷			
INVITE 2	→			
100 Trying	←			
603 Decline	÷			
ACK	÷			
-				
INVITE 1	→			
	←			
200 OK INVITE	~			
200 OK INVITE	÷			
200 OK INVITE	→	ation		
200 OK INVITE ACK	→	ation		

TSS		TP	CB reference	Selection expression
ACR-CB/Network/OCB_originatir	a AS	ACR-CB_N01_004	4.5.2.4.1	PICS 4.5.1/2 AND
······································	5		4.3.2/ [4]	PICS 4.7.1/2 AND
			4.3.3/ [4]	PICS 4.7.1/4 AND
				PICS 4.7.1/7
Test purpose			•	·
Outgoing communication barring	evaluates	' <b>identity'</b> with one item.	Configuration using	SIP based user configuration.
An announcement is provided.				
Ensure that an outgoing commun			ation of the called nu	mber matches in one of the
served user's outgoing communic				
Ensure that the SUT provides an		ment to the originating u	iser before sending a	a 603 (Decline) final response
when the communication is reject				
The service configuration takes p	lace using	SIP based user configu	ration.	
SIP header values:				
INVITE 1: Request line sip: <ser< td=""><td>/ice code&gt;;</td><td>phone-context=<any do<="" td=""><td>omain&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any></td></ser<>	/ice code>;	phone-context= <any do<="" td=""><td>omain&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any>	omain>;user=dialstrin	ng SIP/2.0
Comments:		OUT		
	、	SUT	UA S	
	→ ←			
200 OK INVITE ACK				
Result announcen	-	tion		
BYE				
200 OK BYE	÷			
	•			
INVITE 2	→			
183 Session Progress	+			
	ouncemer	nt		
603 Decline	+			
ACK	→			
INVITE 1	<b>→</b>			
200 OK INVITE	+			
ACK	→			
Result announceme		ation		
BYE 200 OK BYE	→ ←			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_005	4.5.2.4.1	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/3 AND
		4.3.1.4	NOT PICS 4.7.1/4 AND
			PICS 4.7.1/6
Test purpose			
Outgoing communication barring evaluates	identity' in a list of iten	s. Configuration ove	r Ut interface.
Ensure that an outgoing communication is re			
(White list) of the served user's outgoing cor			
Ensure that the SUT is sending a 603 (Decli			is rejected.
The service configuration takes place over the			
XML abstract			
<outgoing-communication-barring active="true&lt;/td&gt;&lt;td&gt;ue"></outgoing-communication-barring>			
<ruleset></ruleset>			
<rule id="&lt;any identifier&gt;"></rule>			
<conditions></conditions>			
<identity></identity>			
-	pt id="[any URI (PIXIT	)]"/>	
<actions></actions>			
<allow>false</allow>			
 Comments:			
UA C	SUT	UA S	
	301	04.5	
HTTP Request (activate outgoing communic	ation barring "identity")		
INVITE ->			
INVITE → 100 Trying ←			
603 Decline			
ACK			
HTTP Request (deactivate outgoing commu	nication barring "identity	/")	

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_006	4.5.2.4.1	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/3 AND
			PICS 4.7.1/4 AND
			PICS 4.7.1/6
Test purpose		•	
Outgoing communication barring evaluates	' <b>identity'</b> in a list of iten	ns. Configuration over	Ut interface. An
announcement is provided.			
Ensure that an outgoing communication is re			ber matches not in the list
(White list) of the served user's outgoing cor			
Ensure that the SUT provides an announcer	ment to the originating L	iser before sending a e	bu3 (Decline) final response
when the communication is rejected.	halltintanfaasusina VC		
The service configuration takes place over to XML abstract	ne Ut interface using XC	JAP.	
AML adstract			
<outgoing-communication-barring active="tr&lt;/td&gt;&lt;td&gt;ue"></outgoing-communication-barring>			
<ruleset></ruleset>			
<rule id="&lt;any identifier&gt;"></rule>			
<pre><conditions></conditions></pre>			
<identity></identity>			
<many <excep<="" td=""><td>t id="[any URI (PIXIT)]</td><td>"/&gt;</td></many>	t id="[any URI (PIXIT)]	"/>	
		-	
<actions></actions>			
<allow>false</allow>			
Comments:	<b></b>		
UAC	SUT	UA S	
HTTP Request (activate outgoing communic	cation barring "identity")		
	ation barning identity )		
INVITE -			
183 Session Progress			
Announceme	nt		
603 Decline			
ACK +			
HTTP Request (deactivate outgoing commu	nication barring "identit	/")	
	0		

TSS	ТР	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB N01 007	4.5.2.4.1	PICS 4.5.1/2 AND
		4.3.2/ [4]	PICS 4.7.1/3 AND
		4.3.3/ [4]	NOT PICS 4.7.1/4 AND
		4.0.0/ [4]	PICS 4.7.1/7
Test purpose			
Outgoing communication barring evaluates	s ' <b>identity</b> ' in a list of item	ns. Configuration usir	na SIP based user
configuration.	· · · · · · · · · · · · · · · · · · ·		
Ensure that an outgoing communication is	rejected when the evaluation	ation of the called nu	mber matches not in the list
(White list) of the served user's outgoing co			
Ensure that the SUT is sending a 603 (Dec	cline) final response wher	n the communication	is rejected.
The service configuration takes place using	g SIP based user configu	ration.	-
SIP header values:			
INVITE 1: Request line sip: <service code<="" td=""><td>&gt;;phone-context=<any do<="" td=""><td>omain&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any></td></service>	>;phone-context= <any do<="" td=""><td>omain&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any>	omain>;user=dialstrin	ng SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement activ	vation		
BYE →			
200 OK BYE 🗧 🗲			
INVITE 2			
100 Trying ← 603 Decline ←			
INVITE 1			
ACK +			
Result announcement deact	ivation		
BYE 🗕 🗲			
200 OK BYE 🔶			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB N01 008	4.5.2.4.1	PICS 4.5.1/2 AND
		4.3.2/ [4]	PICS 4.7.1/3 AND
		4.3.3/ [4]	PICS 4.7.1/4 AND
			PICS 4.7.1/7
Test purpose			
Outgoing communication barring evalua	tes ' <b>identity'</b> in a list of iten	ns. Configuration usir	ng SIP based user
configuration. An announcement is prov		C C	-
Ensure that an outgoing communication		ation of the called nui	mber matches not in the list of
the served user's outgoing communication			
Ensure that the SUT provides an annou	ncement to the originating u	user before sending a	a 603 (Decline) final response
when the communication is rejected.			
The service configuration takes place us	ing SIP based user configu	iration.	
SIP header values:			
INVITE 1: Request line sip: <service cod<="" td=""><td>de&gt;;phone-context=<any d<="" td=""><td>omain&gt;;user=dialstrir</td><td>ng SIP/2.0</td></any></td></service>	de>;phone-context= <any d<="" td=""><td>omain&gt;;user=dialstrir</td><td>ng SIP/2.0</td></any>	omain>;user=dialstrir	ng SIP/2.0
Comments:			
UAC	SUT	UA S	
	<b>→</b>		
	÷		
	→ tivetion		
Result announcement ac			
	<del>7</del> <del>(</del>		
200 OK BTE	C		
INVITE 2	<b>→</b>		
	<i>-</i>		
Announce	ment		
	<b>+</b>		
	<b>→</b>		
INVITE 1	→		
200 OK INVITE	÷		
ACK	<b>→</b>		
Result announcement dea	ectivation		
	<b>→</b>		
200 OK BYE	÷		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_009	4.5.2.4.1	PICS 4.5.1/2 AND
_ 0 0_		4.9.1.4	PICS 4.7.1/3 AND
			NOT PICS 4.7.1/4 AND
			PICS 4.7.1/8
Test purpose			
Outgoing communication barring evaluates	to an ' <b>external list'</b> . Co	nfiguration over Ut in	terface.
Ensure that an outgoing communication is r			
user's outgoing communication barring rules			
Ensure that the SUT is sending a 603 (Decl			is rejected.
The service configuration takes place over t			
XML abstract	<u> </u>	-	
<outgoing-communication-barring active="tr&lt;/td&gt;&lt;td&gt;ue"></outgoing-communication-barring>			
<ruleset></ruleset>			
<rule id="&lt;any identifier&gt;"></rule>			
<conditions></conditions>			
<external-list></external-list>			
<entry anc="&lt;any URI re&lt;/td&gt;&lt;td&gt;eferring to the external li&lt;/td&gt;&lt;td&gt;st (PIXIT)&gt;"></entry>	>		
<actions></actions>			
<allow>false</allow>			
Comments:			
UAC	SUT	UA S	
HTTP Request (activate outgoing communic	cation barring "external-	list")	
	0	,	
INVITE +			
100 Trying			
603 Decline 🗕			
603 Decline ← ACK →			
	inication barring "extern	al-list")	

rss	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_010	4.5.2.4.1	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/3 AND
			PICS 4.7.1/4 AND
			PICS 4.7.1/8
Test purpose			
Outgoing communication barring evaluates	to an ' <b>external list'</b> . Co	nfiguration over Ut inte	erface. An announcement is
provided.			
Ensure that an outgoing communication is r	ejected when the evalua	ation of the called num	ber matches the served
user's outgoing communication barring rules	s referring to an externa	l list.	
Ensure that the SUT provides an announce	ment to the originating u	ser before sending a	603 (Decline) final response
when the communication is rejected.			
The service configuration takes place over t	he Ut interface using X0	CAP.	
KML abstract	0		
<outgoing-communication-barring active="tr&lt;/td&gt;&lt;td&gt;ue"></outgoing-communication-barring>			
<ruleset></ruleset>			
<rule id="&lt;any identifier&gt;"></rule>			
<conditions></conditions>			
<external-list></external-list>			
<entry anc="&lt;any URI re&lt;/td&gt;&lt;td&gt;eferring to the external li&lt;/td&gt;&lt;td&gt;st (PIXIT)&gt;"></entry>			
<actions></actions>			
<allow>false</allow>			
Comments:			
JAC	SUT	UA S	
HTTP Request (activate outgoing communic	cation barring "external-	list")	
NVITE →			
183 Session Progress	nt		
	iii.		
503 Decline			
ACK →			
ACK →	alertica herris - Verst	-1 !:-+")	

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_011	4.5.2.4.1	PICS 4.5.1/2 AND
			PICS 4.7.1/2 AND
			NOT PICS 4.7.1/4 AND
			PICS 4.7.1/9
Test purpose			
Outgoing communication barring evaluates			
Ensure that an outgoing communication is			mber matches the served
user's outgoing communication barring rule			
Ensure that the SUT is sending a 603 (Dec			is rejected.
The service configuration takes place using	SIP based user configu	ration.	
SIP header values:			
INVITE 1: Request line sip: <service code=""></service>	;phone-context= <any do<="" td=""><td>omain&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any>	omain>;user=dialstrin	ng SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK			
Result announcement activ	ation		
BYE →			
200 OK BYE +			
INVITE 2			
100 Trying +			
603 Decline			
ACK 🗕			
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement deact	vation		
BYE 🔶			
200 OK BYE 🗧 🗲			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB_N01_012	4.5.2.4.1	PICS 4.5.1/2 AND
			PICS 4.7.1/3 AND
			PICS 4.7.1/4 AND
			PICS 4.7.1/9
Test purpose			
Outgoing communication barring evaluate	es to an ' <b>external list'</b> . Co	nfiguration using SIP	based user configuration. An
announcement is provided.			
Ensure that an outgoing communication is			mber matches the served
user's outgoing communication barring rul			
Ensure that the SUT provides an annound	cement to the originating u	user before sending a	a 603 (Decline) final response
when the communication is rejected.	OID harad warm (		
The service configuration takes place usin	ig SiP based user configu	iration.	
SIP header values:	hone contact acred	mains waar dialatein	
INVITE 1: Request line sip: <service code<br="">Comments:</service>	e>;pnone-context= <any d<="" td=""><td>omain&gt;;user=diaistrin</td><td>ig SIP/2.0</td></any>	omain>;user=diaistrin	ig SIP/2.0
UA C	SUT	UA S	
		UAS	
200 OK INVITE			
ACK			
Result announcement acti	vation		
BYE →			
200 OK BYE			
INVITE 2	•		
183 Session Progress			
Announcem			
603 Decline			
ACK →	•		
INVITE 1			
200 OK INVITE			
ACK			
Result announcement deac			
Result announcement deac BYE →			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/OCB_originating_AS	ACR-CB N01 013	4.5.2.4.1	PICS 4.5.1/2 AND
	ACR-CB_N01_013	4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/3 AND
			PICS 4.7.1/7 AND
		4.3.3/ [4]	
Toot mumooo			NOT PICS 4.7.1/4
<b>Test purpose</b> Outgoing communication barring evaluates ' configuration.	international' with one	item. Configuration u	using SIP based user
Ensure that an outgoing communication is re	ejected when the evaluate	ation of the called nu	mber matches with the served
user's outgoing communication barring rules			
Ensure that the SUT is sending a 603 (Declin			is rejected.
The service configuration takes place using	SIP based user configu	ration.	,
SIP header values:	0		
INVITE 1: Request line sip: <service code="">;</service>	phone-context= <any do<="" td=""><td>omain&gt;;user=dialstrir</td><td>ng SIP/2.0</td></any>	omain>;user=dialstrir	ng SIP/2.0
Comments:		·	-
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement activa	tion		
BYE →			
200 OK BYE 🗧 🗲			
INVITE 2 →			
100 Trying 🗧 🗧			
603 Decline			
ACK →			
200 OK INVITE			
ACK			
Result announcement deactiv	ation		
BYE →			
200 OK BYE +			

