

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**Q.4012.2**

(08/2016)

SERIES Q: SWITCHING AND SIGNALLING

Testing specifications – Testing specifications for SIP-IMS

---

**Anonymous communication rejection and communication barring using IP multimedia core network subsystem; Conformance test specification – Part 2: Test suite structure and test purposes; Network side**

Recommendation ITU-T Q.4012.2

ITU-T Q-SERIES RECOMMENDATIONS  
**SWITCHING AND SIGNALLING**

SIGNALLING IN THE INTERNATIONAL MANUAL SERVICE	Q.1–Q.3
INTERNATIONAL AUTOMATIC AND SEMI-AUTOMATIC WORKING	Q.4–Q.59
FUNCTIONS AND INFORMATION FLOWS FOR SERVICES IN THE ISDN	Q.60–Q.99
CLAUSES APPLICABLE TO ITU-T STANDARD SYSTEMS	Q.100–Q.119
SPECIFICATIONS OF SIGNALLING SYSTEMS No. 4, 5, 6, R1 AND R2	Q.120–Q.499
DIGITAL EXCHANGES	Q.500–Q.599
INTERWORKING OF SIGNALLING SYSTEMS	Q.600–Q.699
SPECIFICATIONS OF SIGNALLING SYSTEM No. 7	Q.700–Q.799
Q3 INTERFACE	Q.800–Q.849
DIGITAL SUBSCRIBER SIGNALLING SYSTEM No. 1	Q.850–Q.999
PUBLIC LAND MOBILE NETWORK	Q.1000–Q.1099
INTERWORKING WITH SATELLITE MOBILE SYSTEMS	Q.1100–Q.1199
INTELLIGENT NETWORK	Q.1200–Q.1699
SIGNALLING REQUIREMENTS AND PROTOCOLS FOR IMT-2000	Q.1700–Q.1799
SPECIFICATIONS OF SIGNALLING RELATED TO BEARER INDEPENDENT CALL CONTROL (BICC)	Q.1900–Q.1999
BROADBAND ISDN	Q.2000–Q.2999
SIGNALLING REQUIREMENTS AND PROTOCOLS FOR THE NGN	Q.3000–Q.3709
SIGNALLING REQUIREMENTS AND PROTOCOLS FOR SDN	Q.3710–Q.3899
TESTING SPECIFICATIONS	Q.3900–Q.4099
Testing specifications for next generation networks	Q.3900–Q.3999
<b>Testing specifications for SIP-IMS</b>	<b>Q.4000–Q.4039</b>
Testing specifications for Cloud computing	Q.4040–Q.4059

*For further details, please refer to the list of ITU-T Recommendations.*

## Recommendation ITU-T Q.4012.2

### **Anonymous communication rejection and communication barring using IP multimedia core network subsystem; Conformance test specification – Part 2: Test suite structure and test purposes; Network side**

#### Summary

Recommendation ITU-T Q.4012.2 provides the testing requirements for the supplementary service "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) for the network side" (based on Recommendation ITU-T Q.3628 v.1).

The version number, v.1, indicates that this is version one of Recommendation ITU-T Q.4012.2, and that it relates to Release 10 of the relevant 3GPP/ETSI standard.

#### History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T Q.4012.2 v.1	2016-08-29	11	<a href="http://handle.itu.int/11.1002/1000/13008">11.1002/1000/13008</a>

#### Keywords

ACR, anonymous communication rejection, IMS, IP multimedia subsystem, testing, test suite structure and test purposes, TSS&TP.

---

\* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

## NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

## INTELLECTUAL PROPERTY RIGHTS

ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

© ITU 2017

All rights reserved. No part of this publication may be reproduced, by any means whatsoever, without the prior written permission of ITU.

## Table of Contents

	<b>Page</b>
1 Scope.....	1
2 References.....	1
3 Definitions .....	1
3.1 Terms defined elsewhere .....	1
3.2 Terms defined in this Recommendation.....	1
4 Abbreviations and acronyms .....	1
5 Conventions .....	2
6 Test Suite Structure.....	2
6.1 Configuration.....	2
7 Test Purposes .....	3
7.1 Introduction .....	3
7.2 TPs for communication barring and anonymous communication rejection...	4



## Recommendation ITU-T Q.4012.2

### **Anonymous communication rejection and communication barring using IP multimedia core network subsystem; Conformance test specification – Part 2: Test suite structure and test purposes; Network side**

#### **1 Scope**

This Recommendation is Part 2 of a multi-part deliverable covering 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); Network side, as identified below:

Part 1: "Protocol implementation conformance statement (PICS)";

**Part 2: "Test suite structure and test purposes (TSS&TP); Network side";**

Part 3: "Test suite structure and test purposes (TSS&TP); User side".

#### **2 References**

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

[ITU-T Q.3628 v.1] Recommendation ITU-T Q.3628 v.1 (2016), *Anonymous communication rejection and communication barring using IP multimedia core network subsystem – Protocol specification*.

[ITU-T Q.4012.1 v.1] Recommendation ITU-T Q.4012.1 v.1 (2016), *Anonymous communication rejection and communication barring using IP multimedia core network; Conformance testing specification – Part 1: Protocol implementation conformance statement*.

#### **3 Definitions**

##### **3.1 Terms defined elsewhere**

None.

##### **3.2 Terms defined in this Recommendation**

None.

#### **4 Abbreviations and acronyms**

This Recommendation uses the following abbreviations and acronyms:

ACR Anonymous Communication Rejection

AS Application Server

CB Communication Barring

CDIV	Communication Diversion services
CN	Core Network
ICB	Incoming Communication Barring
IM	IP Multimedia
IMS	IP Multimedia Subsystem
IP	Internet Protocol
ISC	IMS Service Control
NNI	Network to Network Interface
OCB	Outgoing Communication Barring
OIP	Originating Identification Presentation
PICS	Protocol Implementation Conformance Statement
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

## 5 Conventions

None.

## 6 Test Suite Structure

**Table 6-1 – Test Suite Structure**

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

### 6.1 Configuration

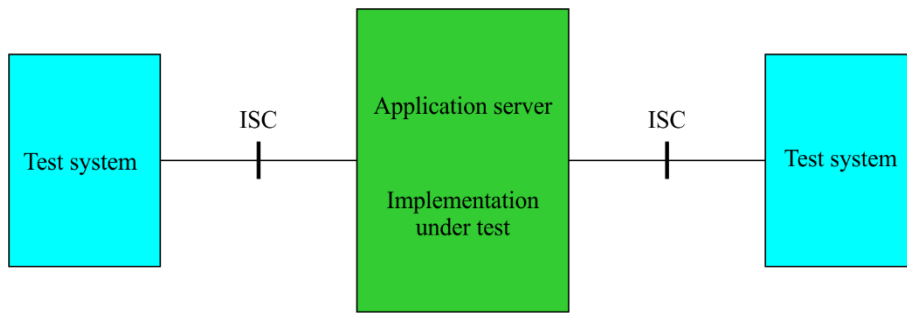
The scope of this Recommendation is to test the signalling and procedural aspects of the stage 3 requirements as described in [ITU-T Q.3628 v.1]. Stage 3 describes the requirements for several network entities and also for terminal devices. Consequently, several interfaces (reference points) are addressed to satisfy the test of the different entities.

In order to test the appropriate entities the configurations below are applicable.

#### 6.1.1 Testing of the application server

The application server (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.

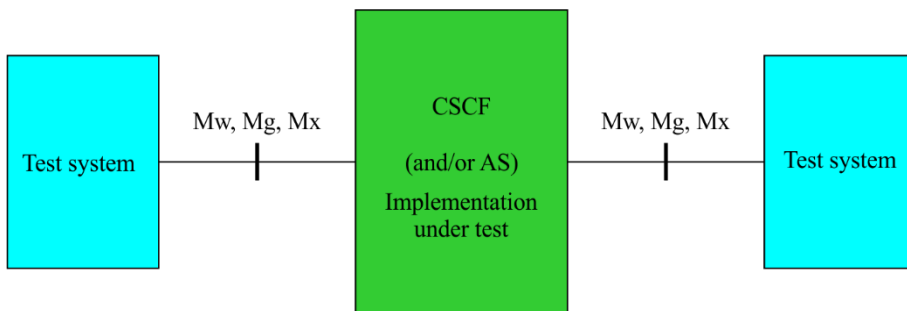




Q.4012.2v1(16)\_F6.1-1

**Figure 1 – Applicable interface to test AS functionalities**

If the ISC interface is not accessible it is also possible to perform the test of the AS using any network to network interface (NNI) (Mw, Mg, Mx) (see Figure 2). The Gm interface shall be used instead, if it is the only interface available but the verification of all requirements may not be possible.



Q.4012.2v1(16)\_F6.1-2

**Figure 2 – Applicable interfaces for tests using a (generic) NNI**

## 7 Test Purposes

### 7.1 Introduction

For each test requirement a test purpose (TP) is defined.

