ETSI TS 101 597-2 V2.1.1 (2019-01)



Core Network and Interoperability Testing (INT); Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification (3GPP[™] Release 12); Part 2: Test Suite Structure and Test Purposes (TSS&TP) Reference RTS/INT-00150-2

Keywords conformance, CUG, IMS, testing, TSS&TP

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Foreword

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

The present document is part 2 of a multi-part deliverable covering the Conformance Test Specification of Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, as identified below:

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

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

Modal verbs terminology

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1 Scope

The present document provides the Test Suite Structure and Test Purposes for the Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem [1] in compliance with the relevant requirements.

2 References

2.1 Normative references

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

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

- [1] ETSI TS 124 654: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification (3GPP TS 24.654 Release 12)".
- [2] ETSI TS 101 597-1: "Core Network and Interoperability Testing (INT); Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification (3GPPTM Release 12); Part 1: Protocol Implementation Conformance Statement (PICS)".

2.2 Informative references

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

Not applicable.

3 Definition of terms, symbols and abbreviations

3.1 Terms

For the purposes of the present document, the terms given in ETSI TS 124 654 [1] apply.

3.2 Symbols

For the purposes of the present document, the symbols given in ETSI TS 124 654 [1] and the following apply:

GmReference point: supports the communication between UE and IMSMwReference point allows the communication and forwarding of signalling messaging between
CSCFs

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in ETSI TS 124 654 [1] and the following apply:

AS	Application Server
CD	Communication Deflection
CDIV	Communication DIVersion service
CFB	Communication Forwarding on Busy
CFNL	Communication Forwarding on Not Logged-in
CFNR	Communication Forwarding on No Reply
CFU	Communication Forwarding Unconditional
CN	Core Network
CONF	CONFerence calling
CSCF	Call Session Control Function
CUG	Closed User Group
ECT	Explicit Communication Transfer
IA	Incoming Access
ICB	Incoming Communication Barring within a CUG
IM	IP Multimedia
IMS	IP Multimedia Subsystem
IP	Internet Protocol
ISC	Reference point between Serving CSCF and Application Server
IUT	Implementation Under Test
NNI	Network-to-Network Interface
OA	Outgoing Access
OAE	Outgoing Access, Explicit request required
OAI	Outgoing Access, Implicit outgoing access for all communications
OCB	Outgoing Communication Barring within a CUG
PIXIT	Protocol Implementation eXtra Information for Testing
SIP	Session Initiation Protocol
SS	Supplementary Services
SUT	System Under Test
TP	Test Purposes
TSS	Test Suite Structure
UA	User Agent
URI	Universal Resource Identifier
UE	User Equipment
XML	eXtensible Markup Language

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4 Test Suite Structure (TSS)

4.0 Test Suite Structure table

Table 4.0-1: Test suite structure

|--|

originating_UE		CUG_U01_xxx
originating_AS		
	CUG without preference	CUG_N01_xxx
	CUG without preference +	CUG_N02_xxx
	OAE	
	CUG without preference + OAI	CUG_N03_xxx
	CUG with preference	CUG_N04_xxx
	CUG with preference + OAE	CUG_N05_xxx
	CUG with preference + OAI	CUG_N06_xxx
	No CUG	CUG_N07_xxx
terminating_AS		
	CUG with OA not allowed	CUG_N08_xxx
	CUG with OA allowed	CUG_N09_xxx
	No CUG	CUG_N10_xxx
Services	CONF	CUG_N11_xxx
	CDIV	CUG_N12_xxx
	ECT	CUG_N13_xxx

4.1 Configuration

4.1.0 Introduction

The scope of the present document is to test the signalling and procedural aspects of the stage 3 requirements as described in ETSI TS 124 654 [1]. The stage 3 description describes the requirements for several network entities and also the requirements regarding terminal devices. Therefore several interfaces (reference points) are addressed to satisfy the test of the different entities.