### 5.2.2 Actions for ICB at the terminating AS

TSS	ТР	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_001	4.5.2.6.1	PICS 4.5.1/2 AND
0-		4.9.1.4	PICS 4.7.1/2 AND
			NOT PICS 4.7.1/4 AND
			PICS 4.7.1/10
Test purpose			
Incoming communication barring evaluates			
Ensure that an incoming communication is r			Identity or the From header
field matches one of the served user's incom			
Ensure that the SUT is sending a 603 (Decli			rejected.
The service configuration takes place over the	ne Ut interface using XCA	Ρ.	
XML abstract			
<incoming-communication-barring active="tr&lt;/td&gt;&lt;td&gt;ue"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<identity></identity>			
<one id="[any URI (PIX&lt;/td&gt;&lt;td&gt;/T)]"></one>			
	-		
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
Comments:	0.117		
UAC	SUT	UA S	
HTTP Request (activate outgoing communic	cation barring "identity")		
INVITE -			
100 Trying			
603 Decline			
ACK →			
HTTP Request (deactivate outgoing commu	nication barring "identity")		
	internet second gradenity (		

<b>T</b> 00	TD		
TSS		CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_002	4.5.2.6	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/4 AND
			PICS 4.7.1/10
Test purpose			
Incoming communication barring evaluates 'i			
Ensure that an incoming communication is re			Identity or the From header
field matches one of the served user's incomi			
Ensure that the SUT provides an announcem	ent to the originating use	er before sending a 60	03 (Decline) final response
when the communication is rejected.			
The service configuration takes place over th	e Ut interface using XCA	Ρ.	
XML abstract			
<incoming-communication-barring active="tru&lt;/td&gt;&lt;td&gt;ie"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<identity></identity>			
<one id="[any URI (PIXI&lt;/td&gt;&lt;td&gt;&lt;i&gt;T)]&lt;/i&gt;"></one>			
	/-		
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
Comments:			
UA C	SUT	UA S	
	661	UN U	
HTTP Request (activate outgoing communica	ation barring "identity")		
	ation barning identity )		
INVITE -			
100 Trying			
Announcemen	t .		
603 Decline	L		
ACK			
UTTD Doquest (depetitiets outgoing community	ination barrian "identity"		
HTTP Request (deactivate outgoing commun	ication parring identity")		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB terminating AS	ACR-CB_N02_0		PICS 4.5.1/2 AND
		4.3.2/ [4]	PICS 4.7.1/2 AND
		4.3.3/ [4]	NOT PICS 4.7.1/4 AND
		4.0.0/ [4]	PICS 4.7.1/11
Test purpose			[·····
Incoming communication barring evalua	tes ' <b>identity'</b> . Configurati	on using SIP based user o	configuration.
Ensure that an incoming communication			
field matches one of the served user's ir			2
Ensure that the SUT is sending a 603 (I	Decline) final response wh	en the communication is	rejected.
The service configuration takes place us	sing SIP based user confi	guration.	-
SIP header values:		-	
INVITE 1: Request line sip: <service co<="" td=""><td>de&gt;;phone-context=<any< td=""><td>domain&gt;;user=dialstring \$</td><td>SIP/2.0</td></any<></td></service>	de>;phone-context= <any< td=""><td>domain&gt;;user=dialstring \$</td><td>SIP/2.0</td></any<>	domain>;user=dialstring \$	SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1	<b>→</b>		
200 OK INVITE	←		
ACK	→		
Result announcement ac			
BYE	<b>→</b>		
200 OK BYE	←		
	`		
INVITE 2	→		
100 Trying 603 Decline	=		
ACK	<b>←</b> →		
ACK	7		
INVITE 1	<b>→</b>		
200 OK INVITE	÷		
ACK	<b>→</b>		
Result announcement dea	ctivation		
BYE	→		
200 OK BYE	÷		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB N02 004	4.5.2.6.1	PICS 4.5.1/2 AND
<u> </u>		4.3.2/ [4]	PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/4 AND
			PICS 4.7.1/11
Test purpose		•	
Incoming communication barring evaluates 'i	dentity'. Configuration us	sing SIP based user o	configuration. An
announcement is provided.		-	-
Ensure that an incoming communication is re			Identity or the From header
field matches one of the served user's incomi			
Ensure that the SUT provides an announcem	ent to the originating use	r before sending a 60	03 (Decline) final response
when the communication is rejected.			
The service configuration takes place using S	IP based user configurat	tion.	
SIP header values:			
INVITE 1: Request line sip: <service code="">;p</service>	hone-context= <any dom<="" td=""><td>ain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	ain>;user=dialstring S	SIP/2.0
Comments:	<b></b>		
UAC	SUT	UA S	
200 OK INVITE			
ACK → Result announcement activat	ion		
BYE	ion		
200 OK BYE			
INVITE 2			
100 Trying			
Announcement	ł		
603 Decline	•		
ACK +			
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement deactiva	ation		
BYE 🔶			
200 OK BYE 🔶			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_005	4.5.2.6.1	PICS 4.5.1/2 AND
	ACK-CB_N02_003	4.9.1.4	PICS 4.7.1/2 AND
		4.9.1.4	NOT PICS 4.7.1/2 AND
			PICS 4.7.1/10
			FICS 4.7.1/10
Test purpose		0	
Incoming communication barring evaluates 'i			
Ensure that an incoming communication is re			
field matches not in the list (White list) of the			
Ensure that the SUT is sending a 603 (Declir			ejected.
The service configuration takes place over th	e Ut interface using XCA	Р.	
XML abstract			
<incoming-communication-barring [any="" active="tru&lt;/td&gt;&lt;td&gt;ne.&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;ruleset&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;rule id=" identifier]"=""></incoming-communication-barring>			
<conditions></conditions>			
<identity></identity>			
	id="[any URI (PIXIT)]"/>		
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
Comments:			
UA C	SUT	UA S	
HTTP Request (activate outgoing communication	ation barring "identity")		
	adon barning racinity )		
INVITE -			
100 Trying 🗧 🗧			
603 Decline			
ACK →			
HTTP Request (deactivate outgoing commur	nication barring "identitv")		
a sect (sector secgering community			

rss	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_006	4.5.2.6.1	PICS 4.5.1/2 AND
_ 5_		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/4 AND
			PICS 4.7.1/10
Fest purpose		•	
Incoming communication barring evaluates 'ic	lentity' in a list of items.	Configuration over U	t interface. An
announcement is provided.			
Ensure that an incoming communication is rej			
ield matches not in the list (White list) of the s			
Ensure that the SUT provides an announceme	ent to the originating use	r before sending a 60	03 (Decline) final response
when the communication is rejected.			
The service configuration takes place over the	Ut interface using XCA	Р.	
KML abstract			
<incoming-communication-barring active="true&lt;/p&gt;&lt;/td&gt;&lt;td&gt;0"></incoming-communication-barring>			
<ruleset></ruleset>	6 -		
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<identity></identity>			
	id="[any URI (PIXIT)]"/>		
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
Comments:			
JA C	SUT	UA S	
HTTP Request (activate outgoing communica	tion barring "identity")		
The request (activate outgoing communica	non barning identity )		
NVITE -			
100 Trying 🗧 🗧			
Announcement			
603 Decline 🗧			
ACK →			
HTTP Request (deactivate outgoing communi	action barring "identity"		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_007	4.5.2.6.1	PICS 4.5.1/2 AND
		4.3.2/ [4]	PICS 4.7.1/2 AND
		4.3.3/ [4]	NOT PICS 4.7.1/4 AND
		1.0.0/[1]	PICS 4.7.1/11
Test purpose			
Incoming communication barring evaluates 'i	dentity' in a list of items.	Configuration using S	SIP based user
configuration.	-	<b>·</b> ·	
Ensure that an incoming communication is re	jected when the evaluation	on of the P-Asserted-	Identity or the From header
field matches not in the list (White list) of the			
Ensure that the SUT is sending a 603 (Declin	e) final response when the	ne communication is i	ejected.
The service configuration takes place using S	SIP based user configurat	ion.	
SIP header values:			
INVITE 1: Request line sip: <service code="">;p</service>	hone-context= <any dom<="" td=""><td>ain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	ain>;user=dialstring S	SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1			
200 OK INVITE			
ACK			
Result announcement activat	ion		
BYE -			
200 OK BYE 🗧 🗲			
INVITE 2			
100 Trying			
603 Decline			
ACK			
INVITE 1			
200 OK INVITE			
ACK +			
Result announcement deactive	ation		
BYE →			
200 OK BYE 🗕 🗲			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_008	4.5.2.6.1	PICS 4.5.1/2 AND
	ACK-CD_N02_000	4.3.2/ [4]	PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/4 AND
		1.0.0/[1]	PICS 4.7.1/11
Test purpose			
Incoming communication barring evaluates 'i	identity' in a list of items.	Configuration using S	SIP based user
configuration. An announcement is provided.		5 5	
Ensure that an incoming communication is re		on of the P-Asserted-	Identity or the From header
field matches not in the list (White list) of the			
Ensure that the SUT provides an announcem	nent to the originating use	r before sending a 60	3 (Decline) final response
when the communication is rejected.			
The service configuration takes place using \$	SIP based user configurat	ion.	
SIP header values:			
INVITE 1: Request line sip: <service code="">;p</service>	phone-context= <any dom<="" td=""><td>ain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	ain>;user=dialstring S	SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1			
200 OK INVITE			
ACK >			
Result announcement activat	tion		
BYE → 200 OK BYE ←			
INVITE 2			
100 Trying			
Announcemen	t		
603 Decline	-		
ACK			
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement deactive	ation		
BYE →			
200 OK BYE +			

TSS ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_009	<b>CB reference</b> 4.5.2.6.1 4.9.1.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/12
Test purpose Incoming communication barring evaluates of Ensure that an incoming communication is re- field matches the served user's incoming cor Ensure that the SUT is sending a 603 (Declin The service configuration takes place over the XML abstract	ejected when the evaluation nmunication barring rules the) final response when the	on of the P-Asserted- referring to an extern ne communication is r	nal list.
  <actions> <allow>false</allow> </actions>   incoming-communication-barring	ue"> ferring to the external list	<i>(PIXIT)</i> >">	
Comments: UA C	SUT	UA S	
HTTP Request (activate outgoing communic	ation barring "identity")		
INVITE → 100 Trying ← 603 Decline ← ACK → HTTP Request (deactivate outgoing commu	nication barring "identity")		

TSS	ТР	CB reference	Solaction expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_010	4.5.2.6	Selection expression PICS 4.5.1/2 AND
	ACK-CD_NUZ_UIU		PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND PICS 4.7.1/4 AND
<b>-</b>			PICS 4.7.1/12
Test purpose Incoming communication barring evaluates 'ex	tternal list'. Configurat	on over Ut interface. A	An announcement is
provided.			
Ensure that an incoming communication is reje	ected when the evaluat	on of the P-Asserted-I	dentity or the From header
field matches the served user's incoming comr			
Ensure that the SUT provides an announceme	ent to the originating use	er before sending a 60	3 (Decline) final response
when the communication is rejected.		-	
The service configuration takes place over the	Ut interface using XCA	۰P.	
XML abstract			
<incoming-communication-barring active="true&lt;/td&gt;&lt;td&gt;e"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<pre><conditions></conditions></pre>			
<external-list></external-list>			
<pre><entry anc="&lt;any URI refe&lt;/pre&gt;&lt;/td&gt;&lt;td&gt;rring to the external list&lt;/td&gt;&lt;td&gt;(PIXIT)&gt;"></entry></pre>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring Comments:			
UA C	SUT	UA S	
HTTP Request (activate outgoing communicat	ion barring "identity")		
	ion barning identity )		
INVITE →			
100 Trying 🖌 🕂			
Announcement			
603 Decline			
ACK →			
HTTP Request (deactivate outgoing communic	cation barring "identity"		

TSS	ТР	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_011	4.5.2.6.1	Selection expression PICS 4.5.1/2 AND
	ACK-CD_NU2_011	4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.3.3/ [4]	NOT PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/13
Test purpose			FIC3 4.7.1/13
Incoming communication barring evaluates 'ex	tornal list! Configurati	on uning SID bood u	oor configuration
Ensure that an incoming communication is reje			
field matches the served user's incoming com			
Ensure that the SUT is sending a 603 (Decline			
The service configuration takes place using SI			ejecteu.
SIP header values:	i based user configura		
INVITE 1: Request line sip: <service code="">;ph</service>	one-context= <anv.dom< td=""><td>ain&gt;:user=dialstring S</td><td>SIP/2 0</td></anv.dom<>	ain>:user=dialstring S	SIP/2 0
Comments:	iono contoxt= carly doni		, , , , , , , , , , , , , , , , , , ,
UA C	SUT	UA S	
INVITE 1	•••	•••••	
200 OK INVITE			
ACK +			
Result announcement activation	on		
BYE →			
200 OK BYE 🗧 🗲			
INVITE 2 →			
100 Trying 🗧 🗧 🗧			
603 Decline			
ACK →			
INVITE 1 →			
200 OK INVITE			
ACK →	_		
Result announcement deactivat	ion		
BYE →			
200 OK BYE +			