#### 7.1.1 TP naming convention

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

**Table 1 – TP identifier naming convention scheme**

Identifier: <ss>_<iut><group>_<nnn>		
<ss>	= supplementary service:	e.g. "ACR-CB"
<iut>	= type of IUT:	U      User – equipment N      Network
<group>	= group	2 digit field representing group reference according to TSS
<nnn>	= sequential number	(001-999)

#### 7.1.2 Test strategy

As the base standard [ITU-T Q.3628 v.1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the protocol implementation conformance statement (PICS) specification [ITU-T Q.4012.1]. The criteria applied include the following:

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

## 7.2 TPs for communication barring and anonymous communication rejection

### 7.2.1 Actions for OCB at the originating AS

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_001	<b>CB reference</b> Clauses 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/6 [ITU-T Q.4012.1 v.1]																					
<p><b>Test purpose</b>  <i>Outgoing communication barring (OCB) evaluates 'identity' with one item. Configuration over Ut interface.</i>            Ensure that an outgoing communication is rejected when the evaluation of the called number matches in one of the served user's outgoing communication barring rules (Black list).            Ensure that the system under test (SUT) is sending a 603 (Decline) final response when the communication is rejected.            The service configuration takes place over the Ut interface using the extensible markup language configuration access protocol (XCAP).</p>																								
<p><b>XML abstract</b></p> <pre>&lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;one id="[any URI (PIXIT)]"&gt;&lt;/one&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt;</pre>																								
<p><b>Comments:</b></p> <table border="0"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
603 Decline	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_002	<b>CB reference</b> Clauses 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/4 AND PICS 4.7.1/6 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'identity' with one item. Configuration over Ut interface. An announcement is provided.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches in one of the served user's outgoing communication barring rules (Black list). Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b> <pre> &lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier&gt;"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;one id="[any URI (PIXIT)]"&gt;&lt;/one&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt; </pre>																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: right; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>183 Session Progress</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		183 Session Progress	←			<b>Announcement</b>		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
183 Session Progress	←																										
	<b>Announcement</b>																										
603 Decline	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_003	<b>CB reference</b> Clauses 4.5.2.4.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/7 [ITU-T Q.4012.1 v.1]																																																									
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'identity' with one item. Configuration using session initiation protocol (SIP) based user configuration.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches in one of the served user's outgoing communication barring rules (Black list). Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																												
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																												
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→		100 Trying	←		603 Decline	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																										
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement activation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											
INVITE 2	→																																																											
100 Trying	←																																																											
603 Decline	←																																																											
ACK	→																																																											
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement deactivation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_004	<b>CB reference</b> Clauses 4.5.2.4.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/7 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'identity' with one item. Configuration using SIP based user configuration. An announcement is provided.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches in one of the served user's outgoing communication barring rules (Black list). Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																											
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>183 Session Progress</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Announcement</b></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←			INVITE 2	→			183 Session Progress	←			<b>Announcement</b>				603 Decline	←			ACK	→			INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																								
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→																																																																										
183 Session Progress	←																																																																										
<b>Announcement</b>																																																																											
603 Decline	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_005	<b>CB reference</b> Clauses 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/6 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'identity' in a list of items. Configuration over Ut interface.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number does not match any entry in the list (White list) of the served user's outgoing communication barring rules. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier&gt;"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;many &lt;except id="[any URI (PIXIT)]"/&gt;&lt;/many&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt; </pre>																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
603 Decline	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_006	<b>CB reference</b> Clauses 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/4 AND PICS 4.7.1/6 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'identity' in a list of items. Configuration over Ut interface. An announcement is provided.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number does not match any entry in the list (White list) of the served user's outgoing communication barring rules. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b> <pre> &lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier&gt;"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;many &lt;except id="[any URI (PIXIT)]"/&gt;&lt;/many&gt;           &lt;/identity&gt;         &lt;/conditions&gt;         &lt;actions&gt;           &lt;allow&gt;false&lt;/allow&gt;         &lt;/actions&gt;       &lt;/rule&gt;     &lt;/ruleset&gt;   &lt;/outgoing-communication-barring&gt; </pre>																											
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>183 Session Progress</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		183 Session Progress	←			<b>Announcement</b>		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
183 Session Progress	←																										
	<b>Announcement</b>																										
603 Decline	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_007	<b>CB reference</b> Clauses 4.5.2.4.1 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/7 [ITU-T Q.4012.1 v.1]																																																																												
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'identity' in a list of items. Configuration using SIP based user configuration.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number does not match any entry in the list (White list) of the served user's outgoing communication barring rules. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																															
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																															
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="padding-top: 10px;"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="padding-top: 10px;"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←							INVITE 2	→			100 Trying	←			603 Decline	←			ACK	→							INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																												
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement activation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														
INVITE 2	→																																																																														
100 Trying	←																																																																														
603 Decline	←																																																																														
ACK	→																																																																														
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement deactivation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														



<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_008	<b>CB reference</b> Clauses 4.5.2.4.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/4 AND PICS 4.7.1/7 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'identity' in a list of items. Configuration using SIP based user configuration. An announcement is provided.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number does not match any entry in the list of the served user's outgoing communication barring rules. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																											
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>183 Session Progress</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Announcement</b></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←			INVITE 2	→			183 Session Progress	←			<b>Announcement</b>				603 Decline	←			ACK	→			INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																								
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→																																																																										
183 Session Progress	←																																																																										
<b>Announcement</b>																																																																											
603 Decline	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_009	<b>CB reference</b> Clauses of 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/8 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> <i>Outgoing communication barring evaluates to an 'external list'. Configuration over Ut interface.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches the served user's outgoing communication barring rules referring to an external list. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier&gt;"&gt;       &lt;conditions&gt;         &lt;external-list&gt;           &lt;entry anc="&lt;any URI referring to the external list (PIXIT)&gt;"&gt;&lt;/entry&gt;         &lt;/external-list&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt; </pre>																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "external-list")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "external-list")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "external-list")			INVITE	→		100 Trying	←		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "external-list")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "external-list")																								
INVITE	→																							
100 Trying	←																							
603 Decline	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "external-list")																								

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_010	<b>CB reference</b> Clauses 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/4 AND PICS 4.7.1/8 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> <i>Outgoing communication barring evaluates to an 'external list'. Configuration over Ut interface. An announcement is provided.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches the served user's outgoing communication barring rules referring to an external list. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b> <pre> &lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier&gt;"&gt;       &lt;conditions&gt;         &lt;external-list&gt;           &lt;entry anc="&lt;any URI referring to the external list (PIXIT)&gt;"&gt;&lt;/entry&gt;         &lt;/external-list&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt; </pre>																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: right; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "external-list")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>183 Session Progress</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "external-list")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "external-list")			INVITE	→		183 Session Progress	←			<b>Announcement</b>		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "external-list")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "external-list")																											
INVITE	→																										
183 Session Progress	←																										
	<b>Announcement</b>																										
603 Decline	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "external-list")																											

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_011	<b>CB reference</b> Clause 4.5.2.4.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/9 [ITU-T Q.4012.1 v.1]																																																									
<b>Test purpose</b> <i>Outgoing communication barring evaluates to an 'external list'. Configuration using SIP based user configuration.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches the served user's outgoing communication barring rules referring to an external list. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																												
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																												
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 10%;">SUT</th> <th style="text-align: right; width: 55%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→		100 Trying	←		603 Decline	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																										
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement activation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											
INVITE 2	→																																																											
100 Trying	←																																																											
603 Decline	←																																																											
ACK	→																																																											
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement deactivation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_012	<b>CB reference</b> Clause 4.5.2.4.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/4 AND PICS 4.7.1/9 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> <i>Outgoing communication barring evaluates to an 'external list'. Configuration using SIP based user configuration. An announcement is provided.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches the served user's outgoing communication barring rules referring to an external list. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																											
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>183 Session Progress</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Announcement</b></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←			INVITE 2	→			183 Session Progress	←			<b>Announcement</b>				603 Decline	←			ACK	→			INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																								
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→																																																																										
183 Session Progress	←																																																																										
<b>Announcement</b>																																																																											
603 Decline	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										

<b>TSS</b> ACR-CB/Network/OCB_originating_AS	<b>TP</b> ACR-CB_N01_013	<b>CB reference</b> Clauses 4.5.2.4.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/7 AND NOT PICS 4.7.1/4 [ITU-T Q.4012.1 v.1]																																																									
<b>Test purpose</b> <i>Outgoing communication barring evaluates 'international' with one item. Configuration using SIP based user configuration.</i> Ensure that an outgoing communication is rejected when the evaluation of the called number matches with the served user's outgoing communication barring rules for international destinations. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																												
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																												
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→		100 Trying	←		603 Decline	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																										
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement activation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											
INVITE 2	→																																																											
100 Trying	←																																																											
603 Decline	←																																																											
ACK	→																																																											
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement deactivation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											

## 7.2.2 Actions for ICB at the terminating AS

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_001	<b>CB reference</b> Clauses 4.5.2.6.1, 4.9.1.4 [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/10 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> <i>Incoming communication barring (ICB) evaluates 'identity'. Configuration over Ut interface.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches one of the served user's incoming communication barring rules (Black list). Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;one id="[any URI (PIXIT)]"&gt;&lt;/one&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
603 Decline	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_002	<b>CB reference</b> Clauses 4.5.2.6, 4.9.1.4 [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/10 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> <i>Incoming communication barring evaluates 'identity'. Configuration over Ut interface. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches one of the served user's incoming communication barring rules (Black list). Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;one id="[any URI (PIXIT)]"&gt;&lt;/one&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: right; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←			<b>Announcement</b>		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
100 Trying	←																										
	<b>Announcement</b>																										
603 Decline	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											



<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_003	<b>CB reference</b> Clauses 4.5.2.6.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/11 [ITU-T Q.4012.1 v.1]																																																																																															
<b>Test purpose</b> <i>Incoming communication barring evaluates 'identity'. Configuration using SIP based user configuration.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches one of the served user's incoming communication barring rules (Black list). Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																																																		
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																																																		
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 20%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: right; width: 25%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="padding-top: 10px;"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="padding-top: 10px;"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT		UA S	INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement activation</b>					BYE	→				200 OK BYE	←									INVITE 2	→				100 Trying	←				603 Decline	←				ACK	→									INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement deactivation</b>					BYE	→				200 OK BYE	←			
UA C		SUT		UA S																																																																																														
INVITE 1	→																																																																																																	
200 OK INVITE	←																																																																																																	
ACK	→																																																																																																	
<b>Result announcement activation</b>																																																																																																		
BYE	→																																																																																																	
200 OK BYE	←																																																																																																	
INVITE 2	→																																																																																																	
100 Trying	←																																																																																																	
603 Decline	←																																																																																																	
ACK	→																																																																																																	
INVITE 1	→																																																																																																	
200 OK INVITE	←																																																																																																	
ACK	→																																																																																																	
<b>Result announcement deactivation</b>																																																																																																		
BYE	→																																																																																																	
200 OK BYE	←																																																																																																	