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

4.1.1 Testing of the AS

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

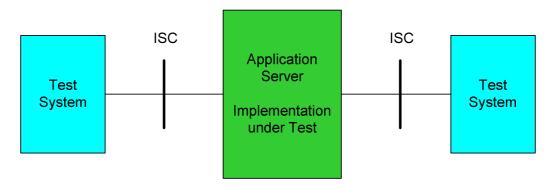
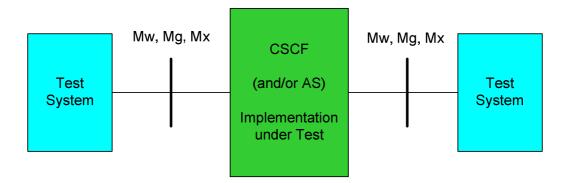
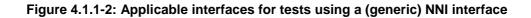


Figure 4.1.1-1: Applicable interface to test AS functionalities

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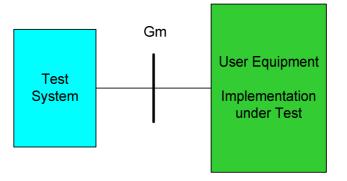
If the ISC interface is not accessible it is also possible to perform the test of the AS using any NNI (Mw, Mw, Mx) interface (see figure 4.1.1-2). In case only the Gm interface is accessible this interface can be used instead for testing, but the verification of all requirements may not be possible.

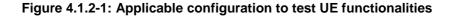




4.1.2 Testing of the UE

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





5 Test Purposes (TP)

5.1 Introduction

5.1.1 TP naming convention

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

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

Table 1: TP identifier naming convention scheme

5.1.2 Test strategy

As the base standard ETSI TS 124 654 [1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the PICS specification ETSI TS 101 597-1 [2]. The criteria applied include the following:

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

5.2 Test Purposes for Closed User Group (CUG)

5.2.1 Actions at the originating UA

TSS	ТР	CUG reference	Selection expression
CUG/originating_UE	CUG_U01_001	clause 4.5.2.1	PICS 4.5.1/1 AND PICS 4.6.1/1
Test purpose			
Explicit request of CUG service Outgoing Access.			
The originating user requests explicitly the CUG server			xml CUGrequestType
containing the preferred CUG and an outgoing acces	ss request set to "t	rue".	
Preconditions:			
SIP header values:			
INVITE:			
<cug></cug>			
 cugCallOperation> <outgoingaccessrequest>TRUE</outgoingaccessrequest>TRUETRUE 	ccessRequest>		
Comments:			
User equipment	-	Test equipme → INVITE reques	nt ting CUG explicitly

TSS CUG/originating_UE	TP CUG_U01_002	CUG reference clause 4.5.2.1	Selection expression PICS 4.5.1/1 AND PICS 4.6.1/1
Test purpose			1100 4.0.1/1
Explicit request of CUG service without Outg	oing Access.		
The originating user requests explicitly the C	UG service by including in	the initial INVITE an	xml CUGrequestType
containing the preferred CUG and an outgoin	g access request set to "fa	alse".	
Preconditions:			
SIP header values:			
INVITE:			
<cug></cug>			
<pre><cugcalloperation></cugcalloperation></pre>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest></pre>	utgoingAccessRequest>		
<cugindex>[PIXIT]</cugindex>			
Comments:		-	_
User equipment		Test equipmer	
		INVITE request	ting CUG explicitly
TSS	ТР	CUG reference	Selection expression
CUG/originating_UE	CUG_U01_003	clause 4.5.2.1	PICS 4.5.1/1 AND
eee/onginating_oe	000_001_000	010030 4.0.2.1	PICS 4.6.1/1 AND
			PICS 4.6.1/2
Test purpose			
Explicit request of CUG service without CUG	index.		
The originating user requests explicitly the Cl		the initial INVITE an	xml CUGrequestType
containing the preferred CUG and no 'cugInd			
Preconditions:	ľ		
SIP header values:			
NVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest></pre>	utgoingAccessRequest>		
<cugindex>[PIXIT]</cugindex>			
c/cug>			
•		Test equipme	nt ting CUG explicitly