TSS	ТР	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_012	4.5.2.6.1	PICS 4.5.1/2 AND
		4.3.2/ [4]	PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/4 AND
			PICS 4.7.1/13
Test purpose			
Incoming communication barring evaluates '	external list'. Configuration	on using SIP based u	ser configuration. An
announcement is provided.			
Ensure that an incoming communication is re			
field matches the served user's incoming con			
Ensure that the SUT provides an announcerr when the communication is rejected.	tent to the originating use	r before sending a 60	3 (Decline) final response
The service configuration takes place using \$	SIP based user configurat	ion	
SIP header values:	SIF Dased user conliguiat		
INVITE 1: Request line sip: <service code="">;</service>	phone-context= <any dom<="" td=""><td>ain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	ain>;user=dialstring S	SIP/2.0
Comments:		, C	
UAC	SUT	UA S	
INVITE 1 -			
200 OK INVITE			
ACK 🗕			
Result announcement activat	tion		
BYE →			
200 OK BYE			
INVITE 2 →			
100 Trying 🗧 🗧			
Announcemen	t		
603 Decline			
АСК →			
INVITE 1			
200 OK INVITE			
ACK →			
Result announcement deactive	ation		
BYE →			
200 OK BYE +			

purpose ming communication barring evaluates 'comm ure that an incoming communication is rejected ed user's incoming communication barring rule ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>	CR-CB_N02_013 <b>nunication-diverted</b> . d when the evaluation es. al response when the	of the History-info hea	ader field matches the
purpose ming communication barring evaluates 'comm ure that an incoming communication is rejected ed user's incoming communication barring rule ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>	nunication-diverted. d when the evaluation es. al response when the	4.9.1.4 Configuration over Ut of the History-info hea	PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/16 <i>interface.</i> ader field matches the
ming communication barring evaluates 'comm ure that an incoming communication is rejected ed user's incoming communication barring rule ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <communication-diverted></communication-diverted>  <actions></actions></rule>	d when the evaluation es. al response when the	Configuration over Ut of the History-info hea	NOT PICS 4.7.1/4 AND PICS 4.7.1/16 <i>interface.</i> ader field matches the
ming communication barring evaluates 'comm ure that an incoming communication is rejected ed user's incoming communication barring rule ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <communication-diverted></communication-diverted>  <actions></actions></rule>	d when the evaluation es. al response when the	of the History-info hea	PICS 4.7.1/16 <i>interface.</i> ader field matches the
ming communication barring evaluates 'comm ure that an incoming communication is rejected ed user's incoming communication barring rule ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <communication-diverted></communication-diverted>  <actions></actions></rule>	d when the evaluation es. al response when the	of the History-info hea	<i>interface.</i> ader field matches the
ming communication barring evaluates 'comm are that an incoming communication is rejected ed user's incoming communication barring rule are that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> active="true"> abstract oming-communication-barring active="true"> active=true">	d when the evaluation es. al response when the	of the History-info hea	ader field matches the
ure that an incoming communication is rejected ed user's incoming communication barring rule ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <communication-diverted></communication-diverted>  <actions></actions></rule>	d when the evaluation es. al response when the	of the History-info hea	ader field matches the
ed user's incoming communication barring rule ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>	es. al response when the	-	
ure that the SUT is sending a 603 (Decline) fin service configuration takes place over the Ut i abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>	al response when the	communication is reje	ected.
service configuration takes place over the Ut i abstract oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>		communication is reje	
abstract coming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions> <actions> </actions> </actions> <td>nterrace using XCAP.</td><td></td><td></td></rule>	nterrace using XCAP.		
oming-communication-barring active="true"> uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>			
uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>			
uleset> <rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>			
<rule id="[any identifier]"> <conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions></rule>			
<conditions> <communication-diverted></communication-diverted> </conditions> <actions></actions>			
<pre><communication-diverted></communication-diverted>  <actions></actions></pre>			
<a>conditions&gt;</a>			
<actions></actions>			
<allow>false</allow>			
uleset>			
coming-communication-barring>			
header values:			
TE:			
History-Info: any value			
iments:			
	SUT	UA S	
P Request (activate outgoing communication I	barring "identity")		
TE 🗕 🗲			
Trying 🗧 🗧			
Decline F			
→			
P Request (deactivate outgoing communication	n barring "identity")		
	5 ,		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_014	4.5.2.6	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/4 AND
			PICS 4.7.1/16
Test purpose			
Incoming communication barring evaluates 'co	ommunication-diverte	d. Configuration over	Ut interface. An
announcement is provided.			
Ensure that an incoming communication is rej	ected when the evaluati	on of the History-info	header field matches the
served user's incoming communication barring		,	
Ensure that the SUT provides an announceme		er before sending a 60	3 (Decline) final response
when the communication is rejected.	0 0	0	
The service configuration takes place over the	Ut interface using XCA	P.	
XML abstract			
<incoming-communication-barring active="true&lt;/td&gt;&lt;td&gt;&lt;b&gt;&gt;&lt;/b&gt;" td="" ~<=""><td></td><td></td></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<communication-diverted></communication-diverted>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
INVITE:			
History-Info: any value			
Comments:	OUT		
UAC	SUT	UA S	
HTTP Request (activate outgoing communicat	tion barring "identity")		
INVITE →			
100 Trying			
Announcement			
603 Decline			
ACK →			
	action harring "identity"		
HTTP Request (deactivate outgoing communi			

TSS	ТР	CB reference	Coloction evenession
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_015	4.5.2.6.1	Selection expression PICS 4.5.1/2 AND
	ACR-CB_N02_015	4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.3.3/ [4]	NOT PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/17
Test purpose			1100 4.7.1717
Incoming communication barring evaluates '	communication-diverted	Configuration using	sIP based user
configuration.			
Ensure that an incoming communication is re	ejected when the evaluation	on of the History-info	header field matches the
served user's incoming communication barri	ng rules.	,	
Ensure that the SUT is sending a 603 (Decli		ne communication is r	ejected.
The service configuration takes place using	SIP based user configurat	tion.	
SIP header values:			
INVITE 2:			
History-Info: any value			
INVITE 1: Request line sip: <service code="">;</service>	phone-context= <any dom<="" td=""><td>ain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	ain>;user=dialstring S	SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement activa BYE →	tion		
200 OK BYE			
INVITE 2 →			
100 Trying			
603 Decline			
ACK +			
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement deactiv	ation		
BYE →			
200 OK BYE +			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_016	4.5.2.6.1	PICS 4.5.1/2 AND
	ACK-CB_N02_010	4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/2 AND PICS 4.7.1/4 AND
		4.0.0/[4]	PICS 4.7.1/17
Test purpose			1100 4.7.1717
Incoming communication barring evaluates	'communication-diverted	Configuration using	SIP based user
configuration. An announcement is provided			
Ensure that an incoming communication is		on of the History-infol	header field matches the
served user's incoming communication barr			
Ensure that the SUT provides an announce		r before sending a 60	3 (Decline) final response
when the communication is rejected.			
The service configuration takes place using	SIP based user configurat	tion.	
SIP header values:		-	
INVITE 2:			
History-Info: any value			
INVITE 1: Request line sip: <service code=""></service>	;phone-context= <any dom<="" td=""><td>ain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	ain>;user=dialstring S	SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement activ	ation		
BYE 🔶			
200 OK BYE 🗲			
INVITE 2 →			
100 Trying Announceme	nt		
603 Decline	nt		
ACK			
ACK			
INVITE 1			
200 OK INVITE			
ACK 🔶			
ACK → Result announcement deacti	vation		
	vation		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_017	4.5.2.6.1	PICS 4.5.1/2 AND
			PICS 4.7.1/2 AND
			PICS 4.7.1/6 AND
			PICS 4.7.1/22
Test purpose			
The SUT stores the identity in the incoming l			
Ensure that the identity of an incoming com			
served user sends a 603 Decline in the early			
additional call attempt to the served user is n the stored identity. (Applicable use in blacklis		coming communication	ion barring rules upgraded with
The service configuration takes place over the		۸D	
SIP header values:		AF.	
603 1:			
Reason: SIP;cause=603;text="De	cline"		
Comments:			
UAC	SUT	UA S	
HTTP Request (activate outgoing communic	ation barring "identity")		
180 Ringing		<ul> <li>180 Ringing</li> </ul>	
5 5 5		5 5 5	
		← 603 Decline	1
603 Decline 2	•	→ ACK	
ACK →			
603 Decline			
ACK			
HTTP Request (deactivate outgoing commun	nication barring "identity	")	
		,	

700	70		
TSS		CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_018	4.5.2.6.1	PICS 4.5.1/2 AND
			PICS 4.7.1/2 AND
			PICS 4.7.1/7 AND
			PICS 4.7.1/22
Test purpose			
The SUT stores the identity in the incoming			
Ensure that the identity of an incoming comr	nunication is stored in the	incoming communica	tion barring rules if the
served user sends a 603 Decline in the early	v dialogue containing a Re	eason header field cor	ntaining '603 Decline'. An
additional call attempt to the served user is r	ejected according the inc	oming communication	barring rules upgraded with
the stored identity. (Applicable use in blackli	st).	C	
The service configuration takes place over the		P.	
SIP header values:			
INVITE 1: Request line sip: <service code="">;</service>	phone-context= <anv dom<="" td=""><td>ain&gt;;user=dialstring S</td><td>SIP/2.0</td></anv>	ain>;user=dialstring S	SIP/2.0
		,	
603 1:			
Reason: SIP;cause=603;text="De	cline"		
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK +			
Result announcement activa	tion		
BYE 🗕			
200 OK BYE 🔶			
INVITE 2 →		INVITE	
180 Ringing 🗧 🗧	•	<ul> <li>180 Ringing</li> </ul>	
	•	<ul> <li>603 Decline 1</li> </ul>	
603 Decline 2		ACK	
ACK →			
INVITE →			
603 Decline 2			
ACK 🔶			
INVITE 1 →			
ACK +			
Result announcement deactiv	ation		
BYE A			
200 OK BYE			

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TSS	ТР	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_019	4.5.2.6.1	PICS 4.5.1/2 AND
			PICS 4.7.1/2 AND
			PICS 4.7.1/6 AND
			PICS 4.7.1/22
Test purpose			
The SUT stores the identity in the incoming bal	rring rules as indicated in	BYE. Configuration	over Ut interface.
Ensure that the identity of an incoming commu			
served user sends a BYE request in the confirm			
additional call attempt to the served user is reje		ning communication b	parring rules upgraded with
the stored identity. (Applicable use in blacklist).			
The service configuration takes place over the	Ut interface using XCAP		
SIP header values:			
BYE 1:			
Reason: SIP;cause=603;text="Decline Comments:	ne		
UA C	SUT	UA S	
UA C	301	UA S	
HTTP Request (activate outgoing communicati	ion barring "identity")		
	<b>→</b>	INVITE	
180 Ringing	÷	180 Ringing	
200 OK INVITE	÷	200 OK INVITE	
ACK	<b>→</b>	ACK	
	-		
BYE 2	+	BYE 1	
200 OK BYE →	<b>→</b>	200 OK BYE	
INVITE ->			
603 Decline			
ACK →			
HTTP Request (deactivate outgoing communic	ation barring "identity")		
	5		

TSS	ТР		Coloction evenession
		CB reference	Selection expression PICS 4.5.1/2 AND
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_020	4.5.2.6.1	
			PICS 4.7.1/2 AND
			PICS 4.7.1/7 AND
			PICS 4.7.1/23
Test purpose			
The SUT stores the identity in the incoming bar			
Ensure that the identity of an incoming commun			
served user sends a BYE request in the confirm			
additional call attempt to the served user is reje		ling communication b	arring rules upgraded with
the stored identity. (Applicable use in blacklist).			
The service configuration takes place over the	Ut Interface using XCAP.		
SIP header values:			
INVITE 1: Request line sip: <service code="">;pho</service>	one-context= <any domain<="" td=""><td>n&gt;;user=dialstring SIF</td><td>7/2.0</td></any>	n>;user=dialstring SIF	7/2.0
BYE 2:			
Reason: SIP;cause=603;text="Declin	10		
Comments:	CUT		
	SUT	UA S	
200 OK INVITE			
ACK →	-		
Result announcement activatio	'n		
200 OK BYE			
INVITE 2	<b>→</b>	INVITE	
180 Ringing	÷	180 Ringing	
200 OK INVITE	÷	200 OK INVITE	
ACK	$\rightarrow$	ACK	
	2	AON	
BYE 3	+	BYE 2	
200 OK BYE	÷	200 OK BYE	
	-	200 ON BIL	
INVITE 3			
603 Decline			
ACK			
INVITE 1			
ACK			
Result announcement deactivati	ion		
BYE 4			
200 OK BYE			