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_004	<b>CB reference</b> Clauses 4.5.2.6.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/11 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> <i>Incoming communication barring evaluates 'identity'. Configuration using SIP based user configuration. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches one of the served user's incoming communication barring rules (Black list). Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																											
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement activation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Announcement</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement deactivation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←			INVITE 2	→			100 Trying	←			<b>Announcement</b>				603 Decline	←			ACK	→			INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																								
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→																																																																										
100 Trying	←																																																																										
<b>Announcement</b>																																																																											
603 Decline	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_005	<b>CB reference</b> Clauses 4.5.2.6.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/10 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> <i>Incoming communication barring evaluates 'identity' in a list of items. Configuration over Ut interface.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field does not match any entry in the list (White list) of the served user's incoming communication barring rules. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;many &lt;except id="[any URI (PIXIT)]"/&gt;&lt;/many&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
603 Decline	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_006	<b>CB reference</b> Clauses 4.5.2.6.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/10 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> <i>Incoming communication barring evaluates 'identity' in a list of items. Configuration over Ut interface. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field does not match any entry in the list (White list) of the served user's incoming communication barring rules. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;many &lt;except id="[any URI (PIXIT)]"/&gt;&lt;/many&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/ incoming-communication-barring&gt; </pre>																											
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←			<b>Announcement</b>		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
100 Trying	←																										
	<b>Announcement</b>																										
603 Decline	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_007	<b>CB reference</b> Clauses 4.5.2.6.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/11 [ITU-T Q.4012.1 v.1]																																																																												
<b>Test purpose</b> <i>Incoming communication barring evaluates 'identity' in a list of items. Configuration using SIP based user configuration.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field does not match any entry in the list (White list) of the served user's incoming communication barring rules. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																															
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																															
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 25%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←							INVITE 2	→			100 Trying	←			603 Decline	←			ACK	→							INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																												
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement activation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														
INVITE 2	→																																																																														
100 Trying	←																																																																														
603 Decline	←																																																																														
ACK	→																																																																														
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement deactivation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_008	<b>CB reference</b> Clauses 4.5.2.6, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/11 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> <i>Incoming communication barring evaluates 'identity' in a list of items. Configuration using SIP based user configuration. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field does not match any entry in the list (White list) of the served user's incoming communication barring rules. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																											
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement activation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Announcement</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement deactivation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←			INVITE 2	→			100 Trying	←			<b>Announcement</b>				603 Decline	←			ACK	→			INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																								
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→																																																																										
100 Trying	←																																																																										
<b>Announcement</b>																																																																											
603 Decline	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_009	<b>CB reference</b> Clauses 4.5.2.6.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/12 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> <i>Incoming communication barring evaluates 'external list'. Configuration over Ut interface.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches the served user's incoming communication barring rules referring to an external list. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;external-list&gt;           &lt;entry anc="&lt;any URI referring to the external list (PIXIT)&gt;"&gt;&lt;/entry&gt;         &lt;/external-list&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
603 Decline	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_010	<b>CB reference</b> Clauses 4.5.2.6, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/12 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> <i>Incoming communication barring evaluates 'external list'. Configuration over Ut interface. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches the served user's incoming communication barring rules referring to an external list. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;external-list&gt;           &lt;entry anc="&lt;any URI referring to the external list (PIXIT)&gt;"&gt;&lt;/entry&gt;         &lt;/external-list&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: right; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←			<b>Announcement</b>		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
100 Trying	←																										
	<b>Announcement</b>																										
603 Decline	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											



<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_011	<b>CB reference</b> Clauses 4.5.2.6.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/13 [ITU-T Q.4012.1 v.1]																																																																												
<b>Test purpose</b> <i>Incoming communication barring evaluates 'external list'. Configuration using SIP based user configuration.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches the served user's incoming communication barring rules referring to an external list. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																															
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																															
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 25%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="padding-top: 10px;"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="padding-top: 10px;"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←							INVITE 2	→			100 Trying	←			603 Decline	←			ACK	→							INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																												
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement activation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														
INVITE 2	→																																																																														
100 Trying	←																																																																														
603 Decline	←																																																																														
ACK	→																																																																														
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement deactivation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_012	<b>CB reference</b> Clauses 4.5.2.6.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/13 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> <i>Incoming communication barring evaluates 'external list'. Configuration using SIP based user configuration. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the P-Asserted-Identity or the From header field matches the served user's incoming communication barring rules referring to an external list. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																											
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Announcement</b></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←			INVITE 2	→			100 Trying	←			<b>Announcement</b>				603 Decline	←			ACK	→			INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																								
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→																																																																										
100 Trying	←																																																																										
<b>Announcement</b>																																																																											
603 Decline	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_013	<b>CB reference</b> Clauses 4.5.2.6.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/16 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> <i>Incoming communication barring evaluates '<b>communication-diverted</b>'. Configuration over Ut interface.</i> Ensure that an incoming communication is rejected when the evaluation of the History-info header field matches the served user's incoming communication barring rules. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;communication-diverted/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>SIP header values:</b> <b>INVITE:</b> History-Info: any value																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
603 Decline	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_014	<b>CB reference</b> Clauses 4.5.2.6, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/16 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> <i>Incoming communication barring evaluates 'communication-diverted'. Configuration over Ut interface. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the History-info header field matches the served user's incoming communication barring rules. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;communication-diverted/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																											
<b>SIP header values:</b> <b>INVITE:</b> History-Info: any value																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: right; width: 35%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←			<b>Announcement</b>		603 Decline	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
100 Trying	←																										
	<b>Announcement</b>																										
603 Decline	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_015	<b>CB reference</b> Clauses 4.5.2.6.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/17 [ITU-T Q.4012.1 v.1]
<b>Test purpose</b> <i>Incoming communication barring evaluates 'communication-diverted'. Configuration using SIP based user configuration.</i> Ensure that an incoming communication is rejected when the evaluation of the History-info header field matches the served user's incoming communication barring rules. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.			
<b>SIP header values:</b>			
<b>INVITE 2:</b> History-Info: any value			
<b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0			
<b>Comments:</b>			
<b>UA C</b>	<b>SUT</b>	<b>UA S</b>	
INVITE 1	→		
200 OK INVITE	←		
ACK	→		
<b>Result announcement activation</b>			
BYE	→		
200 OK BYE	←		
INVITE 2	→		
100 Trying	←		
603 Decline	←		
ACK	→		
INVITE 1	→		
200 OK INVITE	←		
ACK	→		
<b>Result announcement deactivation</b>			
BYE	→		
200 OK BYE	←		

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_016	<b>CB reference</b> Clauses 4.5.2.6.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/17 [ITU-T Q.4012.1 v.1]																																																						
<b>Test purpose</b> <i>Incoming communication barring evaluates 'communication-diverted'. Configuration using SIP based user configuration. An announcement is provided.</i> Ensure that an incoming communication is rejected when the evaluation of the History-info header field matches the served user's incoming communication barring rules. Ensure that the SUT provides an announcement to the originating user before sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																									
<b>SIP header values:</b> <b>INVITE 2:</b> History-Info: any value <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																									
<b>Comments:</b> <table style="width:100%; border:none;"> <thead> <tr> <th style="text-align:left;">UA C</th> <th style="text-align:center;">SUT</th> <th style="text-align:right;">UA S</th> </tr> </thead> <tbody> <tr><td>INVITE 1</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK INVITE</td><td style="text-align:center;">←</td><td></td></tr> <tr><td>ACK</td><td style="text-align:center;">→</td><td></td></tr> <tr><td colspan="3" style="text-align:center;"><b>Result announcement activation</b></td></tr> <tr><td>BYE</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK BYE</td><td style="text-align:center;">←</td><td></td></tr> <tr><td>INVITE 2</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>100 Trying</td><td style="text-align:center;">←</td><td></td></tr> <tr><td colspan="3" style="text-align:center;"><b>Announcement</b></td></tr> <tr><td>603 Decline</td><td style="text-align:center;">←</td><td></td></tr> <tr><td>ACK</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>INVITE 1</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK INVITE</td><td style="text-align:center;">←</td><td></td></tr> <tr><td>ACK</td><td style="text-align:center;">→</td><td></td></tr> <tr><td colspan="3" style="text-align:center;"><b>Result announcement deactivation</b></td></tr> <tr><td>BYE</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK BYE</td><td style="text-align:center;">←</td><td></td></tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←		INVITE 2	→		100 Trying	←		<b>Announcement</b>			603 Decline	←		ACK	→		INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																							
INVITE 1	→																																																								
200 OK INVITE	←																																																								
ACK	→																																																								
<b>Result announcement activation</b>																																																									
BYE	→																																																								
200 OK BYE	←																																																								
INVITE 2	→																																																								
100 Trying	←																																																								
<b>Announcement</b>																																																									
603 Decline	←																																																								
ACK	→																																																								
INVITE 1	→																																																								
200 OK INVITE	←																																																								
ACK	→																																																								
<b>Result announcement deactivation</b>																																																									
BYE	→																																																								
200 OK BYE	←																																																								

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_017	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/22 [ITU-T Q.4012.1 v.1]																																												
<b>Test purpose</b> <i>The SUT stores the identity in the incoming barring rules as indicated in a 603. Configuration over Ut interface.</i> Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends a 603 Decline in the early dialogue containing a Reason header field containing '603 Decline'. An additional call attempt to the served user is rejected according the incoming communication barring rules upgraded with the stored identity. (Applicable use in blacklist). The service configuration takes place over the Ut interface using XCAP.																																															
<b>SIP header values:</b> <b>603 1:</b> Reason: SIP;cause=603;text="Decline"																																															
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 30%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="4">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> <td>→ INVITE</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">←</td> <td></td> <td>← 180 Ringing</td> </tr> <tr> <td>603 Decline 2</td> <td style="text-align: center;">←</td> <td></td> <td>← 603 Decline 1</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td>→ ACK</td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT		UA S	HTTP Request (activate outgoing communication barring "identity")				INVITE	→		→ INVITE	180 Ringing	←		← 180 Ringing	603 Decline 2	←		← 603 Decline 1	ACK	→		→ ACK					INVITE	→			603 Decline	←			ACK	→			HTTP Request (deactivate outgoing communication barring "identity")			
UA C	SUT		UA S																																												
HTTP Request (activate outgoing communication barring "identity")																																															
INVITE	→		→ INVITE																																												
180 Ringing	←		← 180 Ringing																																												
603 Decline 2	←		← 603 Decline 1																																												
ACK	→		→ ACK																																												
INVITE	→																																														
603 Decline	←																																														
ACK	→																																														
HTTP Request (deactivate outgoing communication barring "identity")																																															