5.2.2 Actions at the AS of the originating User

5.2.2.1 CUG without preference

TSS	ТР	CUG reference	Selection expression
CUG/originating_AS/CUG without preference	CUG_N01_001	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/1
Test purpose			· · · ·
CUG without preference: INVITE with CUG index, a	successful.		
Ensure that the SUT on receipt of an INVITE reque	st containing an xm	l element cug with	
cugCallOperation containing			
registered CUGIndex,			
forwards an INVITE request containing an xml elen			
cugInterlockBinaryCode related to registered C	UG index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG w		ess).	
Preconditions: Originating user has subscribed t	o CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>	a A acada D a guadt		
<pre><outgoingaccessrequest>FALSE[registered CUG index]</outgoingaccessrequest></pre>			
[registered COG index]	ex>		
INVITE2:			
Content-Disposition:;handling=required			
<pre><cug></cug></pre>			
<pre><networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator></pre>			
<cuginterlockbinarycode>[related to registered</cuginterlockbinarycode>		terlockBinarvCode>	
<cugcommunicationindicator>11<td></td><td>····, ····</td><td></td></cugcommunicationindicator>		···· , ····	
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1	•	→ INVITE2 · · · · · · · · · · · · · · · · · · ·	-

TSS	ТР	CUG reference	Selection expression
CUG/originating_AS/CUG without preference	CUG_N01_002	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/1 AND
Test purpose			PICS 4.7.1/10
CUG without preference + OCB: INVITE with CUG i	ndex, unsuccessful.		
Ensure that the SUT on receipt of an INVITE reques			
cugCallOperation containing			
registered CUGIndex,	due to Outgoing C	ommunication Parrir	
rejects the INVITE request by sending a 603 Decline Preconditions: Originating user has subscribed to		Uninunication Dani	ıg.
Options for registered CUG index:	000		
Intra CUG restrictions: OCB			
Options for public identity in use:			
Preferential CUG: None designated Outgoing access: not allowed			
SIP header values:			
INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>	A D		
<pre><outgoingaccessrequest>FALSE[registered CUG index]</outgoingaccessrequest></pre>			
[registered COG index] <td>~></td> <td></td> <td></td>	~>		
Comments:			
Test equipment (Gm)	AS		
INVITE → 603 Decline ←			
ACK			
	-	<u>+</u>	
TSS CUG/originating_AS/CUG without preference	TP CUG_N01_003	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/1
Test purpose			
CUG without preference: INVITE with unallocated C			
Ensure that the SUT on receipt of an INVITE reques	t containing an xml	element cug with	
cugCallOperation containing unregistered CUGIndex,			
rejects the INVITE request by sending a 403 Forbide	den due to not alloc	ated CUG index.	
Preconditions: Originating user has subscribed to	CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB) Options for public identity in use:			
Preferential CUG: None designated			
r fotoronnal oo o. Hono acoignatoa			
Outgoing access: not allowed			
SIP header values:			
SIP header values: INVITE:			
SIP header values: INVITE: <cug></cug>			
SIP header values: INVITE: <cug> <cugcalloperation></cugcalloperation></cug>	AccessReauest>		
SIP header values: INVITE: <cug></cug>	AccessRequest>		
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation></cug>	AccessRequest>		
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug>	AccessRequest>		
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug> 403 Forbidden	AccessRequest>		
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug> 403 Forbidden Reason: Q.850;cause=62	AccessRequest>		
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug> 403 Forbidden	AccessRequest>		
SIP header values: INVITE: <cug> <cugcalloperation> <cugindex>[unregistered CUG]</cugindex> </cugcalloperation> </cug> 403 Forbidden Reason: Q.850;cause=62 Comments: Test equipment (Gm) INVITE →			
SIP header values: INVITE: <cug> <cugcalloperation> <cugindex>[unregistered CUG]</cugindex> </cugcalloperation> </cug> 403 Forbidden Reason: Q.850;cause=62 Comments: Test equipment (Gm)			