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_021	4.5.2.6.1	PICS 4.5.1/2 AND
-			PICS 4.7.1/2 AND
			PICS 4.7.1/6 AND
			PICS 4.7.1/22
Test purpose			
The SUT stores the identity in the incoming b over Ut interface.	parring rules as indicated	in a INVITE in the ea	rly dialogue. Configuration
Ensure that the identity of an incoming comm			
served user sends an INVITE with the proper			
attempt to the served user is rejected accordi	ng the incoming commu	nication barring rules	upgraded with the stored
identity. (Applicable use in blacklist).		_	
The service configuration takes place over the	e Ut interface using XCA	Р.	
SIP header values: INVITE 1: Request line sip: <service code="">;p</service>	hone-context- <any dom<="" td=""><td>ains:user-dialstring S</td><td>SIP/2 0</td></any>	ains:user-dialstring S	SIP/2 0
Comments:			511 / 2.0
UA C	SUT	UA S	
		•••••	
HTTP Request (activate outgoing communica	ation barring "identity")		
INVITE 1	-	INVITE	
180 Ringing ←	•	<ul> <li>180 Ringing</li> </ul>	
	÷	INVITE 1	
	-	200 OK INVITE	<b>E</b>
	•	ACK	
	÷	BYE	
	-	200 OK BYE	
4xxx ←	*		
ACK →	-	ACK	
INVITE 1			
603 Decline			
ACK +			
HTTP Request (deactivate outgoing commun	ication barring "identity")		

TSS	ТР	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_022	4.5.2.6.1	PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/7 AND
			PICS 4.7.1/23
Test purpose			
The SUT stores the identity in the incoming b over Ut interface.	arring rules as indicated	in a INVITE in the ea	rly dialogue. Configuration
Ensure that the identity of an incoming comm	unication is stored in the	incoming communica	ation barring rules if the
served user sends an INVITE with the proper			
attempt to the served user is rejected accordi			
identity. (Applicable use in blacklist).			
The service configuration takes place over the	e Ut interface using XCA	Р.	
SIP header values: INVITE 3: Request line sip: <service code="">;p</service>	hone-context= <anv dom<="" td=""><td>ain&gt;:user=dialstring S</td><td>SIP/2.0</td></anv>	ain>:user=dialstring S	SIP/2.0
Comments:			,
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK → Result announcement activat	lan		
BYE	ion		
200 OK BYE			
INVITE 2	<del>)</del>	INVITE	
180 Ringing 🗧 🗲	+	<ul> <li>180 Ringing</li> </ul>	
	+	INVITE 1	
	<del>)</del>	200 OK INVITE	Ξ
	+	ACK	
	+	BYE	
	, ,		
	_		
4xxx ← ACK →	÷		
	7	ACK	
INVITE 3			
603 Decline			
ACK →			
INVITE 1			
ACK			
Result announcement deactive	ition		
BYE 🔶			
200 OK BYE +			

TSS	ТР	ſ	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_023	-	1.5.2.6.1	PICS 4.5.1/2 AND
		, l.	1.0.2.0.1	PICS 4.7.1/2 AND
				PICS 4.7.1/6 AND
				PICS 4.7.1/22
Test purpose				1100 4.1.1/22
The SUT stores the identity in the incomir	a barring rules as indicat	od in a	INIV/ITE in the con	firmed dialogue
Configuration over Ut interface.	ig barning rules as indicat	euma		inimed dialogue.
Ensure that the identity of an incoming co	mmunication is stored in	the inco	mina communica	tion barring rules if the
served user sends an INVITE with the pro				
call attempt to the served user is rejected	according the incoming of	ommur	nice in the commu	les upgraded with the
stored identity. (Applicable use in blacklist		ommu	lication barning rui	les upgraded with the
The service configuration takes place ove				
SIP header values:	The or intenace using A	UAP.		
INVITE 2: Request line sip: <service code<="" td=""><td>&gt;:nhone-context-conv d</td><td>omains</td><td>usor-dialetring S</td><td></td></service>	>:nhone-context-conv d	omains	usor-dialetring S	
Comments:	,phone-context= <any td="" u<=""><td></td><td>,user-ulaistilly S</td><td>11 /2.0</td></any>		,user-ulaistilly S	11 /2.0
UA C	SUT		UA S	
UA C	301		04.5	
HTTP Request (activate outgoing commu	nication barring "identity"	)		
INVITE 1	>	→	INVITE	
180 Ringing		←	180 Ringing	
200 OK INVITE		÷	200 OK INVITE	
	- 	÷	ACK	-
	-	-		
		←	INVITE 2	
		÷	200 OK INVITE	:
		÷	ACK	-
		-		
		←	BYE 1	
		÷	200 OK BYE	
BYE	-	←	BYE 2	
200 OK BYE		÷	200 OK BYE	
INVITE 3	▶			
603 Decline				
	-			
HTTP Request (deactivate outgoing comr	nunication barring "identit	v")		
	indification barning fuertai	., /		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/ICB_terminating_AS	ACR-CB_N02_024	4.5.2.6.1	PICS 4.5.1/2 AND
			PICS 4.7.1/2 AND
			PICS 4.7.1/7 AND
			PICS 4.7.1/23
Test purpose			1100 1111/20
The SUT stores the identity in the incoming l	harring rules as indicated	in a INVITE in the con	firmed dialogue
Configuration over Ut interface.			innied dialogue.
Ensure that the identity of an incoming com	nunication is stored in the	incoming communica	tion barring rules if the
served user sends an INVITE with the prope			
call attempt to the served user is rejected ac	cording the incoming com	munication barring rul	es upgraded with the
stored identity. (Applicable use in blacklist).		indineation barning rai	ee apgradea mar are
The service configuration takes place over the	e Ut interface using XCA	Р	
SIP header values:			
INVITE 3: Request line sip: <service code="">;</service>	phone-context= <anv dom<="" td=""><td>ain&gt;:user=dialstring S</td><td>IP/2.0</td></anv>	ain>:user=dialstring S	IP/2.0
Comments:	context-sury dom		,=
UA C	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK +			
Result announcement activa	tion		
BYE →			
200 OK BYE			
INVITE 2 →	-	INVITE	
180 Ringing	÷		
200 OK INVITE	+		
ACK +	, ,		
	-		
	÷	INVITE 1	
			:
	÷		
	-		
	÷	BYE	
BYE 🗲	+	BYE 2	
200 OK BYE →	•		
_	_		
INVITE 3			
603 Decline			
ACK →			
INVITE 1			
200 OK INVITE			
ACK →			
Result announcement deactiv	ation		
BYE 🔶			

#### 5.2.3 Action for ACR at the terminating AS

TSS	TP	CP reference	Coloction expression
		CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_001	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			NOT PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/14
Test purpose			
ACR service rejects an anonymous communi			
Ensure that the ACR service rejects the incon		here the request include	s the P-Asserted-Identity
header AND the Privacy header indicating "id			
Ensure that the ACR is sending a 433 (Anony			ication is rejected.
The service configuration takes place over the	e Ut interface using XC	CAP.	
XML abstract			
<incoming-communication-barring active="tru&lt;/td&gt;&lt;td&gt;Ie"></incoming-communication-barring>			
<pre><ruleset></ruleset></pre>			
<rule id="[any identifier]"></rule>			
<pre><conditions></conditions></pre>			
<pre><anonymous></anonymous></pre>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring SIP header values:			
INVITE:			
Privacy: id Comments:			
UA C	SUT	UA S	
UAC	301	UA S	
HTTP Request (activate outgoing communica	ation barring "identity")		
100 Trying ←			
433 Anonymity Disallowed			
ACK +			
HTTP Request (deactivate outgoing commun	ication barring "identity	/")	
	isation barning hadning	/	

700			
TSS	ТР	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_002	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/14
Test purpose			1100 4.7.1714
ACR service rejects an anonymous commun	ication Brivacy value i	s 'id' An announcom	ont is provided. Configuration
over Ut interface.	ication, Filvacy value i	s iu. An announcem	ent is provided. Configuration
Ensure that the ACR service rejects the inco		nere the request incl	udes the P-Asserted-Identity
header AND the Privacy header indicating "ic			
Ensure that the ACR service provides an a		priginating user befo	ore sending a 433 (Anonymity
Disallowed) response when the communicati			
The service configuration takes place over th	e Ut interface using XC	CAP.	
XML abstract			
<incoming-communication-barring active="tru&lt;/td&gt;&lt;td&gt;re"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<pre><conditions></conditions></pre>			
<anonymous></anonymous>			
,			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
INVITE:			
Privacy: id			
Comments:			
UA C	SUT	UA S	
	001		
HTTP Request (activate outgoing communication of the second s	ation harring "identity")		
	ation barning identity )		
INVITE			
100 Trying 🗧 🗲			
Announcemen	t		
433 Anonymity Disallowed			
ACK -			
HTTP Request (deactivate outgoing commur	nication barring "identity	/")	
· ····· ······························		, ,	

TSS ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_003	<b>CB reference</b> 4.5.2.6.2 4.9.1.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/2 ANDNOT
			PICS 4.7.1/4 AND PICS 4.7.1/5 AND PICS 4.7.1/14
Test purpose		-	· · · · · · · · · · · · · · · · · · ·
ACR service forwards an anonymous comm		e is 'id'. The commun	ication is forwarded to an
announcement service. Configuration over U			
Ensure that the ACR service rejects the income header AND the Privacy header indicating "id		here the request incl	udes the P-Asserted-Identity
Ensure that the communication is forwarde	ed to voice message	service instead of rej	ecting the communication with
a 433 (Anonymity Disallowed) final response			
The service configuration takes place over th	e Ut interface using X0	CAP.	
XML abstract			
<incoming-communication-barring active="tru&lt;/td&gt;&lt;td&gt;ue"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<anonymous></anonymous>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
Privacy: id			
Comments:			
UAC	SUT	UA S	
HTTP Request (activate outgoing communication	ation barring "identity")		
INVITE -			
100 Trying 🗧 🗧			
200 OK INVITE			
ACK 🔶			
Voice message	e		
BYE 🗕 🗕			
200 OK BYE 🗧 🗲			
HTTP Request (deactivate outgoing commur	nication barring "identit	y")	

TSS	TP		Coloction ownreadion
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_004	CB reference 4.5.2.6.2	Selection expression PICS 4.5.1/2 AND
ACK_CD/Network/ACK_terminating_AS	ACK-CD_N03_004		PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.3.2/[4]	
		4.3.3/ [4]	NOT PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/15
Test purpose			
ACR service rejects an anonymous commun configuration.	· •	· ·	C C C C C C C C C C C C C C C C C C C
Ensure that the ACR service rejects the inco		here the request incl	udes the P-Asserted-Identity
header AND the Privacy header indicating "i			
Ensure that the ACR is sending a 433 (Anor			nunication is rejected.
The service configuration takes place using	SIP based user configu	ration.	-
SIP header values:			
INVITE 2:			
Privacy: id			
INVITE 1: Request line sip: <service code="">;</service>	phone-context= <any do<="" td=""><td>main&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any>	main>;user=dialstrin	ng SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK 🗕			
Result announcement activa	ition		
BYE →			
200 OK BYE 🗧 🗧			
INVITE 2 →			
100 Trying 🗧 🗧			
433 Anonymity Disallowed			
ACK 🔶			
INVITE 1			
200 OK INVITE			
ACK 🔶			
Result announcement deactiv	vation		
BYE →			
200 OK BYE 🔶			
<u></u>			

Plection expression PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/5 AND PICS 4.7.1/15 Provided. Configuration the P-Asserted-Identity
PICS 4.7.1/2 AND PICS 4.7.1/4 AND IOT PICS 4.7.1/5 AND PICS 4.7.1/15 provided. Configuration the P-Asserted-Identity
PICS 4.7.1/4 AND IOT PICS 4.7.1/5 AND PICS 4.7.1/15 provided. Configuration the P-Asserted-Identity
IOT PICS 4.7.1/5 AND PICS 4.7.1/15 provided. Configuration the P-Asserted-Identity
PICS 4.7.1/15 provided. Configuration the P-Asserted-Identity
provided. Configuration
the P-Asserted-Identity
the P-Asserted-Identity
-
-
nding a 433 (Anonymity
/2.0

TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_006	clause 4.5.2.6.2	PICS 4.5.1/2 AND
	ACK-CD_NU3_000	4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
			NOT PICS 4.7.1/2 AND
		4.3.3/ [4]	
			PICS 4.7.1/5 AND
Test purpose			PICS 4.7.1/15
ACR service forwards an anonymous commu	unication Brivacy value	is 'ld' forwardod to a	voico mossogo sonvico
Configuration using SIP based user configuration	ation		foice message service.
Ensure that the ACR service rejects the incompared		hara tha request inclus	log the D Accorted Identity
header AND the Privacy header indicating "id		nere the request inclut	des the P-Asserted-Identity
Ensure that the <b>communication is forward</b>		anylas instead of rais	ating the communication with
a 433 (Anonymity Disallowed) final response		service instead of rejer	cung the communication with
		rotion	
The service configuration takes place using S SIP header values:	or based user configu	TauUII	
INVITE 2:			
Privacy: id INVITE 1: Request line sip: <service code="">;p</service>	abone-context-cany de	mains:user-dialetring	
Comments:			511 /2:0
UA C	SUT	UA S	
	301	04.5	
200 OK INVITE			
Result announcement activat	tion		
BYE			
200 OK BYE			
INVITE 2			
100 Trying			
ACK			
Voice message	۵		
BYE +			
200 OK BYE			
INVITE 1			
ACK			
Result announcement deactive	ation		
BYE -			

TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_007	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
		4.5.1.4	NOT PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/14
Test purpose			
ACR service rejects an anonymous commun	nication. Privacy value is	s 'header'. Configurat	tion over Ut interface.
Ensure that the ACR service rejects the inco			
header AND the Privacy header indicating "h			,
Ensure that the ACR is sending a 433 (Anon		onse when the comm	nunication is rejected.
The service configuration takes place over th	he Ut interface using XC	CAP.	
XML abstract	<u> </u>		
<incoming-communication-barring active="tr&lt;/td&gt;&lt;td&gt;ue"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<anonymous></anonymous>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
Privacy: header			
Comments:			
	CUIT		
UA C	SUT	UA S	
UA C		UAS	
UA C HTTP Request (activate outgoing communic		UAS	
UA C HTTP Request (activate outgoing communic INVITE →		UAS	
UA C HTTP Request (activate outgoing communic INVITE → 100 Trying ←		UAS	
UA C HTTP Request (activate outgoing communic INVITE → 100 Trying ← 433 Anonymity Disallowed ←		UAS	
UA C HTTP Request (activate outgoing communic INVITE → 100 Trying ← 433 Anonymity Disallowed ←		UAS	
UA C HTTP Request (activate outgoing communic INVITE → 100 Trying ← 433 Anonymity Disallowed ←	ation barring "identity")		

<b>T</b> 00	70		
TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_008	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/14
Test purpose			1100 4.7.1714
ACR service rejects an anonymous communi	ination Brivany value i	o 'hoodor'. An onnour	accoment is provided
	cation, Privacy value i	s neader. An annour	icement is provided.
Configuration over Ut interface.			
Ensure that the ACR service rejects the incor		here the request inclu	Ides the P-Asserted-Identity
header AND the Privacy header indicating "h			
Ensure that the ACR service provides an ann		inating user before se	ending a 433 (Anonymity
Disallowed) response when the communication	on is rejected.		
The service configuration takes place over the		CAP.	
XML abstract	Ŭ		
<incoming-communication-barring active="tru&lt;/td&gt;&lt;td&gt;ie"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<anonymous></anonymous>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
INVITE:			
Privacy: header			
Comments:			
UA C	SUT	UA S	
UA C	301	UA S	
HTTP Dequest (activate outgoing communication	tion horring "identity"		
HTTP Request (activate outgoing communica	ation parting identity")		
INVITE -			
100 Trying 🗧 🗧			
Announcemen	t		
433 Anonymity Disallowed			
АСК 🔶			
-			
HTTP Request (deactivate outgoing commun	ication barring "identit	v")	
	isadon sanning haentiti	J /	

TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_009	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
		4.3.1.4	NOT PICS 4.7.1/5 AND
			PICS 4.7.1/5 AND
			PICS 4.7.1/3 AND PICS 4.7.1/14
Test purpose			FIC3 4.7.1/14
	inigation Drivoou value	ia lhaadar! Canfigu	ration over 11t interfece
ACR service forwards an anonymous commu Ensure that the ACR service rejects the incor	nicalion, Privacy value	here the request inclu	udee the D Accerted Identity
header AND the Privacy header indicating "h		nere the request incl	udes the P-Assented-Identity
Ensure that the communication is forwarded		ion instand of rejection	a the communication with a
	to voice message serv	ice instead of rejectin	ig the communication with a
433 (Anonymity Disallowed) final response.			
The service configuration takes place over the	e Ut interface using XC	JAP.	
XML abstract			
<incoming-communication-barring active="tru&lt;/td&gt;&lt;td&gt;ie"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<anonymous></anonymous>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
INVITE:			
Privacy: header			
Comments:			
UAC	SUT	UA S	
HTTP Request (activate outgoing communica	ation barring "identity")		
INVITE -			
100 Trying 🗧 🗧 🗧			
200 OK INVITE			
ACK 🗕 🗕			
Voice message	,		
BYE 🔶			
200 OK BYE 🗧 🗲			
_			
HTTP Request (deactivate outgoing commun	ication barring "identity	∕")	
	addition barning radinity	, ,	

<b>T</b> 00	TP		
		CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_010	4.5.2.6.2	PICS 4.5.1/2 AND
		4.3.2/ [4]	PICS 4.7.1/2 AND
		4.3.3/ [4]	NOT PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/15
Test purpose			
ACR service rejects an anonymous commur configuration.	•	C C	C C
Ensure that the ACR service rejects the inco	ming communication w	here the request incl	udes the P-Asserted-Identity
header AND the Privacy header indicating "h			
Ensure that the ACR is sending a 433 (Anon	ymity Disallowed) resp	onse when the comm	nunication is rejected.
The service configuration takes place using	SIP based user configu	ration.	-
SIP header values:			
INVITE 2:			
Privacy: header			
INVITE 1: Request line sip: <service code="">;</service>	phone-context= <any do<="" td=""><td>main&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any>	main>;user=dialstrin	ng SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement activa	tion		
BYE →			
200 OK BYE 🗧 🗲			
INVITE 2 →			
100 Trying			
433 Anonymity Disallowed			
ACK →			
INVITE 1			
Result announcement deactiv	ation		
BYE →			
200 OK BYE			

	חדו	CB reference	Coloction oversector
<b>FSS</b> ACR_CB/Network <b>/</b> ACR_terminating_AS		4.5.2.6.2	Selection expression PICS 4.5.1/2 AND
ACK_CD/Network/ACK_terminating_AS	ACR-CB_N03_011		
		4.3.2/[4]	PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/15
Test purpose			
ACR service rejects an anonymous commu		s 'header'. An annoui	ncement is provided.
Configuration using SIP based user configu			
Ensure that the ACR service rejects the inco		here the request incl	udes the P-Asserted-Identity
neader AND the Privacy header indicating			
Ensure that the ACR service provides an an		inating user before se	ending a 433 (Anonymity
Disallowed) response when the communica			
The service configuration takes place using	SIP based user configu	ration.	
SIP header values:			
NVITE 2:			
Privacy: header			
NVITE 1: Request line sip: <service code=""></service>	;phone-context= <any do<="" td=""><td>omain&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any>	omain>;user=dialstrin	ng SIP/2.0
Comments:			
JAC	SUT	UA S	
NVITE 1 →			
200 OK INVITE			
ACK -			
Result announcement activa	ation		
BYE 🔶			
200 OK BYE			
NVITE 2 →			
100 Trying 🗧 🗧			
Announceme	nt		
433 Anonymity Disallowed			
ACK -			
NVITE 1			
200 OK INVITE			
ACK -			
Result announcement deactiv	vation		
BYE →			
200 OK BYE			

TSS	ТР	CD reference	Coloction expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_012	CB reference 4.5.2.6.2	Selection expression PICS 4.5.1/2 AND
	ACK-CD_N03_012	4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.3.3/ [4]	NOT PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/5 AND
			PICS 4.7.1/15
Test purpose			FIC3 4.7.1/15
ACR service forwards an anonymous commu	inication Privacy value	s is 'header' Configur	ation using SIP based user
configuration.	meation, i macy value	is neader . Connyure	allori using on based user
Ensure that the ACR service rejects the incor	ning communication w	here the request inclu	des the P-Asserted-Identity
header AND the Privacy header indicating "he			
Ensure that the communication is forwarded t		ice instead of rejecting	the communication with a
433 (Anonymity Disallowed) final response.	o voice meedage cont		
The service configuration takes place using S	IP based user configu	ration.	
SIP header values:	0		
INVITE 2:			
Privacy: header			
INVITE 1: Request line sip: <service code="">;p</service>	hone-context= <any do<="" td=""><td>main&gt;;user=dialstring</td><td>3 SIP/2.0</td></any>	main>;user=dialstring	3 SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1 →			
200 OK INVITE			
ACK →			
Result announcement activat	ion		
BYE -			
200 OK BYE 🗧 🗧			
INVITE 2 → 100 Trying ←			
100 Trying ← 200 OK INVITE ←			
Voice message			
BYE	,		
200 OK BYE			
INVITE 1 →			
ACK +			
Result announcement deactiva	tion		
BYE →			
200 OK BYE 🗧 🗲			

	<b>I</b>		
TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_013	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			NOT PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/14
Test purpose			
ACR service rejects an anonymous commur			
Ensure that the ACR service rejects the inco		nere the request incl	udes the P-Asserted-Identity
header AND the Privacy header indicating "			
Ensure that the ACR is sending a 433 (Anon			nunication is rejected.
The service configuration takes place over the	ne Ut interface using XC	JAP.	
XML abstract			
incoming communication borring active. "tr			
<incoming-communication-barring [any="" active="tr&lt;br&gt;&lt;ruleset&gt;&lt;/td&gt;&lt;td&gt;ue &gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;rule id=" identifier]"=""> <conditions></conditions></incoming-communication-barring>			
<conditions> <anonymous></anonymous></conditions>			
<actions></actions>			
<actions> <allow>false</allow></actions>			
<aliowstatse< aliows<="" td=""><td></td><td></td><td></td></aliowstatse<>			
<td></td> <td></td> <td></td>			
<td></td> <td></td> <td></td>			
incoming-communication-barring			
SIP header values:			
INVITE:			
Privacy: user			
Comments:			
UA C	SUT	UA S	
	001	0/10	
HTTP Request (activate outgoing communic	ation barring "identity")		
	5,		
INVITE -			
100 Trying 🗧 🗧 🗧			
433 Anonymity Disallowed			
ACK 🔸			
HTTP Request (deactivate outgoing commu	nication barring "identity	/")	