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_018	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/7 AND PICS 4.7.1/22 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> <i>The SUT stores the identity in the incoming barring rules as indicated in a 603. Configuration over Ut interface.</i> Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends a 603 Decline in the early dialogue containing a Reason header field containing '603 Decline'. An additional call attempt to the served user is rejected according the incoming communication barring rules upgraded with the stored identity. (Applicable use in blacklist). The service configuration takes place over the Ut interface using XCAP.																																																																											
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0  <b>603 1:</b> Reason: SIP;cause=603;text="Decline"																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: center;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td style="text-align: center;">→ INVITE</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">←</td> <td style="text-align: center;">← 180 Ringing</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>603 Decline 2</td> <td style="text-align: center;">←</td> <td style="text-align: center;">← 603 Decline 1</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td style="text-align: center;">→ ACK</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>603 Decline 2</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→	→ INVITE	180 Ringing	←	← 180 Ringing				603 Decline 2	←	← 603 Decline 1	ACK	→	→ ACK				INVITE	→		603 Decline 2	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																																									
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→	→ INVITE																																																																									
180 Ringing	←	← 180 Ringing																																																																									
603 Decline 2	←	← 603 Decline 1																																																																									
ACK	→	→ ACK																																																																									
INVITE	→																																																																										
603 Decline 2	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										



<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_019	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/22 [ITU-T Q.4012.1 v.1]																																																				
<b>Test purpose</b> <i>The SUT stores the identity in the incoming barring rules as indicated in BYE. Configuration over Ut interface.</i> Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends a BYE request in the confirmed state containing a Reason header field containing '603 Decline'. An additional call attempt to the served user is rejected according the incoming communication barring rules upgraded with the stored identity. (Applicable use in blacklist). The service configuration takes place over the Ut interface using XCAP.																																																							
<b>SIP header values:</b> <b>BYE 1:</b> Reason: SIP;cause=603;text="Decline"																																																							
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 10%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="4">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: center;">→</td> <td>INVITE</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">←</td> <td style="text-align: center;">←</td> <td>180 Ringing</td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td style="text-align: center;">←</td> <td>200 OK INVITE</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td style="text-align: center;">→</td> <td>ACK</td> </tr> <tr> <td>BYE 2</td> <td style="text-align: center;">←</td> <td style="text-align: center;">←</td> <td>BYE 1</td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">→</td> <td style="text-align: center;">→</td> <td>200 OK BYE</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT		UA S	HTTP Request (activate outgoing communication barring "identity")				INVITE	→	→	INVITE	180 Ringing	←	←	180 Ringing	200 OK INVITE	←	←	200 OK INVITE	ACK	→	→	ACK	BYE 2	←	←	BYE 1	200 OK BYE	→	→	200 OK BYE					INVITE	→			603 Decline	←			ACK	→			HTTP Request (deactivate outgoing communication barring "identity")			
UA C	SUT		UA S																																																				
HTTP Request (activate outgoing communication barring "identity")																																																							
INVITE	→	→	INVITE																																																				
180 Ringing	←	←	180 Ringing																																																				
200 OK INVITE	←	←	200 OK INVITE																																																				
ACK	→	→	ACK																																																				
BYE 2	←	←	BYE 1																																																				
200 OK BYE	→	→	200 OK BYE																																																				
INVITE	→																																																						
603 Decline	←																																																						
ACK	→																																																						
HTTP Request (deactivate outgoing communication barring "identity")																																																							

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_020	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/7 AND PICS 4.7.1/23 [ITU-T Q.4012.1 v.1]																																																																																																																													
<b>Test purpose</b> <i>The SUT stores the identity in the incoming barring rules as indicated in a BYE. Configuration over Ut interface.</i> Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends a BYE request in the confirmed state containing a Reason header field containing 603 Decline. An additional call attempt to the served user is rejected according the incoming communication barring rules upgraded with the stored identity. (Applicable use in blacklist). The service configuration takes place over the Ut interface using XCAP.																																																																																																																																
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0  <b>BYE 2:</b> Reason: SIP;cause=603;text="Decline"																																																																																																																																
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 20%;">SUT</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: left; width: 25%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td style="text-align: center;">→</td> <td>INVITE</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> <td>180 Ringing</td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> <td>200 OK INVITE</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td style="text-align: center;">→</td> <td>ACK</td> </tr> <tr> <td>BYE 3</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> <td>BYE 2</td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">→</td> <td></td> <td style="text-align: center;">→</td> <td>200 OK BYE</td> </tr> <tr> <td colspan="5" style="text-align: center;"> </td> </tr> <tr> <td>INVITE 3</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE 4</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT		UA S	INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement activation</b>					BYE 1	→				200 OK BYE	←									INVITE 2	→		→	INVITE	180 Ringing	←		←	180 Ringing	200 OK INVITE	←		←	200 OK INVITE	ACK	→		→	ACK	BYE 3	←		←	BYE 2	200 OK BYE	→		→	200 OK BYE						INVITE 3	→				603 Decline	←				ACK	→									INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement deactivation</b>					BYE 4	→				200 OK BYE	←			
UA C		SUT		UA S																																																																																																																												
INVITE 1	→																																																																																																																															
200 OK INVITE	←																																																																																																																															
ACK	→																																																																																																																															
<b>Result announcement activation</b>																																																																																																																																
BYE 1	→																																																																																																																															
200 OK BYE	←																																																																																																																															
INVITE 2	→		→	INVITE																																																																																																																												
180 Ringing	←		←	180 Ringing																																																																																																																												
200 OK INVITE	←		←	200 OK INVITE																																																																																																																												
ACK	→		→	ACK																																																																																																																												
BYE 3	←		←	BYE 2																																																																																																																												
200 OK BYE	→		→	200 OK BYE																																																																																																																												
INVITE 3	→																																																																																																																															
603 Decline	←																																																																																																																															
ACK	→																																																																																																																															
INVITE 1	→																																																																																																																															
200 OK INVITE	←																																																																																																																															
ACK	→																																																																																																																															
<b>Result announcement deactivation</b>																																																																																																																																
BYE 4	→																																																																																																																															
200 OK BYE	←																																																																																																																															

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_021	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/22 [ITU-T Q.4012.1 v.1]																																																												
<b>Test purpose</b> <i>The SUT stores the identity in the incoming barring rules as indicated in an INVITE in the early dialogue. Configuration over Ut interface.</i> Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends an INVITE with the proper service code in the request line in the early dialogue. An additional call attempt to the served user is rejected according to the incoming communication barring rules upgraded with the stored identity. (Applicable use in blacklist). The service configuration takes place over the Ut interface using XCAP.																																																															
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																															
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 10%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="4">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td>INVITE</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">←</td> <td></td> <td>180 Ringing</td> </tr> <tr> <td></td> <td></td> <td></td> <td>← INVITE 1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>→ 200 OK INVITE</td> </tr> <tr> <td></td> <td></td> <td></td> <td>← ACK</td> </tr> <tr> <td></td> <td></td> <td></td> <td>← BYE</td> </tr> <tr> <td></td> <td></td> <td></td> <td>→ 200 OK BYE</td> </tr> <tr> <td>4xxx</td> <td style="text-align: center;">←</td> <td></td> <td>4xxx</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td>ACK</td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT		UA S	HTTP Request (activate outgoing communication barring "identity")				INVITE 1	→		INVITE	180 Ringing	←		180 Ringing				← INVITE 1				→ 200 OK INVITE				← ACK				← BYE				→ 200 OK BYE	4xxx	←		4xxx	ACK	→		ACK	INVITE 1	→			603 Decline	←			ACK	→			HTTP Request (deactivate outgoing communication barring "identity")			
UA C	SUT		UA S																																																												
HTTP Request (activate outgoing communication barring "identity")																																																															
INVITE 1	→		INVITE																																																												
180 Ringing	←		180 Ringing																																																												
			← INVITE 1																																																												
			→ 200 OK INVITE																																																												
			← ACK																																																												
			← BYE																																																												
			→ 200 OK BYE																																																												
4xxx	←		4xxx																																																												
ACK	→		ACK																																																												
INVITE 1	→																																																														
603 Decline	←																																																														
ACK	→																																																														
HTTP Request (deactivate outgoing communication barring "identity")																																																															