TSS CUG/originating_AS/CUG without preference	TP CUG_N01_004	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/1
Test purpose	•		
CUG without preference: INVITE with CUG index	and outgoingAccess	Request = true, succ	essful.
Ensure that the SUT on receipt of an INVITE requ	est containing an xm	l element cug with	
cugCallOperation containing			
outgoingAccessRequest = true and			
registered CUGIndex,			
forwards an INVITE request containing an xml ele			
cugInterlockBinaryCode related to registered (CUG index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG		ess).	
Preconditions: Originating user has subscribed	to CUG		
Options for registered CUG index:	_ \		
Intra CUG restrictions: None designated (-OCI	3)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
SIP header values: INVITE1:			
<cug> <cugcalloperation></cugcalloperation></cug>			
 <ugestion< li=""> </ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<>	aAccessRequests		
 	0		
INVITE2:			
Content-Disposition:;handling=required			
<cug></cug>			
<networkindicator>[registered CUG index]<!-- r</td--><td></td><td></td><td></td></networkindicator>			
<cuginterlockbinarycode>[related to registere</cuginterlockbinarycode>		terlockBinaryCode>	
<cugcommunicationindicator>11<td>unicationIndicator></td><td></td><td></td></cugcommunicationindicator>	unicationIndicator>		
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1 +		INVITE2	

			-
TSS CUG/originating_AS/CUG without preference	TP CUG_N01_005	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/1 AND PICS 4.7.1/10
Test purpose		_	
CUG without preference +OCB: INVITE with CUG			e, unsuccessful.
Ensure that the SUT on receipt of an INVITE require cugCallOperation containing	est containing an xmi e	element cug with	
outgoingAccessRequest = true and			
registered CUGIndex,			
rejects the INVITE request by sending a 603 Decli	ne due to Outgoing Co	mmunication Barri	ng.
Preconditions: Originating user has subscribed	to CUG		
Options for registered CUG index:			
Intra CUG restrictions: OCB Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
SIP header values:			
INVITE:			
<cug></cug>			
 <cugcalloperation></cugcalloperation> <outgoingaccessrequest>TRUE </outgoingaccessrequest>	a Accore Boquests		
 			
Comments:			
Test equipment (Gm)	AS		
INVITE → 603 Decline ←			
ACK +			
TSS CUG/originating_AS/CUG without preference	TP CUG_N01_006	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND
1			PICS 4.7.1/1
Test purpose			PICS 4.7.1/1
CUG without preference: INVITE with unallocated			
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE requ			
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE requir cugCallOperation containing			
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and			
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex,	est containing an xml e	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and	est containing an xml e	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index:	est containing an xml e idden due to not alloca to CUG	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbi Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE	est containing an xml e idden due to not alloca to CUG	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbi Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use:	est containing an xml e idden due to not alloca to CUG	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbi Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated	est containing an xml e idden due to not alloca to CUG	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed	est containing an xml e idden due to not alloca to CUG	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values:	est containing an xml e idden due to not alloca to CUG	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug></cug>	est containing an xml e idden due to not alloca to CUG	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation></cugcalloperation></cug>	est containing an xml e idden due to not alloca to CUG 3)	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbi Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<td>est containing an xml e idden due to not alloca to CUG 3) gAccessRequest></td><td>element cug with</td><td></td></outgoingaccessrequest></cugcalloperation></cug>	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[unregistered CUG]<td>est containing an xml e idden due to not alloca to CUG 3) gAccessRequest></td><td>element cug with</td><td></td></cugindex></outgoingaccessrequest></cugcalloperation></cug>	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></cugcalloperation></cug>	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbi Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <cugindex>[unregistered CUG]</cugindex></cugcalloperation></cug>	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <cugindex>[unregistered CUG]</cugindex></cugcalloperation> </cug>	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></cugcalloperation></cug> 403 Forbidden Reason: Q.850;cause=62 Comments:	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbit Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></cugcalloperation></cug> 403 Forbidden Reason: Q.850;cause=62 Comments: Test equipment (Gm)	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	
CUG without preference: INVITE with unallocated Ensure that the SUT on receipt of an INVITE require cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbi Preconditions: Originating user has subscribed Options for registered CUG index: Intra CUG restrictions: None designated (-OCE Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></cugcalloperation></cug> 403 Forbidden Reason: Q.850;cause=62 Comments:	est containing an xml e idden due to not alloca to CUG 3) gAccessRequest>	element cug with	