TSS       CB reference       Selection express         ACR_CB/Network/ACR_terminating_AS       PC       ACR-CB_N03_014       4.5.2.6.2       PICS 4.5.1/2 AND         ACR_cB_N03_014       4.9.1.4       PICS 4.7.1/2 AND       PICS 4.7.1/2 AND       NOT PICS 4.7.1/3 AND         ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided.       Configuration over Ut interface.       Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user".         Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity)       Disallowed) response when the communication is rejected.         The service configuration barring active="true">	on
4.9.1.4       PICS 4.7.1/2 AND PICS 4.7.1/4 AND NOT PICS 4.7.1/4 AND NOT PICS 4.7.1/4         ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided. Configuration over Ut interface.         Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user".         Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user".         Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected.         The service configuration takes place over the Ut interface using XCAP.         XML abstract <incoming-communication-barring active="true"> <ruleset> <anonymous></anonymous> <li><li><li> <anonymous></anonymous></li> <anonymous></anonymous> <anonymous></anonymous> <anonymous></anonymous> <atons< td=""> <atons< td=""></atons<></atons<></atons<></atons<></atons<></atons<></atons<></atons<></atons<></li></li></ruleset></incoming-communication-barring>	
PiCS 4.7.1/4 AND NOT PiCS 4.7.1/5 / PiCS 4.7.1/14         Test purpose         ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided. Configuration over Ut interface.         Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user".         Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected.         The service configuration takes place over the Ut interface using XCAP.         XML abstract <incoming-communication-barring active="true"> <rule id="[any identifier]"> <conditions> <anonymous></anonymous> <anonymous></anonymous> <allows allow="" false<=""> <allows allow="" false<="">              SUP header values:         INVITE:       Privacy: user         Comments:       UA C</allows></allows></conditions></rule></incoming-communication-barring>	
NOT PICS 4.7.1/5 /         PICS 4.7.1/14         Test purpose         ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided.         Configuration over Ut interface.         Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user".         Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected.         The service configuration takes place over the Ut interface using XCAP.         XML abstract <incoming-communication-barring active="true"> <rule id="[any identifier]"> <conditions> <actions> <allows <="" allows="" false<="" td=""> <actions> <allows allows<="" false<="" td=""> <actions> <allows allows<="" false<="" td=""> <actions>          SIP header values:         INVITE:       Privacy: user         Comments:       UA C</actions></allows></actions></allows></actions></allows></actions></conditions></rule></incoming-communication-barring>	
PICS 4.7.1/14         Test purpose         ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided.         Configuration over Ut interface.         Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user".         Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected.         The service configuration takes place over the Ut interface using XCAP.         XML abstract <incoming-communication-barring active="true"> <rule="canonymous active="true" second-communication-barring=""> <anonymous active="true" second-communication-barring=""> <alononymous active="true" second-communication-barring=""> <alononymous active="true" second-communication-barring=""> <alononymous second-communication-barring<="" td=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring="">         SIP header values:       INVIT</alononymous></alononymous></alononymous></alononymous></alononymous></alononymous></alononymous></alononymous></anonymous></rule="canonymous></incoming-communication-barring>	
PICS 4.7.1/14         Test purpose         ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided.         Configuration over Ut interface.         Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user".         Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected.         The service configuration takes place over the Ut interface using XCAP.         XML abstract <incoming-communication-barring active="true"> <rule="canonymous active="true" second-communication-barring=""> <anonymous active="true" second-communication-barring=""> <alononymous active="true" second-communication-barring=""> <alononymous active="true" second-communication-barring=""> <alononymous second-communication-barring<="" td=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring=""> <alononymous second-communication-barring="">         SIP header values:       INVIT</alononymous></alononymous></alononymous></alononymous></alononymous></alononymous></alononymous></alononymous></anonymous></rule="canonymous></incoming-communication-barring>	AND
Test purpose         ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided.         Configuration over Ut interface.         Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide         header AND the Privacy header indicating "user".         Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity         Disallowed) response when the communication is rejected.         The service configuration takes place over the Ut interface using XCAP.         XML abstract <incoming-communication-barring active="true"> <ruleset> <rule id="[any identifier]"> <conditions> <anonymous></anonymous>              anonymous/&gt;          <anonymous></anonymous> <anonymous <="" td=""> <anonymous <="" td=""> <td></td></anonymous></anonymous></conditions></rule></ruleset></incoming-communication-barring>	
ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user". Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP. XML abstract <incoming-communication-barring active="true"> <rule set=""> <rule id="[any identifier]"> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <conditions> <con< td=""><td></td></con<></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></conditions></rule></rule></incoming-communication-barring>	
Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user". Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP. XML abstract <incoming-communication-barring active="true"> <ruleset> <rule id="[any identifier]"> <conditions> <anonymous></anonymous> </conditions> <anonymous></anonymous>  </rule></ruleset>   </incoming-communication-barring>	
Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Ide header AND the Privacy header indicating "user". Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP. XML abstract <incoming-communication-barring active="true"> <rule id="[any identifier]"> <conditions> <conditions> <conditions> <conditions> <conditions> <cli><allow>false</allow> </cli></conditions></conditions></conditions></conditions></conditions></rule>   <!--</td--><td></td></incoming-communication-barring>	
header AND the Privacy header indicating "user". Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP. XML abstract <incoming-communication-barring active="true"> <ruleset> <rule id="[any identifier]"> <conditions> <anonymous></anonymous> </conditions> <allow>false</allow> </rule></ruleset>  <td></td></incoming-communication-barring>	
Ensure that the ACR service provides an announcement to the originating user before sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP. XML abstract <incoming-communication-barring active="true"> <ruleset> <rule id="[any identifier]"> <conditions> <anonymous></anonymous> </conditions> <allows allow="" false<=""> </allows></rule></ruleset>       INVITE: Privacy: user Comments: UA C SUT UA S</incoming-communication-barring>	ntity
Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP. XML abstract <incoming-communication-barring active="true"> <ruleset> <ruleset> <rule id="[any identifier]"> <conditions> <aconditions> <aconditions> <aconditions> <actions> <atolows allow="" false<=""> </atolows></actions></aconditions></aconditions></aconditions></conditions></rule></ruleset> </ruleset>   <td></td></incoming-communication-barring>	
The service configuration takes place over the Ut interface using XCAP. XML abstract <incoming-communication-barring active="true"> <td>1</td></incoming-communication-barring>	1
XML abstract <incoming-communication-barring active="true"> <ruleset> <rule id="[any identifier]"> <conditions> <anonymous></anonymous></conditions> <actions> <allow>false</allow> </actions></rule></ruleset> <td></td></incoming-communication-barring>	
<irce><incoming-communication-barring active="true"> <td></td></incoming-communication-barring></irce>	
<ruleset> <ruleset> <ruleset> <ruleset> <conditions> <actions> <actions> <aulow>false </aulow></actions>  </actions></conditions></ruleset> </ruleset>  SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S</ruleset></ruleset>	
<ruleset> <ruleset> <rule id="[any identifier]"> <conditions> <anonymous></anonymous> </conditions> <actions> <atlow>false </atlow></actions></rule> </ruleset> </ruleset>  SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S	
<ruleset> <ruleset> <ruleset> <ruleset> <conditions> <actions> <actions> <aulow>false </aulow></actions>  </actions></conditions></ruleset> </ruleset>  SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S</ruleset></ruleset>	
<conditions> <anonymous></anonymous> </conditions> <actions> <ations> <ations> <ations>     SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S</ations></ations></ations></actions>	
<conditions> <anonymous></anonymous> </conditions> <actions> <ations> <ations> <ations>     SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S</ations></ations></ations></actions>	
<anonymous></anonymous> SIP header values:         INVITE:         Privacy: user         Comments:         UA C       SUT         UA S	
<pre>  <pre> <actions> <pre> <actions> <pre> <allow>false</allow> </pre></actions> <pre>     SIP header values: INVITE:     Privacy: user Comments: UA C SUT UA S </pre></pre></actions></pre></pre>	
<actions> <allow>false</allow> </actions> SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S	
<pre><allow>false</allow>      SIP header values: INVITE:     Privacy: user Comments: UA C SUT UA S</pre>	
<td></td>	
incoming-communication-barring SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S	
incoming-communication-barring SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S	
incoming-communication-barring SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S	
SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S	
SIP header values: INVITE: Privacy: user Comments: UA C SUT UA S	
Privacy: user Comments: UA C SUT UA S	-
Comments: UA C SUT UA S	
Comments: UA C SUT UA S	
UA C SUT UA S	
HTTP Request (activate outgoing communication barring "identity")	
100 Trying <b>E</b>	
Announcement	
433 Anonymity Disallowed	
ACK →	
HTTP Request (deactivate outgoing communication barring "identity")	

TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_015	4.5.2.6.2	PICS 4.5.1/2 AND
	ACK-CD_N03_015		
		4.9.1.4	PICS 4.7.1/2 AND
			NOT PICS 4.7.1/4 AND
			PICS 4.7.1/5 AND
			PICS 4.7.1/14
Test purpose			
ACR service forwards an anonymous commu		e is 'user'. The comm	unication is forwarded to an
announcement service. Configuration over U			
Ensure that the ACR service rejects the incor		here the request incl	udes the P-Asserted-Identity
header AND the Privacy header indicating "u			
Ensure that the communication is forwarded	to voice message serv	ice instead of rejectir	ig the communication with a
433 (Anonymity Disallowed) final response.			
The service configuration takes place over the	e Ut interface using X0	CAP.	
XML abstract			
<incoming-communication-barring active="tru&lt;/td&gt;&lt;td&gt;le"></incoming-communication-barring>			
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<anonymous></anonymous>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
INVITE:			
Privacy: user			
Comments:			
UAC	SUT	UA S	
HTTP Request (activate outgoing communica	ation barring "identity")		
INVITE			
100 Trying 🗧 🗧			
200 OK INVITE			
ACK →			
Voice message	<b>;</b>		
BYE →			
200 OK BYE 🗧 🗧			
HTTP Request (deactivate outgoing commun	ication barring "identit	v")	
		, ,	

TSS	ТР	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_016	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
		1.0.1.1	NOT PICS 4.7.1/4 AND
			NOT PICS 4.7.1/5 AND
			PICS 4.7.1/15
Test purpose			
ACR service rejects an anonymous commun	ication, Privacy value is	s 'user'. Configuratio	n using SIP based user
configuration.	-	-	-
Ensure that the ACR service rejects the inco	ming communication w	here the request incl	udes the P-Asserted-Identity
header AND the Privacy header indicating "u			
Ensure that the ACR is sending a 433 (Anon			nunication is rejected.
The service configuration takes place using S	SIP based user configu	ration.	
SIP header values:			
INVITE 2:			
Privacy: user			
INVITE 1: Request line sip: <service code="">;;</service>	onone-context= <any do<="" td=""><td>omain&gt;;user=diaistrin</td><td>ig SIP/2.0</td></any>	omain>;user=diaistrin	ig SIP/2.0
Comments:	CUT		
UAC INVITE 1 →	SUT	UA S	
INVITE 1 → I200 OK INVITE ←			
Result announcement activation	tion		
BYE →			
200 OK BYE			
INVITE 2 -			
100 Trying 🗧 🗧			
433 Anonymity Disallowed			
ACK →			
200 OK INVITE			
ACK → Result announcement deactive	ation		
BYE Result announcement deactive	alion		
200 OK BYE			

TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_017	4.5.2.6.2	Selection expression PICS 4.5.1/2 AND
ACK_CD/NetworkACK_terminating_AS	ACK-CD_N03_017	4.9.1.4	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND PICS 4.7.1/4 AND
			NOT PICS 4.7.1/4 AND
Test numero			PICS 4.7.1/15
Test purpose			
ACR service rejects an anonymous commun		s 'user'. An announce	ement is provided.
Configuration using SIP based user configura		have the very set in a	udee the D. Asserted Identity
Ensure that the ACR service rejects the incor		nere the request inci	udes the P-Asserted-Identity
header AND the Privacy header indicating "u			anding a 400 (Anonymity)
Ensure that the ACR service provides an ann		inating user before so	ending a 433 (Anonymity
Disallowed) response when the communicati		notion.	
The service configuration takes place using S	SIP based user conligu	ration.	
SIP header values:			
INVITE 2:			
Privacy: user			
INVITE 1: Request line sip: <service code="">;p</service>	onone-context= <any do<="" td=""><td>main&gt;;user=dialstrin</td><td>ng SIP/2.0</td></any>	main>;user=dialstrin	ng SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1			
200 OK INVITE			
ACK →			
Result announcement activat	ion		
BYE →			
200 OK BYE 🗧 🗲			
-			
INVITE 2			
100 Trying 🗧 🗧 🗲			
Announcemen	t		
433 Anonymity Disallowed			
ACK →			
INVITE 1			
200 OK INVITE			
ACK -			
Result announcement deactive	ation		
BYE →			
200 OK BYE +			

TSS	TP	CB reference	Selection expression
ACR_CB/Network/ACR_terminating_AS	ACR-CB_N03_018	4.5.2.6.2	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
		-	NOT PICS 4.7.1/4 AND
			PICS 4.7.1/5 AND
			PICS 4.7.1/15
Test purpose			
ACR service forwards an anonymous com	munication, Privacy value	e is 'user'. The comm	unication is forwarded to an
announcement service. Configuration using	g SIP based user configu	ıration.	
Ensure that the ACR service rejects the ind	coming communication w	here the request incl	udes the P-Asserted-Identity
header AND the Privacy header indicating	"user".	•	2
Ensure that the communication is forwarde	d to voice message serv	ice instead of rejectir	ng the communication with a
433 (Anonymity Disallowed) final response		,	-
The service configuration takes place using		ration.	
SIP header values:	- 0		
INVITE 2:			
Privacy: user			
INVITE 1: Request line sip: <service code:<="" td=""><td>;phone-context=<any do<="" p=""></any></td><td>omain&gt;;user=dialstrin</td><td>ng SIP/2.0</td></service>	;phone-context= <any do<="" p=""></any>	omain>;user=dialstrin	ng SIP/2.0
Comments:			
UAC	SUT	UA S	
INVITE 1			
200 OK INVITE			
ACK 🗕			
Result announcement activ	/ation		
BYE →			
200 OK BYE 🔶			
INVITE 2 →			
100 Trying +			
200 OK INVITE			
ACK 🔶			
Voice messa	ige		
BYE →			
200 OK BYE 🗧 🗧			
200 OK INVITE ←			
ACK → Result announcement deact	ivation		
	IvaliOII		
200 OK BYE +			

#### 5.2.4 Actions at the destination UE

TSS	ТР	Reference	Selection expression
ACR-CB/User/Destination_UE	ACR-CB_U01_001	4.5.0	PICS 4.5.1/1 AND
		4.0.0	PICS 4.6.1/4
Test purpose			1100 4.0.1/4
The User Equipment is able to send an	INIVITE request include	na an SSC command	to use SIP based user
configuration.		ng an 000 command	
Ensure that a User Equipment is able to	send an INVITE reque	est including an SSC o	command to use SIP based
user configuration.			
SIP header values:			
INVITE: Request line sip: <service code<="" td=""><td>e&gt;;phone-context=<any< td=""><td>/ domain&gt;;user=dialst</td><td>ring SIP/2.0</td></any<></td></service>	e>;phone-context= <any< td=""><td>/ domain&gt;;user=dialst</td><td>ring SIP/2.0</td></any<>	/ domain>;user=dialst	ring SIP/2.0
Comments:		•	
UE (Gm#1)		Test equipn	nent (Gm#2)
INVITE	→	INVITE	
	Apply post test	routine	
	1	•	
TSS	ТР	Reference	Selection expression
ACR-CB/User/Destination_UE	ACR-CB_U01_002	4.5.2.13	PICS 4.5.1/1 AND
			PICS 4.6.1/1
Test purpose			
The User Equipment is able to send a 6			
Ensure that a User Equipment is able to			
parameter set to '603' and the text para	meter set to 'Decline' to	o indicate incoming ca	ll barring.
SIP header values:			
603:			
Reason: SIP;cause=603;text	="Decline"		
Comments:			
UE (Gm#1)			nent (Gm#2)
INVITE	÷	INVITE	
180 Ringing	→	180 Ringing	
	ure to indicate incomi		parring
603 Decline	<b>→</b>	603 Decline	
ACK	+	ACK	
TSS	TP	Reference	Selection expression
ACR-CB/User/Destination_UE	ACR-CB_U01_003	4.5.2.13	PICS 4.5.1/1 AND
	//SIX-0D_001_003	7.0.2.10	