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_022	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/7 AND PICS 4.7.1/23 [ITU-T Q.4012.1 v.1]																																																																																																																				
<b>Test purpose</b> <i>The SUT stores the identity in the incoming barring rules as indicated in an INVITE in the early dialogue. Configuration over Ut interface.</i> Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends an INVITE with the proper service code in the request line in the early dialogue. An additional call attempt to the served user is rejected according to the incoming communication barring rules upgraded with the stored identity. (Applicable use in blacklist). The service configuration takes place over the Ut interface using XCAP.																																																																																																																							
<b>SIP header values:</b> <b>INVITE 3: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																																																																							
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 10%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="padding-top: 20px;"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td style="text-align: center;">→</td> <td>INVITE</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">←</td> <td style="text-align: center;">←</td> <td>180 Ringing</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">←</td> <td>INVITE 1</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">→</td> <td>200 OK INVITE</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">←</td> <td>ACK</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">←</td> <td>BYE</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">→</td> <td>200 OK BYE</td> </tr> <tr> <td colspan="4" style="padding-top: 20px;"> </td> </tr> <tr> <td>4xxx</td> <td style="text-align: center;">←</td> <td style="text-align: center;">←</td> <td>4xxx</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td style="text-align: center;">→</td> <td>ACK</td> </tr> <tr> <td colspan="4" style="padding-top: 20px;"> </td> </tr> <tr> <td>INVITE 3</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="padding-top: 20px;"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C	SUT		UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←							INVITE 2	→	→	INVITE	180 Ringing	←	←	180 Ringing			←	INVITE 1			→	200 OK INVITE			←	ACK			←	BYE			→	200 OK BYE					4xxx	←	←	4xxx	ACK	→	→	ACK					INVITE 3	→			603 Decline	←			ACK	→							INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C	SUT		UA S																																																																																																																				
INVITE 1	→																																																																																																																						
200 OK INVITE	←																																																																																																																						
ACK	→																																																																																																																						
<b>Result announcement activation</b>																																																																																																																							
BYE	→																																																																																																																						
200 OK BYE	←																																																																																																																						
INVITE 2	→	→	INVITE																																																																																																																				
180 Ringing	←	←	180 Ringing																																																																																																																				
		←	INVITE 1																																																																																																																				
		→	200 OK INVITE																																																																																																																				
		←	ACK																																																																																																																				
		←	BYE																																																																																																																				
		→	200 OK BYE																																																																																																																				
4xxx	←	←	4xxx																																																																																																																				
ACK	→	→	ACK																																																																																																																				
INVITE 3	→																																																																																																																						
603 Decline	←																																																																																																																						
ACK	→																																																																																																																						
INVITE 1	→																																																																																																																						
200 OK INVITE	←																																																																																																																						
ACK	→																																																																																																																						
<b>Result announcement deactivation</b>																																																																																																																							
BYE	→																																																																																																																						
200 OK BYE	←																																																																																																																						

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_023	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/22 [ITU-T Q.4012.1 v.1]																																																																				
<b>Test purpose</b> <i>The SUT stores the identity in the incoming barring rules as indicated in INVITE in the confirmed dialogue. Configuration over Ut interface.</i> Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends an INVITE with the proper service code in the request line in the confirmed dialogue. An additional call attempt to the served user is rejected according the incoming communication barring rules upgraded with the stored identity. (Applicable use in blacklist). The service configuration takes place over the Ut interface using XCAP.																																																																							
<b>SIP header values:</b> <b>INVITE 2: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																							
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 10%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="4">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td>INVITE</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">←</td> <td></td> <td>180 Ringing</td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td>200 OK INVITE</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td>ACK</td> </tr> <tr> <td></td> <td></td> <td></td> <td>← INVITE 2</td> </tr> <tr> <td></td> <td></td> <td></td> <td>→ 200 OK INVITE</td> </tr> <tr> <td></td> <td></td> <td></td> <td>← ACK</td> </tr> <tr> <td></td> <td></td> <td></td> <td>← BYE 1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>→ 200 OK BYE</td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">←</td> <td></td> <td>BYE 2</td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">→</td> <td></td> <td>200 OK BYE</td> </tr> <tr> <td>INVITE 3</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT		UA S	HTTP Request (activate outgoing communication barring "identity")				INVITE 1	→		INVITE	180 Ringing	←		180 Ringing	200 OK INVITE	←		200 OK INVITE	ACK	→		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	←			ACK	→			HTTP Request (deactivate outgoing communication barring "identity")			
UA C	SUT		UA S																																																																				
HTTP Request (activate outgoing communication barring "identity")																																																																							
INVITE 1	→		INVITE																																																																				
180 Ringing	←		180 Ringing																																																																				
200 OK INVITE	←		200 OK INVITE																																																																				
ACK	→		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	←																																																																						
ACK	→																																																																						
HTTP Request (deactivate outgoing communication barring "identity")																																																																							

<b>TSS</b> ACR-CB/Network/ICB_terminating_AS	<b>TP</b> ACR-CB_N02_024	<b>CB reference</b> Clause 4.5.2.6.1 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/7 AND PICS 4.7.1/23 [ITU-T Q.4012.1 v.1]
---	-----------------------------	--	--

**Test purpose**  
*The SUT stores the identity in the incoming barring rules as indicated in INVITE in the confirmed dialogue. Configuration over Ut interface.*  
 Ensure that the identity of an incoming communication is stored in the incoming communication barring rules if the served user sends an INVITE with the proper service code in the request line in the confirmed dialogue. An additional call attempt to the served user is rejected according the incoming communication barring 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 3: Request line** sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0

**Comments:**

UA C		SUT		UA S
INVITE 1	→			
200 OK INVITE	←			
ACK	→			
<b>Result announcement activation</b>				
BYE	→			
200 OK BYE	←			
INVITE 2	→		→	INVITE
180 Ringing	←		←	180 Ringing
200 OK INVITE	←		←	200 OK INVITE
ACK	→		→	ACK
			←	INVITE 1
			→	200 OK INVITE
			←	ACK
			←	BYE
			→	200 OK BYE
BYE	←		←	BYE 2
200 OK BYE	→		→	200 OK BYE
INVITE 3	→			
603 Decline	←			
ACK	→			
INVITE 1	→			
200 OK INVITE	←			
ACK	→			
<b>Result announcement deactivation</b>				
BYE	→			
200 OK BYE	←			

### 7.2.3 Action for ACR at the terminating AS

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_001	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND 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 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'id'. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the ACR is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>SIP header values:</b> <b>INVITE:</b> Privacy: id																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		433 Anonymity Disallowed	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
433 Anonymity Disallowed	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_002	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/14 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'id'. An announcement is provided. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the <b>ACR service provides an announcement to the originating user</b> before sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																											
<b>SIP header values:</b> <b>INVITE:</b> Privacy: id																											
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←			<b>Announcement</b>		433 Anonymity Disallowed	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
100 Trying	←																										
	<b>Announcement</b>																										
433 Anonymity Disallowed	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											



<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_003	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> 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 [ITU-T Q.4012.1 v.1]																														
<b>Test purpose</b> ACR service forwards an anonymous communication, Privacy value is 'id'. The communication is forwarded to an announcement service. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the <b>communication is forwarded to voice message service</b> instead of rejecting the communication with a 433 (Anonymity Disallowed) final response. The service configuration takes place over the Ut interface using XCAP.																																	
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																																	
<b>SIP header values:</b> <b>INVITE:</b> Privacy: id																																	
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Voice message</i></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		200 OK INVITE	←		ACK	→			<i>Voice message</i>		BYE	→		200 OK BYE	←		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																															
HTTP Request (activate outgoing communication barring "identity")																																	
INVITE	→																																
100 Trying	←																																
200 OK INVITE	←																																
ACK	→																																
	<i>Voice message</i>																																
BYE	→																																
200 OK BYE	←																																
HTTP Request (deactivate outgoing communication barring "identity")																																	

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_004	<b>CB reference</b> Clauses 4.5.2.6.2, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																									
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'id'. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the ACR is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																												
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: id <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																												
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→		100 Trying	←		433 Anonymity Disallowed	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																										
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement activation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											
INVITE 2	→																																																											
100 Trying	←																																																											
433 Anonymity Disallowed	←																																																											
ACK	→																																																											
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement deactivation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_005	<b>CB reference</b> Clauses 4.5.2.6.2, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																												
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'id'. An announcement is provided. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the <b>ACR service provides an announcement to the originating user</b> before sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																															
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: id <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																															
<b>Comments:</b> <table style="width:100%; border:none;"> <thead> <tr> <th style="text-align:left;">UA C</th> <th style="text-align:center;">SUT</th> <th style="text-align:right;">UA S</th> </tr> </thead> <tbody> <tr><td>INVITE 1</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK INVITE</td><td style="text-align:center;">←</td><td></td></tr> <tr><td>ACK</td><td style="text-align:center;">→</td><td></td></tr> <tr><td colspan="3" style="text-align:center;"><b>Result announcement activation</b></td></tr> <tr><td>BYE</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK BYE</td><td style="text-align:center;">←</td><td></td></tr> <tr><td colspan="3"> </td></tr> <tr><td>INVITE 2</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>100 Trying</td><td style="text-align:center;">←</td><td></td></tr> <tr><td colspan="3" style="text-align:center;"><b>Announcement</b></td></tr> <tr><td>433 Anonymity Disallowed</td><td style="text-align:center;">←</td><td></td></tr> <tr><td>ACK</td><td style="text-align:center;">→</td><td></td></tr> <tr><td colspan="3"> </td></tr> <tr><td>INVITE 1</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK INVITE</td><td style="text-align:center;">←</td><td></td></tr> <tr><td>ACK</td><td style="text-align:center;">→</td><td></td></tr> <tr><td colspan="3" style="text-align:center;"><b>Result announcement deactivation</b></td></tr> <tr><td>BYE</td><td style="text-align:center;">→</td><td></td></tr> <tr><td>200 OK BYE</td><td style="text-align:center;">←</td><td></td></tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→		100 Trying	←		<b>Announcement</b>			433 Anonymity Disallowed	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																													
INVITE 1	→																																																														
200 OK INVITE	←																																																														
ACK	→																																																														
<b>Result announcement activation</b>																																																															
BYE	→																																																														
200 OK BYE	←																																																														
INVITE 2	→																																																														
100 Trying	←																																																														
<b>Announcement</b>																																																															
433 Anonymity Disallowed	←																																																														
ACK	→																																																														
INVITE 1	→																																																														
200 OK INVITE	←																																																														
ACK	→																																																														
<b>Result announcement deactivation</b>																																																															
BYE	→																																																														
200 OK BYE	←																																																														

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_006	<b>CB reference</b> Clauses 4.5.2.6.2, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																																																																				
<b>Test purpose</b> ACR service forwards an anonymous communication, Privacy value is 'Id' forwarded to a voice message service. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the <b>communication is forwarded to voice message service</b> instead of rejecting the communication with a 433 (Anonymity Disallowed) final response. The service configuration takes place using SIP based user configuration																																																																																																							
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: id <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																																																							
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: right; width: 20%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Voice message</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT		UA S	INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement activation</b>					BYE	→				200 OK BYE	←				INVITE 2	→				100 Trying	←				200 OK INVITE	←				ACK	→				<b>Voice message</b>					BYE	→				200 OK BYE	←				INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement deactivation</b>					BYE	→				200 OK BYE	←			
UA C		SUT		UA S																																																																																																			
INVITE 1	→																																																																																																						
200 OK INVITE	←																																																																																																						
ACK	→																																																																																																						
<b>Result announcement activation</b>																																																																																																							
BYE	→																																																																																																						
200 OK BYE	←																																																																																																						
INVITE 2	→																																																																																																						
100 Trying	←																																																																																																						
200 OK INVITE	←																																																																																																						
ACK	→																																																																																																						
<b>Voice message</b>																																																																																																							
BYE	→																																																																																																						
200 OK BYE	←																																																																																																						
INVITE 1	→																																																																																																						
200 OK INVITE	←																																																																																																						
ACK	→																																																																																																						
<b>Result announcement deactivation</b>																																																																																																							
BYE	→																																																																																																						
200 OK BYE	←																																																																																																						