ACR-CB/User/Destination_UE	ACR-CB_U01_003	4.5.2.13	PICS 4.5.1/1 AND		
			PICS 4.6.1/2		
Test purpose					
The User Equipment is able to send a BY	/E request to indicate	incoming call barri	ng.		
Ensure that a User Equipment is able to s	send a BYE request c	ontaining a Reasor	header set to SIP the cause		
parameter set to '603' and the text param	eter set to 'Decline' to	indicate incoming	call barring.		
SIP header values:					
BYE:					
Reason: SIP;cause=603;text='	"Decline"				
Comments:					
UE (Gm#1)		Test equi	pment (Gm#2)		
INVITE	+	INVITE			
180 Ringing	→	180 Ringi	ng		
200 OK INVITE	→	200 OK IN	IVITE		
ACK	+	ACK			
Apply procedure to indicate incoming communication barring in BYE					
BYE	→	BYE	-		
200 OK BYE	+	200 OK B	YE		

TSS	TP	Reference	Selection expression
ACR-CB/User/Destination_UE	ACR-CB_U01_004	4.5.2.13	PICS 4.5.1/1 AND
			PICS 4.6.1/3
Test purpose			
	send an INVITE request in the		
Ensure that a User Equipment	is able to send an INVITE reque	est in the early dia	alogue including an SSC command
to indicate incoming call barring	g.		
SIP header values:			
INVITE 2: Request line sip: <s< td=""><td>ervice code&gt;;phone-context=<a< td=""><td>ny domain&gt;;user=</td><td>=dialstring SIP/2.0</td></a<></td></s<>	ervice code>;phone-context= <a< td=""><td>ny domain&gt;;user=</td><td>=dialstring SIP/2.0</td></a<>	ny domain>;user=	=dialstring SIP/2.0
Comments:			
UE (Gm#1)		Test eq	uipment (Gm#2)
INVITE	+	INVITE	1
180 Ringing	<b>→</b>	180 Ring	
	edure to indicate incoming co		arring in INVITE
INVITE 2	→	INVITE	
200 OK INVITE	+	200 OK	INVITE
ACK	<b>→</b>	ACK	
BYE 2	→	BYE	
200 OK BYE	+	200 OK	BYE
	Apply post test	routine	

TSS	ТР	Reference	Selection expression
ACR-CB/User/Destination_UE	ACR-CB_U01_005	4.5.2.13	PICS 4.5.1/1 AND
			PICS 4.6.1/3
Test purpose			
The User Equipment is able to a	send an INVITE request in the o	confirmed dialogu	e to indicate incoming call barring.
Ensure that a User Equipment i	s able to send an INVITE reque	st in the confirme	ed dialogue including an SSC
command to indicate incoming	call barring.		
SIP header values:			
INVITE: Request line sip: <serv< td=""><td>vice code&gt;;phone-context=<any< td=""><td>domain&gt;;user=d</td><td>ialstring SIP/2.0</td></any<></td></serv<>	vice code>;phone-context= <any< td=""><td>domain&gt;;user=d</td><td>ialstring SIP/2.0</td></any<>	domain>;user=d	ialstring SIP/2.0
Comments:			
UE (Gm#1)		Test eq	uipment (Gm#2)
INVITE	+	INVITE <sup>2</sup>	1
180 Ringing	<b>→</b>	180 Ring	ging
	<b>→</b>	200 OK	INVITE
	+	ACK	
Apply proce	edure to indicate incoming co	mmunication ba	arring in INVITE
INVITE 2	<b>→</b>	INVITE	
200 OK INVITE	+	200 OK	INVITE
ACK	+	ACK	
BYE 2	→	BYE	
200 OK BYE	+	200 OK	BYE
	Apply post test i	outine	

### 5.3 Interaction with other simulation services

#### 5.3.1 Originating Identification Presentation (OIP)

TSS	TP	CB reference	Selection expression
ACR-CB/Network/interaction_OIP	ACR-CB_N04_001	4.6.4	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/14 AND
			PICS 4.7.2/1
Test purpose			
ACR does not apply to due override cate			
Ensure that the ACR service shall not ap	ply If the called user has sub	oscribed to the override	e category according to the
DIP service.	or the Lit interface using VC/		
The service configuration takes place ove Preconditions: OIP override category		۲.	
KML abstract			
<incoming-communication-barring active<="" td=""><td>="true"&gt;</td><td></td><td></td></incoming-communication-barring>	="true">		
<ruleset></ruleset>			
<rule id="[any identifier]"></rule>			
<conditions></conditions>			
<anonymous></anonymous>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
SIP header values:			
NVITE			
Privacy: id			
Comments:	0.11		
UA C	SUT	UA S	
HTTP Request (activate outgoing commu	inication barring "identity")		
NVITE	•	INVITE	
	<b>→</b> ←		
	+	100 Trying 180 Ringing	
	<del>~</del>	200 OK INVITE	=
	<b>←</b> →	ACK	
	Communication	AUN	
BYE		BYE	
		200 OK BYE	
HTTP Request (deactivate outgoing com	munication barring "identity"	)	
		1	

TSS	1-	ſP		CB reference	Coloction ownerscien
ACR-CB/Network/interaction_OIP		ACR-CB_N04_002		JB reference	Selection expression PICS 4.5.1/2 AND
	'	ACK-CB_N04_002		4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
				4.3.3/ [4]	PICS 4.7.1/2 AND PICS 4.7.1/15 AND
			ſ	+.3.3/ [4]	PICS 4.7.2/1
Test purpose					FIC3 4.7.2/1
ACR does not apply to due override of	category ac	cording to the OIP	service	Configuration us	sing SIP based user
configuration.	category act		3011100	. Configuration a	sing on based aser
Ensure that the ACR service shall no	t apply If the	e called user has s	ubscrit	bed to the override	e category according to the
OIP service.					· ·····g···, ······g···
The service configuration takes place	using SIP I	based user configu	ration.		
Preconditions: OIP override categor					
SIP header values:					
INVITE 2:					
Privacy: id					
INVITE 1: Request line sip: <service< td=""><td>code&gt;;phor</td><td>e-context=<any de<="" td=""><td>omain&gt;</td><td>;user=dialstring S</td><td>SIP/2.0</td></any></td></service<>	code>;phor	e-context= <any de<="" td=""><td>omain&gt;</td><td>;user=dialstring S</td><td>SIP/2.0</td></any>	omain>	;user=dialstring S	SIP/2.0
Comments:					
UAC		SUT		UA S	
INVITE 1	→				
200 OK INVITE	÷				
ACK	<b>→</b>				
Result announcement					
BYE	<b>→</b>				
200 OK BYE	+				
INVITE	→			INVITE	
100 Trying	÷			100 Trying	
180 Ringing	÷			180 Ringing	
200 OK INVITE	÷			200 OK INVITE	=
ACK	÷			ACK	-
	-	Communication			
BYE	<b>→</b>		→	BYE	
200 OK BYE	÷		÷	200 OK BYE	
INVITE 1	→				
200 OK INVITE	+				
ACK	<b>→</b>				
Result announcement of		n			
BYE	<b>→</b>				
200 OK BYE	+				

#### 5.3.2 CONFerence Calling (CONF)

TSS	TP	CB reference	Selection expression
ACR-CB/Network/interaction_CONF	ACR-CB_N05_001	4.5.2.4.1	PICS 4.5.1/2 AND
_		4.9.1.4	PICS 4.7.1/3 AND
		-	PICS 4.7.1/6 AND
			PICS 4.7.2/3
Test purpose	•	•	<u>.</u>
OCB evaluates 'identity' with one item. REF		r-to-target barred acc	ording OCB rules.
Configuration using SIP based user configur			
Ensure that a REFER request is rejected wh		e Refer-to URI matche	es in one of the served user's
outgoing communication barring rules (Black			
Ensure that the SUT is sending a 603 (Declin			is rejected.
The service configuration takes place over the		CAP.	
Preconditions: Subscription to CONF service	ce		
XML abstract			
<outgoing-communication-barring active="tru&lt;/td&gt;&lt;td&gt;le"></outgoing-communication-barring>			
<ruleset></ruleset>			
<rule id="&lt;any identifier&gt;"></rule>			
<pre><conditions></conditions></pre>			
<identity></identity>			
<pre><one id="[any URI (PIXI&lt;/pre&gt;&lt;/td&gt;&lt;td&gt;&lt;i&gt; T)]&lt;/i&gt;"></one></pre>			
<actions></actions>			
<allow>false</allow>			
REFER:			
Refer-To: [URI barred]			
Comments:	OUT		
UAC	SUT	UA S	
HTTP Request (activate outgoing communic	ation barring "identity")		
INVITE (conference factory URI) →			
200 OK INVITE			
ACK →			
REFER			
603 Decline			
HTTP Request (deactivate outgoing commu	nication barring "identit	v")	
	5	<i>,</i> ,	

Tee	TD		Coloction democratic
	TP	CB reference	Selection expression
ACR-CB/Network/interaction_CONF	ACR-CB_N05_002	4.5.2.4.1	PICS 4.5.1/2 AND
		4.3.2/[4]	PICS 4.7.1/3 AND
		4.3.3/ [4]	PICS 4.7.1/7 AND
			PICS 4.7.2/3
Test purpose			"
OCB evaluates 'identity' with one item.		er-to-target barred acc	cording OCB rules.
Configuration using SIP based user cor			
Ensure that a REFER request is rejected		e Refer-to URI match	nes in one of the served user's
outgoing communication barring rules (			
Ensure that the SUT is sending a 603 (I			is rejected.
The service configuration takes place u		uration.	
Preconditions: Subscription to CONF	service		
SIP header values:			
INVITE: Request line sip: <service code<="" td=""><td>e&gt;;phone-context=<any dor<="" td=""><td>nain&gt;;user=dialstring</td><td>SIP/2.0</td></any></td></service>	e>;phone-context= <any dor<="" td=""><td>nain&gt;;user=dialstring</td><td>SIP/2.0</td></any>	nain>;user=dialstring	SIP/2.0
REFER:			
Refer-To: [URI barred]			
Comments:			
UAC	SUT	UA S	
INVITE	<b>→</b>		
200 OK INVITE	+		
ACK	<b>→</b>		
Result announcement a			
BYE	<b>→</b>		
200 OK BYE	+		
	_		
INVITE (conference factory URI)	<b>→</b>		
200 OK INVITE	+		
ACK	→		
	_		
REFER	<b>→</b>		
603 Decline	÷		
	_		
INVITE	<b>→</b>		
200 OK INVITE	<b>+</b>		
ACK	<b>→</b>		
Result announcement de			
BYE	<b>→</b>		
200 OK BYE	+		

TSS ACR-CB/Network/interaction_CONF	<b>TP</b> ACR-CB_N05_003	<b>CB reference</b> 4.5.2.4.1 4.9.1.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/6 AND PICS 4.7.2/3
Test purpose OCB evaluates 'identity' with one item. Re Configuration using SIP based user configu Ensure that a an entry is removed from a "u evaluation of the URI of the 'entry' element (Black list). The service configuration takes place over Preconditions: Subscription to CONF serv	uration. recipient-list" in an INVIT matches one of the serv the Ut interface using X0	E request to create a ed user's outgoing co	is barred according OCB rules. conference when the
XML abstract			
<ul> <li><outgoing-communication-barring <any="" active="t&lt;br&gt;&lt;ruleset&gt;&lt;/li&gt;     &lt;li&gt;&lt;rule id=" identifier="">"&gt;</outgoing-communication-barring></li> <li><conditions></conditions></li> <li><identity></identity></li> <li><one id="[any URI (PI)&lt;/li&gt;     &lt;li&gt;&lt;/identity&gt;&lt;/li&gt;     &lt;li&gt;&lt;/conditions&gt;&lt;/li&gt;     &lt;li&gt;&lt;actions&gt;&lt;/li&gt;     &lt;li&gt;&lt;allow&gt;false&lt;/allow&gt;&lt;/actions&gt;&lt;/li&gt;     &lt;li&gt;&lt;/rule&gt;&lt;/li&gt; &lt;/ul&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;SIP header values:&lt;br&gt;INVITE: 1&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;resource-lists xmlns=" urn:ietf:params:xml:ns:re<br=""><list> <entry cp:copycon<br="" uri="[barred URI]"><entry cp:c<br="" uri="[any URI not barred]"></entry></entry></list> </one></li></ul>	trol="to"/>	ietf:params:xml:ns:cop	/Control">
INVITE: 2			
<resource-lists [any="" barred]"="" cp:c<br="" not="" uri="" xmlns="urn:ietf:params:xml:ns:re&lt;br&gt;&lt;list&gt;&lt;br&gt;&lt;entry uri="> </resource-lists>		ietf:params:xml:ns:cop	/Control">
Comments: UA C	SUT	UA S (ISC)	
HTTP Request (activate outgoing commun			
	ication barning identity )		
INVITE 1 (conference factory URI) → 200 OK INVITE ← ACK →		<ul> <li>→ INVITE 2 (c</li> <li>← 200 OK INV</li> <li>→ ACK</li> </ul>	onference factory URI) ITE
HTTP Request (deactivate outgoing comm	unioption horring "identity	<b>,</b> "\	

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TSS	TP	CB reference	Selection expression
ACR-CB/Network/interaction_CONF	ACR-CB_N05_004	4.5.2.4.1	PICS 4.5.1/2 AND
		4.3.2/ [4]	PICS 4.7.1/3 AND
		4.3.3/ [4]	PICS 4.7.1/7 AND
			PICS 4.7.2/3
Test purpose			
OCB evaluates 'identity' with one item. Re	move LIRI from the "reci	nient-list" if the entry	is barred according OCB rules
			is barred according OOD rules.
Configuration using SIP based user configu		<b>-</b>	and the second
Ensure that a an entry is removed from a "r			
evaluation of the URI of the 'entry' element	matches one of the serv	ed user's outgoing co	ommunication barring rules
(Black list).			
The service configuration takes place using		ration.	
Preconditions: Subscription to CONF serv	vice		
SIP header values:			
INVITE1: Request line sip: <service code=""></service>		main>:user=dialstrin	a SIP/2 0
	,phone context= carly de		g 611 / 2.0
INVITE 2:			
<resource-lists></resource-lists>			
<li>list&gt;</li>	<b>o</b> , , , , , , , , , , , , , , , , , , ,		
<entry cp:copy<="" td="" uri="[barred URI]"><td></td><td></td><td></td></entry>			
<pre><entry <="" pre="" uri="[any URI not barred]"></entry></pre>	cp:copyControl="to"/>		
INVITE 3:			
INVITE 3:			
<resource-lists></resource-lists>			
<resource-lists> <list></list></resource-lists>	convControl="to"/>		
<resource-lists> <list> <entry cp<="" th="" uri="[any URI not barred]"><th>:copyControl="to"/&gt;</th><th></th><th></th></entry></list></resource-lists>	:copyControl="to"/>		
<resource-lists> <list> <entry cp<br="" uri="[any URI not barred]"></entry></list></resource-lists>	:copyControl="to"/>		
<resource-lists> <list> <entry cp<br="" uri="[any URI not barred]"></entry></list> </resource-lists>	:copyControl="to"/>		
<resource-lists> <list> <entry cp<br="" uri="[any URI not barred]"></entry></list> </resource-lists> Comments:			
<resource-lists> <list> <entry cp<br="" uri="[any URI not barred]"></entry></list> </resource-lists>	:copyControl="to"/> SUT	UA S (ISC)	
<resource-lists> <list> <entry cp<br="" uri="[any URI not barred]"></entry></list> </resource-lists> Comments:		UA S (ISC)	
<resource-lists> <list> <entry cp<br="" uri="[any URI not barred]"></entry></list> </resource-lists> Comments: UA C		UA S (ISC)	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE →		UA S (ISC)	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK →	SUT	UA S (ISC)	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ	SUT	UA S (ISC)	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE →	SUT	UA S (ISC)	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ	SUT	UA S (ISC)	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ←	SUT	UA S (ISC)	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ← INVITE 2 (conference factory URI) →	SUT		
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ← INVITE 2 (conference factory URI) 200 OK INVITE ←	SUT	→ INVITE 3 (c	conference factory URI)
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ← INVITE 2 (conference factory URI) →	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> </ul>	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ← INVITE 2 (conference factory URI) 200 OK INVITE ←	SUT	→ INVITE 3 (c	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ← INVITE 2 (conference factory URI) 200 OK INVITE ←	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> </ul>	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ← INVITE 2 (conference factory URI) 200 OK INVITE ← ACK → INVITE 1 →	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> </ul>	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE → 200 OK INVITE 1 ← ACK → Result announcement activ BYE → 200 OK BYE ← INVITE 2 (conference factory URI) 200 OK INVITE ← ACK → INVITE 1 ← 200 OK INVITE ←	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> </ul>	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE 4 200 OK INVITE 1 ACK 3 Result announcement active BYE 3 200 OK BYE 4 INVITE 2 (conference factory URI) 200 OK INVITE 4 ACK 3 INVITE 1 200 OK INVITE 4 ACK 3 INVITE 1 3 200 OK INVITE 4 ACK 3 3 3 3 3 3 3 3 3 3 3 3 3 3	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> </ul>	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE 200 OK INVITE 1 ACK BYE 200 OK BYE INVITE 2 (conference factory URI) 200 OK INVITE ACK INVITE 1 200 OK INVITE ACK	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> </ul>	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE 4 200 OK INVITE 1 ACK 3 Result announcement activ BYE 3 200 OK BYE 4 INVITE 2 (conference factory URI) 200 OK INVITE 4 ACK 3 INVITE 1 200 OK INVITE 4 ACK 3 INVITE 1 200 OK INVITE 4 ACK 3 INVITE 1 200 OK INVITE 4 ACK 3 Result announcement deaction BYE 3 Comment 4 Comment 4	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> </ul>	
<resource-lists> <li>list&gt; <entry cp<br="" uri="[any URI not barred]"> </entry></li></resource-lists> Comments: UA C INVITE 200 OK INVITE 1 ACK BYE 200 OK BYE INVITE 2 (conference factory URI) 200 OK INVITE ACK INVITE 1 200 OK INVITE ACK	SUT	<ul> <li>→ INVITE 3 (c</li> <li>← 200 OK INV</li> <li>→ ACK</li> </ul>	

#### 5.3.3 Communication Diversion services (CDIV)

TSS	TP	CB reference	Selection expression
ACR-CB/Network/interaction_CDIV	ACR-CB_N06_001	4.6.7	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/14 AND
			PICS 4.7.2/2
Test purpose			
ACR has precedence if the served user has	activated the communic	ation diversion service	. Configuration over Ut
interface.			
The ACR service shall take precedence over	r the Communication Div	ersion service for the	served user If the served
user has activated the ACR.			
Ensure that the ACR service rejects the inco	ming communication wh	ere the request include	es the P-Asserted-Identity
header AND the Privacy header indicating "i	d".		
Ensure that the SUT is sending a 433 (Anon	ymity Disallowed) respo	nse when the commun	ication is rejected.
The service configuration takes place over the	he Ut interface using XC	AP.	-
XML abstract			
<incoming-communication-barring [any="" active="tr&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;rul&gt;     &lt;li&gt;&lt;ruleset&gt;&lt;/li&gt; &lt;/ul&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;rule id=" identifier]"=""></incoming-communication-barring>			
<conditions></conditions>			
<anonymous></anonymous>			
<a>actions&gt;</a>			
<actions> <allow>false</allow></actions>			
incoming-communication-barring			
SIP header values:			
INVITE:			
Privacy: id Comments:			
UA C	SUT	UA S	
UA C	301	UA 3	
HTTP Request (activate outgoing communic	ation barring "identity")		
	0 ,		
INVITE ->			
100 Trying 🗧 🗧 🗧			
433 Anonymity Disallowed			
ACK 🔶			
HTTP Request (deactivate outgoing commun	nication barring "identity	')	
	5,	•	

TSS	TP	CB reference	Coloction ownerspinn
ACR-CB/Network/interaction_CDIV	ACR-CB_N06_002	4.6.7	Selection expression PICS 4.5.1/2 AND
	ACR-CB_N00_002		PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.3.2/[4]	PICS 4.7.1/2 AND PICS 4.7.1/15 AND
		4.3.3/ [4]	
Test purpose			PICS 4.7.2/2
ACR has precedence if the served user l	has activated the communic	ation diversion service	Configuration using SIP
based user configuration.			Configuration using SIF
The ACR service shall take precedence	over the Communication Div	arsion service for the	served user If the served
user has activated the ACR.			served user if the served
Ensure that the ACR service rejects the i	ncoming communication wh	are the request include	es the P-Asserted-Identity
header AND the Privacy header indicatin		ere the request molduc	es the r -Asserted-Identity
Ensure that the SUT is sending a 433 (A		se when the commun	ication is rejected
The service configuration takes place usi			ioation is rejected.
SIP header values:	ing on Bacca acci coningate		
INVITE 2:			
Privacy: id			
i mady na			
INVITE 1: Request line sip: <service cod<="" td=""><td>le&gt;;phone-context=<any don<="" td=""><td>nain&gt;;user=dialstring S</td><td>SIP/2.0</td></any></td></service>	le>;phone-context= <any don<="" td=""><td>nain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	nain>;user=dialstring S	SIP/2.0
Comments:	· · · · ·		
UAC	SUT	UA S	
INVITE 1	<del>}</del>		
	F-		
	<b>&gt;</b>		
Result announcement a			
	<b>&gt;</b>		
200 OK BYE	F		
INVITE 2	<b>&gt;</b>		
	E		
, ,			
	<b>`</b>		
	2		
INVITE 1	→		
200 OK INVITE	E		
	<b>→</b>		
Result announcement de	eactivation		
BYE -	<b>&gt;</b>		
200 OK BYE	F		

TSS	TP	CB reference	Selection expression
ACR-CB/Network/interaction_CDIV	ACR-CB_N06_003	4.6.7	PICS 4.5.1/2 AND
		4.9.1.4	PICS 4.7.1/2 AND
			PICS 4.7.1/10 AND
			PICS 4.7.2/2
Test purpose			1100 4.7.2/2
ICB has precedence if the served user has acti	ivated the communication	n diversion service. Co	onfiguration over Ut
interface.			
Ensure that the ICB service shall take preceder	nce over the Communica	tion Diversion service	for the served user If the
served user has activated the ICB.			
Ensure that a outgoing communication is reject			
Asserted-Identity or the From header field of the			
Ensure that the SUT is sending a 603 (Decline)			ected.
The service configuration takes place over the	Ut interface using XCAP.	•	
XML abstract			
<incoming-communication-barring <="" active="true" td=""><td>"&gt;</td><td></td><td></td></incoming-communication-barring>	">		
<ruleset></ruleset>	-		
<rule id="[any identifier]"></rule>			
<pre><conditions></conditions></pre>			
<identity></identity>			
<pre><one id="[any URI (PIXIT]]&lt;/pre&gt;&lt;/td&gt;&lt;td&gt;&lt;i&gt;1&lt;/i&gt;"></one></pre>			
<actions></actions>			
<allow>false</allow>			
incoming-communication-barring			
Comments:			
UAC	SUT	UA S	
HTTP Request (activate outgoing communicati	on barring "identity")		
INVITE			
100 Trying			
603 Decline			
ACK			
HTTP Request (deactivate outgoing communic	ation barring "identity")		

TSS	ТР	CB reference	Selection expression
ACR-CB/Network/interaction_CDIV	ACR-CB_N06_004	4.6.7	Selection expression PICS 4.5.1/2 AND
	ACK-CB_N00_004	4.3.2/ [4]	PICS 4.5.1/2 AND PICS 4.7.1/2 AND
		4.3.3/ [4]	PICS 4.7.1/11 AND
		4.0.0/[4]	PICS 4.7.2/2
Test purpose			100 1112/2
ICB has precedence if the served user ha	as activated the communica	tion diversion service.	Configuration using SIP
based user configuration.			e en lig en en en en lig en
Ensure that the ICB service shall take pre	ecedence over the Commun	ication Diversion servio	ce for the served user If the
served user has activated the ICB.			
Ensure that a outgoing communication is	rejected when the evaluation	on of the 'identity' condi	tion matches the P-
Asserted-Identity or the From header field			
Ensure that the SUT is sending a 603 (De			ejected.
The service configuration takes place usi	ing SIP based user configura	ation.	
SIP header values:			
INVITE 1: Request line sip: <service cod<="" td=""><td>le&gt;;phone-context=<any dor<="" td=""><td>nain&gt;;user=dialstring S</td><td>SIP/2.0</td></any></td></service>	le>;phone-context= <any dor<="" td=""><td>nain&gt;;user=dialstring S</td><td>SIP/2.0</td></any>	nain>;user=dialstring S	SIP/2.0
Comments:			
UAC	SUT	UA S	
	<b>&gt;</b>		
ACK	→		
Result announcement a			
5.2	<b>&gt;</b>		
200 OK BYE			
	<b>&gt;</b>		
	-		
	•		
INVITE 1	•		
	<b>→</b>		
200 OK INVITE			
200 OK INVITE	÷		
200 OK INVITE	eactivation		

## Annex A (informative): Bibliography

ETSI TS 124 238: "Universal Mobile Telecommunications System (UMTS); LTE; Session Initiation Protocol (SIP) based user configuration; Stage 3 (3GPP TS 24.238 Release 10)".

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# History

	Document history			
V1.0.0	June 2006	Publication		
V2.1.1	July 2009	Publication		
V5.1.1	September 2012	Publication		

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