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_007	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND 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 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'header'. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>header</b> ". Ensure that the ACR is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>SIP header values:</b> <b>INVITE:</b> Privacy: header																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		433 Anonymity Disallowed	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
433 Anonymity Disallowed	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_008	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/14 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'header'. An announcement is provided. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>header</b> ". 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.																											
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																											
<b>SIP header values:</b> <b>INVITE:</b> Privacy: header																											
<b>Comments:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: right; width: 35%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←			<b>Announcement</b>		433 Anonymity Disallowed	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
100 Trying	←																										
	<b>Announcement</b>																										
433 Anonymity Disallowed	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_009	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/5 AND PICS 4.7.1/14 [ITU-T Q.4012.1 v.1]																														
<b>Test purpose</b> ACR service forwards an anonymous communication, Privacy value is 'header'. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>header</b> ". Ensure that the communication is forwarded to voice message service instead of rejecting the communication with a 433 (Anonymity Disallowed) final response. The service configuration takes place over the Ut interface using XCAP.																																	
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																																	
<b>SIP header values:</b> <b>INVITE:</b> Privacy: header																																	
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Voice message</i></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		200 OK INVITE	←		ACK	→			<i>Voice message</i>		BYE	→		200 OK BYE	←		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																															
HTTP Request (activate outgoing communication barring "identity")																																	
INVITE	→																																
100 Trying	←																																
200 OK INVITE	←																																
ACK	→																																
	<i>Voice message</i>																																
BYE	→																																
200 OK BYE	←																																
HTTP Request (deactivate outgoing communication barring "identity")																																	

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_010	<b>CB reference</b> Clauses 4.5.2.6.2, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																									
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'header'. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>header</b> ". Ensure that the ACR is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																												
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: header <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																												
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→		100 Trying	←		433 Anonymity Disallowed	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																										
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement activation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											
INVITE 2	→																																																											
100 Trying	←																																																											
433 Anonymity Disallowed	←																																																											
ACK	→																																																											
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement deactivation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											



<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_011	<b>CB reference</b> Clauses 4.5.2.6.2 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																																								
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'header'. An announcement is provided. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>header</b> ". 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 using SIP based user configuration.																																																																											
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: header <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																											
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 20%;">SUT</th> <th style="text-align: right; width: 35%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement activation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Announcement</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement deactivation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←			INVITE 2	→			100 Trying	←			<b>Announcement</b>				433 Anonymity Disallowed	←			ACK	→			INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																								
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement activation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										
INVITE 2	→																																																																										
100 Trying	←																																																																										
<b>Announcement</b>																																																																											
433 Anonymity Disallowed	←																																																																										
ACK	→																																																																										
INVITE 1	→																																																																										
200 OK INVITE	←																																																																										
ACK	→																																																																										
<b>Result announcement deactivation</b>																																																																											
BYE	→																																																																										
200 OK BYE	←																																																																										

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_012	<b>CB reference</b> Clauses 4.5.2.6.2 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																												
<b>Test purpose</b> ACR service forwards an anonymous communication, Privacy value is 'header'. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>header</b> ". Ensure that the communication is forwarded to voice message service instead of rejecting the communication with a 433 (Anonymity Disallowed) final response. The service configuration takes place using SIP based user configuration.																																																															
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: header <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																															
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Voice message</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←		INVITE 2	→		100 Trying	←		200 OK INVITE	←		ACK	→		<b>Voice message</b>			BYE	→		200 OK BYE	←		INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																													
INVITE 1	→																																																														
200 OK INVITE	←																																																														
ACK	→																																																														
<b>Result announcement activation</b>																																																															
BYE	→																																																														
200 OK BYE	←																																																														
INVITE 2	→																																																														
100 Trying	←																																																														
200 OK INVITE	←																																																														
ACK	→																																																														
<b>Voice message</b>																																																															
BYE	→																																																														
200 OK BYE	←																																																														
INVITE 1	→																																																														
200 OK INVITE	←																																																														
ACK	→																																																														
<b>Result announcement deactivation</b>																																																															
BYE	→																																																														
200 OK BYE	←																																																														

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_013	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND 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 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'user'. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "user". Ensure that the ACR is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>SIP header values:</b> <b>INVITE:</b> Privacy: user																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		433 Anonymity Disallowed	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
433 Anonymity Disallowed	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_014	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/14 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> 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-Identity 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.																											
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																											
<b>SIP header values:</b> <b>INVITE:</b> Privacy: user																											
<b>Comments:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 33%;">UA C</th> <th style="text-align: center; width: 33%;">SUT</th> <th style="text-align: right; width: 33%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Announcement</b></td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←			<b>Announcement</b>		433 Anonymity Disallowed	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE	→																										
100 Trying	←																										
	<b>Announcement</b>																										
433 Anonymity Disallowed	←																										
ACK	→																										
HTTP Request (deactivate outgoing communication barring "identity")																											

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_015	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/5 AND PICS 4.7.1/14 [ITU-T Q.4012.1 v.1]																														
<b>Test purpose</b> ACR service forwards an anonymous communication, Privacy value is 'user'. The communication is forwarded to an announcement service. Configuration over Ut interface. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>user</b> ". Ensure that the communication is forwarded to voice message service instead of rejecting the communication with a 433 (Anonymity Disallowed) final response. The service configuration takes place over the Ut interface using XCAP.																																	
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																																	
<b>SIP header values:</b> <b>INVITE:</b> Privacy: user																																	
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Voice message</i></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		200 OK INVITE	←		ACK	→			<i>Voice message</i>		BYE	→		200 OK BYE	←		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																															
HTTP Request (activate outgoing communication barring "identity")																																	
INVITE	→																																
100 Trying	←																																
200 OK INVITE	←																																
ACK	→																																
	<i>Voice message</i>																																
BYE	→																																
200 OK BYE	←																																
HTTP Request (deactivate outgoing communication barring "identity")																																	

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_016	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																									
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'user'. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>user</b> ". Ensure that the ACR is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																												
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: user <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																												
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE 2	→		100 Trying	←		433 Anonymity Disallowed	←		ACK	→					INVITE 1	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																										
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement activation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											
INVITE 2	→																																																											
100 Trying	←																																																											
433 Anonymity Disallowed	←																																																											
ACK	→																																																											
INVITE 1	→																																																											
200 OK INVITE	←																																																											
ACK	→																																																											
<b>Result announcement deactivation</b>																																																												
BYE	→																																																											
200 OK BYE	←																																																											

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_017	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/4 AND NOT PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																																																
<b>Test purpose</b> ACR service rejects an anonymous communication, Privacy value is 'user'. An announcement is provided. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity 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 using SIP based user configuration.																																																																																			
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: user <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																																			
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 20%;">SUT</th> <th style="text-align: center; width: 35%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement activation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Announcement</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement deactivation</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←							INVITE 2	→			100 Trying	←			<b>Announcement</b>				433 Anonymity Disallowed	←			ACK	→							INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																																
INVITE 1	→																																																																																		
200 OK INVITE	←																																																																																		
ACK	→																																																																																		
<b>Result announcement activation</b>																																																																																			
BYE	→																																																																																		
200 OK BYE	←																																																																																		
INVITE 2	→																																																																																		
100 Trying	←																																																																																		
<b>Announcement</b>																																																																																			
433 Anonymity Disallowed	←																																																																																		
ACK	→																																																																																		
INVITE 1	→																																																																																		
200 OK INVITE	←																																																																																		
ACK	→																																																																																		
<b>Result announcement deactivation</b>																																																																																			
BYE	→																																																																																		
200 OK BYE	←																																																																																		

<b>TSS</b> ACR_CB/Network/ACR_terminating_AS	<b>TP</b> ACR-CB_N03_018	<b>CB reference</b> Clauses 4.5.2.6.2, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND NOT PICS 4.7.1/4 AND PICS 4.7.1/5 AND PICS 4.7.1/15 [ITU-T Q.4012.1 v.1]																																																																																																				
<b>Test purpose</b> ACR service forwards an anonymous communication, Privacy value is 'user'. The communication is forwarded to an announcement service. Configuration using SIP based user configuration. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating " <b>user</b> ". Ensure that the communication is forwarded to voice message service instead of rejecting the communication with a 433 (Anonymity Disallowed) final response. The service configuration takes place using SIP based user configuration.																																																																																																							
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: user <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																																																							
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 20%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: right; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Voice message</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT		UA S	INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement activation</b>					BYE	→				200 OK BYE	←				INVITE 2	→				100 Trying	←				200 OK INVITE	←				ACK	→				<b>Voice message</b>					BYE	→				200 OK BYE	←				INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement deactivation</b>					BYE	→				200 OK BYE	←			
UA C		SUT		UA S																																																																																																			
INVITE 1	→																																																																																																						
200 OK INVITE	←																																																																																																						
ACK	→																																																																																																						
<b>Result announcement activation</b>																																																																																																							
BYE	→																																																																																																						
200 OK BYE	←																																																																																																						
INVITE 2	→																																																																																																						
100 Trying	←																																																																																																						
200 OK INVITE	←																																																																																																						
ACK	→																																																																																																						
<b>Voice message</b>																																																																																																							
BYE	→																																																																																																						
200 OK BYE	←																																																																																																						
INVITE 1	→																																																																																																						
200 OK INVITE	←																																																																																																						
ACK	→																																																																																																						
<b>Result announcement deactivation</b>																																																																																																							
BYE	→																																																																																																						
200 OK BYE	←																																																																																																						



### 7.3 Interaction with other simulation services

#### 7.3.1 Originating Identification Presentation (OIP)

<b>TSS</b> ACR-CB/Network/interaction_OIP	<b>TP</b> ACR-CB_N04_001	<b>CB reference</b> Clauses 4.6.4, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/14 AND PICS 4.7.2/1 [ITU-T Q.4012.1 v.1]																																	
<b>Test purpose</b> <i>ACR does not apply to due override category according to the originating identification presentation (OIP) service. Configuration over Ut interface.</i> Ensure that the ACR service shall not apply If the called user has subscribed to the override category according to the OIP service. The service configuration takes place over the Ut interface using XCAP.																																				
<b>Preconditions:</b> OIP override category																																				
<b>XML abstract</b>  <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																																				
<b>SIP header values:</b> <b>INVITE:</b> Privacy: id																																				
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 33%;">UA C</th> <th style="text-align: center; width: 33%;">SUT</th> <th style="text-align: right; width: 33%;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">➔</td> <td>INVITE</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">⬅</td> <td>100 Trying</td> </tr> <tr> <td>180 Ringing</td> <td style="text-align: center;">⬅</td> <td>180 Ringing</td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">⬅</td> <td>200 OK INVITE</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">➔</td> <td>ACK</td> </tr> <tr> <td></td> <td style="text-align: center;">Communication</td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">➔</td> <td>BYE</td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">⬅</td> <td>200 OK BYE</td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	➔	INVITE	100 Trying	⬅	100 Trying	180 Ringing	⬅	180 Ringing	200 OK INVITE	⬅	200 OK INVITE	ACK	➔	ACK		Communication		BYE	➔	BYE	200 OK BYE	⬅	200 OK BYE	HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																																		
HTTP Request (activate outgoing communication barring "identity")																																				
INVITE	➔	INVITE																																		
100 Trying	⬅	100 Trying																																		
180 Ringing	⬅	180 Ringing																																		
200 OK INVITE	⬅	200 OK INVITE																																		
ACK	➔	ACK																																		
	Communication																																			
BYE	➔	BYE																																		
200 OK BYE	⬅	200 OK BYE																																		
HTTP Request (deactivate outgoing communication barring "identity")																																				

<b>TSS</b> ACR-CB/Network/interaction_OIP	<b>TP</b> ACR-CB_N04_002	<b>CB reference</b> Clauses 4.6.4, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/15 AND PICS 4.7.2/1 [ITU-T Q.4012.1 v.1]
<b>Test purpose</b> ACR does not apply to due override category according to the OIP service. Configuration using SIP based user configuration. Ensure that the ACR service shall not apply If the called user has subscribed to the override category according to the OIP service. The service configuration takes place using SIP based user configuration.			
<b>Preconditions:</b> OIP override category			
<b>SIP header values:</b>			
<b>INVITE 2:</b>			
Privacy: id			
<b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0			
<b>Comments:</b>			
<b>UA C</b>	<b>SUT</b>	<b>UA S</b>	
INVITE 1	→		
200 OK INVITE	←		
ACK	→		
<b>Result announcement activation</b>			
BYE	→		
200 OK BYE	←		
INVITE	→		INVITE
100 Trying	←		100 Trying
180 Ringing	←		180 Ringing
200 OK INVITE	←		200 OK INVITE
ACK	→		ACK
		Communication	
BYE	→		BYE
200 OK BYE	←		200 OK BYE
INVITE 1	→		
200 OK INVITE	←		
ACK	→		
<b>Result announcement deactivation</b>			
BYE	→		
200 OK BYE	←		

### 7.3.2 Conference calling (CONF)

<b>TSS</b> ACR-CB/Network/interaction_CONF	<b>TP</b> ACR-CB_N05_001	<b>CB reference</b> Clauses 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/6 AND PICS 4.7.2/3 [ITU-T Q.4012.1 v.1]																								
<b>Test purpose</b> OCB evaluates ' <b>identity</b> ' with one item. REFER request with a refer-to-target barred according OCB rules. Configuration using SIP based user configuration. Ensure that a REFER request is rejected when the evaluation of the Refer-to URI matches in one of the served user's outgoing communication barring rules (Black list). Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																											
<b>Preconditions:</b> Subscription to CONF service																											
<b>XML abstract</b> <pre> &lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier&gt;"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;one id="[any URI (PIXIT)]"&gt;&lt;/one&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt; </pre>																											
<b>REFER:</b> Refer-To: [URI barred]																											
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE (conference factory URI)</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>REFER</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE (conference factory URI)	→		200 OK INVITE	←		ACK	→		REFER	→		603 Decline	←		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																									
HTTP Request (activate outgoing communication barring "identity")																											
INVITE (conference factory URI)	→																										
200 OK INVITE	←																										
ACK	→																										
REFER	→																										
603 Decline	←																										
HTTP Request (deactivate outgoing communication barring "identity")																											

<b>TSS</b> ACR-CB/Network/interaction_CONF	<b>TP</b> ACR-CB_N05_002	<b>CB reference</b> Clauses 4.5.2.4.1 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/7 AND PICS 4.7.2/3 [ITU-T Q.4012.1 v.1]																																																															
<b>Test purpose</b> OCB evaluates ' <i>identity</i> ' with one item. REFER request with a refer-to-target barred according OCB rules. Configuration using SIP based user configuration. Ensure that a REFER request is rejected when the evaluation of the Refer-to URI matches in one of the served user's outgoing communication barring rules (Black list). Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																		
<b>Preconditions:</b> Subscription to CONF service																																																																		
<b>SIP header values:</b>																																																																		
<b>INVITE: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																		
<b>REFER:</b> Refer-To: [URI barred]																																																																		
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE (conference factory URI)</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>REFER</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> </tr> </tbody> </table>				UA C	SUT	UA S	INVITE	→		200 OK INVITE	←		ACK	→		<b>Result announcement activation</b>			BYE	→		200 OK BYE	←					INVITE (conference factory URI)	→		200 OK INVITE	←		ACK	→					REFER	→		603 Decline	←					INVITE	→		200 OK INVITE	←		ACK	→		<b>Result announcement deactivation</b>			BYE	→		200 OK BYE	←	
UA C	SUT	UA S																																																																
INVITE	→																																																																	
200 OK INVITE	←																																																																	
ACK	→																																																																	
<b>Result announcement activation</b>																																																																		
BYE	→																																																																	
200 OK BYE	←																																																																	
INVITE (conference factory URI)	→																																																																	
200 OK INVITE	←																																																																	
ACK	→																																																																	
REFER	→																																																																	
603 Decline	←																																																																	
INVITE	→																																																																	
200 OK INVITE	←																																																																	
ACK	→																																																																	
<b>Result announcement deactivation</b>																																																																		
BYE	→																																																																	
200 OK BYE	←																																																																	

<b>TSS</b> ACR-CB/Network/interaction_CONF	<b>TP</b> ACR-CB_N05_003	<b>CB reference</b> Clauses 4.5.2.4.1, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/6 AND PICS 4.7.2/3 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> OCB evaluates ' <i>identity</i> ' with one item. Remove URI from the "recipient-list" if the entry is barred according OCB rules. Configuration using SIP based user configuration. Ensure that an entry is removed from a "recipient-list" in an INVITE request to create a conference when the evaluation of the URI of the 'entry' element matches one of the served user's outgoing communication barring rules (Black list). The service configuration takes place over the Ut interface using XCAP.																								
<b>Preconditions:</b> Subscription to CONF service																								
<b>XML abstract</b>  <pre> &lt;outgoing-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="&lt;any identifier&gt;"&gt;       &lt;conditions&gt;         &lt;identity&gt;           &lt;one id="[any URI (PIXIT)]"&gt;&lt;/one&gt;         &lt;/identity&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/outgoing-communication-barring&gt; </pre>																								
<b>SIP header values:</b> <b>INVITE: 1</b>  <pre> &lt;resource-lists xmlns="urn:ietf:params:xml:ns:resource-lists" xmlns:cp="urn:ietf:params:xml:ns:copyControl"&gt;   &lt;list&gt;     &lt;entry uri="[barred URI]" cp:copyControl="to"/&gt;     &lt;entry uri="[any URI not barred]" cp:copyControl="to"/&gt;   &lt;/list&gt; &lt;/resource-lists&gt; </pre> <b>INVITE: 2</b>  <pre> &lt;resource-lists xmlns="urn:ietf:params:xml:ns:resource-lists" xmlns:cp="urn:ietf:params:xml:ns:copyControl"&gt;   &lt;list&gt;     &lt;entry uri="[any URI not barred]" cp:copyControl="to"/&gt;   &lt;/list&gt; &lt;/resource-lists&gt; </pre>																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: center;">UA S (ISC)</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE 1 (conference factory URI)</td> <td style="text-align: center;">➔</td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">➤</td> <td>➔ INVITE 2 (conference factory URI)</td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">➔</td> <td>➤ 200 OK INVITE</td> </tr> <tr> <td></td> <td></td> <td>➔ ACK</td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S (ISC)	HTTP Request (activate outgoing communication barring "identity")			INVITE 1 (conference factory URI)	➔		200 OK INVITE	➤	➔ INVITE 2 (conference factory URI)	ACK	➔	➤ 200 OK INVITE			➔ ACK	HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S (ISC)																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE 1 (conference factory URI)	➔																							
200 OK INVITE	➤	➔ INVITE 2 (conference factory URI)																						
ACK	➔	➤ 200 OK INVITE																						
		➔ ACK																						
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/interaction_CONF	<b>TP</b> ACR-CB_N05_004	<b>CB reference</b> Clauses 4.5.2.4.1, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/3 AND PICS 4.7.1/7 AND PICS 4.7.2/3 [ITU-T Q.4012.1 v.1]
<b>Test purpose</b> OCB evaluates ' <i>identity</i> ' with one item. Remove URI from the "recipient-list" if the entry is barred according OCB rules. Configuration using SIP based user configuration. Ensure that an entry is removed from a "recipient-list" in an INVITE request to create a conference when the evaluation of the URI of the 'entry' element matches one of the served user's outgoing communication barring rules (Black list). The service configuration takes place using SIP based user configuration.			
<b>Preconditions:</b> Subscription to CONF service			
<b>SIP header values:</b>			
<b>INVITE1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0			
<b>INVITE 2:</b>			
<pre>&lt;resource-lists .. &gt;   &lt;list&gt;     &lt;entry uri="[barred URI]" cp:copyControl="to"/&gt;     &lt;entry uri="[any URI not barred]" cp:copyControl="to"/&gt;   &lt;/list&gt; &lt;/resource-lists&gt;</pre>			
<b>INVITE 3:</b>			
<pre>&lt;resource-lists                                     ....&gt;   &lt;list&gt;     &lt;entry          uri="[any          URI          not          barred]"          cp:copyControl="to"/&gt;   &lt;/list&gt; &lt;/resource-lists&gt;</pre>			
<b>Comments:</b>			
<b>UA C</b>	<b>SUT</b>	<b>UA S (ISC)</b>	
INVITE	→		
200 OK INVITE 1	←		
ACK	→		
<b>Result announcement activation</b>			
BYE	→		
200 OK BYE	←		
INVITE 2 (conference factory URI)	→		
200 OK INVITE	←	→	INVITE 3 (conference factory URI)
ACK	→	←	200 OK INVITE
		→	ACK
INVITE 1	→		
200 OK INVITE	←		
ACK	→		
<b>Result announcement deactivation</b>			
BYE	→		
200 OK BYE	←		
<b>Apply post test routine</b>			

### 7.3.3 Communication diversion services

<b>TSS</b> ACR-CB/Network/interaction_CDIV	<b>TP</b> ACR-CB_N06_001	<b>CB reference</b> Clauses 4.6.7, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/14 AND PICS 4.7.2/2 [ITU-T Q.4012.1 v.1]																					
<b>Test purpose</b> <i>ACR has precedence if the served user has activated the communication diversion service. Configuration over Ut interface.</i> The ACR service shall take precedence over the communication diversion service for the served user If the served user has activated the ACR. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the SUT is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place over the Ut interface using XCAP.																								
<b>XML abstract</b> <pre> &lt;incoming-communication-barring active="true"&gt;   &lt;ruleset&gt;     &lt;rule id="[any identifier]"&gt;       &lt;conditions&gt;         &lt;anonymous/&gt;       &lt;/conditions&gt;       &lt;actions&gt;         &lt;allow&gt;false&lt;/allow&gt;       &lt;/actions&gt;     &lt;/rule&gt;   &lt;/ruleset&gt; &lt;/incoming-communication-barring&gt; </pre>																								
<b>SIP header values:</b> <b>INVITE:</b> Privacy: id																								
<b>Comments:</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">UA C</th> <th style="text-align: center;">SUT</th> <th style="text-align: right;">UA S</th> </tr> </thead> <tbody> <tr> <td colspan="3">HTTP Request (activate outgoing communication barring "identity")</td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> </tr> <tr> <td colspan="3">HTTP Request (deactivate outgoing communication barring "identity")</td> </tr> </tbody> </table>				UA C	SUT	UA S	HTTP Request (activate outgoing communication barring "identity")			INVITE	→		100 Trying	←		433 Anonymity Disallowed	←		ACK	→		HTTP Request (deactivate outgoing communication barring "identity")		
UA C	SUT	UA S																						
HTTP Request (activate outgoing communication barring "identity")																								
INVITE	→																							
100 Trying	←																							
433 Anonymity Disallowed	←																							
ACK	→																							
HTTP Request (deactivate outgoing communication barring "identity")																								

<b>TSS</b> ACR-CB/Network/interaction_CDIV	<b>TP</b> ACR-CB_N06_002	<b>CB reference</b> Clauses 4.6.7, 4.3.2, 4.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/15 AND PICS 4.7.2/2 [ITU-T Q.4012.1 v.1]																																																																																															
<b>Test purpose</b> ACR has precedence if the served user has activated the communication diversion service. Configuration using SIP based user configuration. The ACR service shall take precedence over the communication diversion service for the served user If the served user has activated the ACR. Ensure that the ACR service rejects the incoming communication where the request includes the P-Asserted-Identity header AND the Privacy header indicating "id". Ensure that the SUT is sending a 433 (Anonymity Disallowed) response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																																																		
<b>SIP header values:</b> <b>INVITE 2:</b> Privacy: id																																																																																																		
<b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																																																		
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">UA C</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 20%;">SUT</th> <th style="width: 10%;"></th> <th style="text-align: center; width: 25%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement activation</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>433 Anonymity Disallowed</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"><b>Result announcement deactivation</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT		UA S	INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement activation</b>					BYE	→				200 OK BYE	←									INVITE 2	→				100 Trying	←				433 Anonymity Disallowed	←				ACK	→									INVITE 1	→				200 OK INVITE	←				ACK	→				<b>Result announcement deactivation</b>					BYE	→				200 OK BYE	←			
UA C		SUT		UA S																																																																																														
INVITE 1	→																																																																																																	
200 OK INVITE	←																																																																																																	
ACK	→																																																																																																	
<b>Result announcement activation</b>																																																																																																		
BYE	→																																																																																																	
200 OK BYE	←																																																																																																	
INVITE 2	→																																																																																																	
100 Trying	←																																																																																																	
433 Anonymity Disallowed	←																																																																																																	
ACK	→																																																																																																	
INVITE 1	→																																																																																																	
200 OK INVITE	←																																																																																																	
ACK	→																																																																																																	
<b>Result announcement deactivation</b>																																																																																																		
BYE	→																																																																																																	
200 OK BYE	←																																																																																																	



<b>TSS</b> ACR-CB/Network/interaction_CDIV	<b>TP</b> ACR-CB_N06_003	<b>CB reference</b> Clauses 4.6.7, 4.9.1.4 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/10 AND PICS 4.7.2/2 [ITU-T Q.4012.1 v.1]
---	-----------------------------	---	--

**Test purpose**  
*ICB has precedence if the served user has activated the communication diversion service. Configuration over Ut interface.*  
 Ensure that the ICB service shall take precedence over the communication diversion service for the served user If the served user has activated the ICB.  
 Ensure that an outgoing communication is rejected when the evaluation of the 'identity' condition matches the P-Asserted-Identity or the From header field of the served users outgoing communication barring rules.  
 Ensure that the SUT is sending a 603 (Decline) final 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>
        <identity>
          <one id="[any URI (PIXIT)]"></one>
        </identity>
      </conditions>
      <actions>
        <allow>false</allow>
      </actions>
    </rule>
  </ruleset>
</incoming-communication-barring>
```

**Comments:**

UA C	SUT	UA S
HTTP Request (activate outgoing communication barring "identity")		
INVITE	→	
100 Trying	←	
603 Decline	←	
ACK	→	
HTTP Request (deactivate outgoing communication barring "identity")		

<b>TSS</b> ACR-CB/Network/interaction_CDIV	<b>TP</b> ACR-CB_N06_004	<b>CB reference</b> Clauses 4.6.7, 4.3.24.3.3 of [ITU-T Q.3628 v.1]	<b>Selection expression</b> PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/11 AND PICS 4.7.2/2 [ITU-T Q.4012.1 v.1]																																																																												
<b>Test purpose</b> <i>ICB has precedence if the served user has activated the communication diversion service. Configuration using SIP based user configuration.</i> Ensure that the ICB service shall take precedence over the communication diversion service for the served user If the served user has activated the ICB. Ensure that an outgoing communication is rejected when the evaluation of the 'identity' condition matches the P-Asserted-Identity or the From header field of the served users outgoing communication barring rules. Ensure that the SUT is sending a 603 (Decline) final response when the communication is rejected. The service configuration takes place using SIP based user configuration.																																																																															
<b>SIP header values:</b> <b>INVITE 1: Request line</b> sip:<service code>;phone-context=<any domain>;user=dialstring SIP/2.0																																																																															
<b>Comments:</b> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">UA C</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 30%;">SUT</th> <th style="text-align: center; width: 30%;">UA S</th> </tr> </thead> <tbody> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement activation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"> </td> </tr> <tr> <td>INVITE 2</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>603 Decline</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"> </td> </tr> <tr> <td>INVITE 1</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK INVITE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> <tr> <td>ACK</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>Result announcement deactivation</b></td> </tr> <tr> <td>BYE</td> <td style="text-align: center;">→</td> <td></td> <td></td> </tr> <tr> <td>200 OK BYE</td> <td style="text-align: center;">←</td> <td></td> <td></td> </tr> </tbody> </table>				UA C		SUT	UA S	INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement activation</b>				BYE	→			200 OK BYE	←							INVITE 2	→			100 Trying	←			603 Decline	←			ACK	→							INVITE 1	→			200 OK INVITE	←			ACK	→			<b>Result announcement deactivation</b>				BYE	→			200 OK BYE	←		
UA C		SUT	UA S																																																																												
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement activation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														
INVITE 2	→																																																																														
100 Trying	←																																																																														
603 Decline	←																																																																														
ACK	→																																																																														
INVITE 1	→																																																																														
200 OK INVITE	←																																																																														
ACK	→																																																																														
<b>Result announcement deactivation</b>																																																																															
BYE	→																																																																														
200 OK BYE	←																																																																														



## SERIES OF ITU-T RECOMMENDATIONS

Series A	Organization of the work of ITU-T
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Cable networks and transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Environment and ICTs, climate change, e-waste, energy efficiency; construction, installation and protection of cables and other elements of outside plant
Series M	Telecommunication management, including TMN and network maintenance
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Terminals and subjective and objective assessment methods
<b>Series Q</b>	<b>Switching and signalling</b>
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
Series X	Data networks, open system communications and security
Series Y	Global information infrastructure, Internet protocol aspects and next-generation networks, Internet of Things and smart cities
Series Z	Languages and general software aspects for telecommunication systems