TSS CUG/originating_AS/CUG without preference	TP CUG_N01_007	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/1
Test purpose			1100 4.7.171
CUG without preference: INVITE without CUG inde	x, unsuccessful.		
Ensure that the SUT on receipt of an INVITE reque		element cug with	
cugCallOperation containing	-	-	
outgoingAccessRequest = false,			
rejects the INVITE request by sending a 403 Forbid		CUGindex.	
Preconditions: Originating user has subscribed to	o CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
SIP header values:			
INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE<td>gaccessRequest></td><td></td><td></td></outgoingaccessrequest>	gaccessRequest>		
 403 Forbidden			
Reason: Q.850;cause=62			
Comments:			
Test equipment (Gm)	AS		
INVITE +	A 0		
403 Forbidden			
ACK →			
TSS	TP	CUG reference	Selection expression
CUG/originating_AS/CUG without preference	CUG_N01_008	clause 4.5.2.4	PICS 4.5.1/2 AND
			PICS 4.7.1/1
Test purpose			F103 4.7.1/1
Test purpose CUG without preference: INVITE without CUG inde	x and with outgoingA	AccessRequest = tru	
CUG without preference: INVITE without CUG inde			
CUG without preference: INVITE without CUG inde			
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reque			
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid	st containing an xml	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to	st containing an xml	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index:	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB)	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use:	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values:	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE:	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug></cug>	st containing an xml Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation></cugcalloperation></cug>	st containing an xml (Iden due to missing (o CUG	element cug with	
CUG without preference: INVITE without CUG inde Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 403 Forbid Preconditions: Originating user has subscribed to Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: <cug></cug>	st containing an xml (Iden due to missing (o CUG	element cug with	

403 Forbidden				
Reason: Q.850;cause=62				
Comments:				
Test equipment (Gm)		AS		
INVITE	→			
403 Forbidden	+			
ACK	→			

TSS CUG/originating_AS/CUG without preference	TP CUG_N01_009	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/1
Test purpose	·		
CUG without preference: INVITE for non-CUG comr	munication, unsucce	ssful.	
Ensure that the SUT on receipt of an INVITE reques	st containing no xml	element cug,	
rejects the INVITE request by sending a 403 Forbide	den due to missing c	ug XML element.	
Preconditions: Originating user has subscribed to	CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
SIP header values:			
INVITE:			
No xml element <cug></cug>			
403 Forbidden			
Reason: Q.850;cause=50			
Comments:			
Test equipment (Gm)	AS		
INVITE			
403 Forbidden 🗧 🗧			
ACK ->			

5.2.2.2 CUG without preference + OAE

TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_001	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/2
Test purpose CUG without preference + OAE: INVITE with CUG ind Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing registered CUGIndex, forwards an INVITE request containing an xml element cugInterlockBinaryCode related to registered CUG networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG witho Preconditions: Originating user has subscribed to C	containing an xml e t cug with index, put outgoing acces	-	
Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values:			
INVITE1: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug>			
INVITE2: Content-Disposition:;handling=required <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to registered CL <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>		ərlockBinaryCode>	
Comments: Test equipment (Gm) INVITE1 →	AS →	Test equipmer INVITE2	nt (ISC, Mw)

TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_002	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/2 AND PICS 4.7.1/10
Test purpose CUG without preference + OAE + OCB: INVITE with Ensure that the SUT on receipt of an INVITE request cugCallOperation containing registered CUGIndex, rejects the INVITE request by sending a 603 Decline	containing an xml	element cug with	na
Preconditions: Originating user has subscribed to		Similario allori Barni	·9.
Options for registered CUG index:			
Intra CUG restrictions: OCB Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed per communication			
SIP header values:			
INVITE: <cug></cug>			
 <cugcalloperation></cugcalloperation> 			
-outgoingAccessRequest>FALSEFALSE			
<pre><cugindex>[registered CUG index]</cugindex></pre>	>		
Comments:			
Test equipment (Gm)	AS		
INVITE +			
603 Decline ← ACK →			
ACK →			
TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_003	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/2
Test purpose			
CUG without preference + OAE: INVITE with unalloc Ensure that the SUT on receipt of an INVITE request cugCallOperation containing			
unregistered CUGIndex,			
rejects the INVITE request by sending a 403 Forbidd	en due to not alloca	ated CUG index.	
Preconditions: Originating user has subscribed to (CUG		
Options for registered CUG index: Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed per communication			
SIP header values: INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest></pre>	AccessRequest>		
<pre><outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></pre>	AccessRequest>		
<pre><outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> </outgoingaccessrequest></pre>	AccessRequest>		
<pre><outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></pre>	AccessRequest>		
<outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> 403 Forbidden Reason: Q.850;cause=62</outgoingaccessrequest>	AccessRequest>		
 <outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSEFALSEFALSEFALSE 403 Forbidden Reason: Q.850;cause=62 Comments: 			
 <outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSEFALSEFALSEFALSE 403 Forbidden Reason: Q.850;cause=62 Comments: Fest equipment (Gm) 	AccessRequest>		
 <outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSEFALSEFALSEFALSE 403 Forbidden Reason: Q.850;cause=62 Comments: 			

TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_004	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/2
Test purpose		•	
CUG without preference + OAE: INVITE with CUG ind	lex and outgoingA	ccessRequest = tru	e. successful non CUG
communication.	J	·····	-,
Ensure that the SUT on receipt of an INVITE request of	containing an xml	element cug with	
cugCallOperation containing	0	0	
outgoingAccessRequest = true and			
registered CUGIndex,			
forwards an INVITE request containing an xml elemen	t cug with		
cugInterlockBinaryCode related to registered CUG			
networkIndicator (PIXIT) and	·		
cugCommunicationIndicator set to "10" (CUG with	outgoing access).		
Preconditions: Originating user has subscribed to C			
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed per communication			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
 outgoingAccessRequest>TRUETRUE 	cessRequest>		
<cugindex>[registered CUG index]</cugindex>	,		
INVITE2:			
<cuq></cuq>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
 	JG index] <td>erlockBinaryCode></td> <td></td>	erlockBinaryCode>	
<cugcommunicationindicator>10<td>tionIndicator></td><td></td><td></td></cugcommunicationindicator>	tionIndicator>		
Comments:			
Test equipment (Gm) INVITE1 →	AS	Test equipment INVITE2	nt (ISC, Mw)

TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_005	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND
	000_1102_000	010000 1.0.2.1	PICS 4.7.1/2
Test purpose			
CUG without preference + OAE + OCB within CUG: II successful.	NVITE with CUG II	idex and outgoingA	ccessRequest = true,
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugCallOperation containing	C C	C C	
outgoingAccessRequest = true and registered CUGIndex,			
forwards the INVITE request containing no xml eleme	nt cua.		
Preconditions: Originating user has subscribed to C			
Options for registered CUG index:			
Intra CUG restrictions: OCB within CUG Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed per communication			
SIP header values:			
NVITE1: <cug></cug>			
 <cugcalloperation></cugcalloperation> 			
<pre><outgoingaccessrequest>TRUE</outgoingaccessrequest></pre>			
<pre><cugindex>[registered CUG index]</cugindex></pre>	>		
-			
NVITE2:			
No xml element <cug></cug>			
lest equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
NVITE1	→		
TSS	TP	CUG reference	Selection expression
TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_006	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND
CUG/originating_AS/CUG without preference + OAE			
CUG/originating_AS/CUG without preference + OAE Fest purpose	CUG_N02_006	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloce	CUG_N02_006	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose <i>CUG without preference</i> + <i>OAE: INVITE with unalloca</i> <i>unsuccessful.</i> Ensure that the SUT on receipt of an INVITE request	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose <i>CUG without preference</i> + <i>OAE: INVITE with unalloca</i> <i>unsuccessful.</i> Ensure that the SUT on receipt of an INVITE request cugCallOperation containing	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose <i>CUG without preference</i> + <i>OAE: INVITE with unalloca</i> <i>unsuccessful.</i> Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose <i>CUG without preference</i> + <i>OAE: INVITE with unalloca</i> <i>unsuccessful.</i> Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex,	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index:	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB)	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index:	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values:	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca Insuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE:	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca Unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE: <cug></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca Unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE: <cug> <cugcalloperation> coutgoingAccessRequest>TRUE </cugcalloperation></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloca Unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE: <cug> <cugcalloperation> <uugcalloperation></uugcalloperation> <uudculturegistered cug]<="" ul=""> </uudculturegistered> </cugcalloperation></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE: <cug> <cugcalloperation> <uugcalloperation></uugcalloperation> <uugcalloperation></uugcalloperation> <uugcalloperation></uugcalloperation> </cugcalloperation></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: INVITE: <cug> <cugcalloperation> coutgoingAccessRequest>TRUE </cugcalloperation></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE: <cug> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> <td>CUG_N02_006</td><td>clause 4.5.2.4 d outgoingAccessR element cug with</td><td>PICS 4.5.1/2 AND PICS 4.7.1/2</td></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: INVITE: <cug> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> <td>CUG_N02_006</td><td>clause 4.5.2.4 d outgoingAccessR element cug with</td><td>PICS 4.5.1/2 AND PICS 4.7.1/2</td></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE: <cug> <cugcalloperation> <ugcugcalloperation> <uudcugcalloperation> <ug< td=""><td>CUG_N02_006</td><td>clause 4.5.2.4 d outgoingAccessR element cug with</td><td>PICS 4.5.1/2 AND PICS 4.7.1/2</td></ug<></uudcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Fest purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: NVITE: <cug> <cugcalloperation> </cugcalloperation> <td>CUG_N02_006</td><td>clause 4.5.2.4 d outgoingAccessR element cug with</td><td>PICS 4.5.1/2 AND PICS 4.7.1/2</td></cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2
CUG/originating_AS/CUG without preference + OAE Test purpose CUG without preference + OAE: INVITE with unalloca unsuccessful. Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed per communication SIP header values: INVITE: <cug> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cug>	CUG_N02_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/2

TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_007	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND
	000_1102_007	010000 1.0.2.1	PICS 4.7.1/2
Test purpose	•		
CUG without preference + OAE: INVITE without CUG			not allowed.
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = false,			
rejects the INVITE request by sending a 403 Forbidde		access not allowed	
Preconditions: Originating user has subscribed to C	CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed per communication			
SIP header values:			
INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE<td>ccessRequest></td><td></td><td></td></outgoingaccessrequest>	ccessRequest>		
403 Forbidden			
Reason: Q.850:cause=62			
Comments:			
Test equipment (Gm)	AS		
INVITE -			
403 Forbidden			
ACK 🗕			
	I		
TSS	TP	CUG reference	Selection expression

TSS CUG/originating_AS/CUG without preference + OAE	TP CUG_N02_008	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND
			PICS 4.7.1/2
Test purpose	•		
CUG without preference + OAE: INVITE without CUG	index and with ou	tgoingAccessReque	est = true, successful
outgoing access allowed.			
Ensure that the SUT on receipt of an INVITE request of	containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true,			
forwards the INVITE request containing no xml elemer		oing access allowed	1.
Preconditions: Originating user has subscribed to C	UG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed per communication			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>TRUE</outgoingaccessrequest>TRUE</pre>	cessRequest>		
INVITE2:			
No xml element <cug></cug>			
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1 -	+	INVITE2	

TSS	ТР	CUG reference	Selection expression
CUG/originating_AS/CUG without preference + OAE	CUG_N02_009	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/2
Test purpose			
CUG without preference + OAE: INVITE for non-CUG	communication, u	insuccessful.	
Ensure that the SUT on receipt of an INVITE request of		element cug,	
rejects the INVITE request by sending a 403 Forbidde	n.		
Preconditions: Originating user has subscribed to C	CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed per communication			
SIP header values:			
INVITE:			
No xml element <cug></cug>			
403 Forbidden			
Reason: Q.850;cause=50			
Comments:			
Test equipment (ISC)	AS		
INVITE -			
403 Forbidden			
ACK →			

5.2.2.3 CUG without preference + OAI

TSS CUG/originating_AS/CUG without preference + OAI	TP CUG_N03_001	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/3
Test purpose	•		
CUG without preference + OAI: INVITE with CUG ind	ex, successful.		
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugCallOperation containing			
registered CUGIndex,			
forwards an INVITE request containing an xml elemer			
cugInterlockBinaryCode related to registered CUG networkIndicator (PIXIT) and	G index,		
cugCommunicationIndicator set to "10" (CUG with	outgoing access).		
Preconditions: Originating user has subscribed to C	CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed permanent			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSE</pre>			
<cugindex>[registered CUG index]</cugindex> 	>		
INVITE2:			
<cug></cug>			
<pre><networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator></pre>			
<cuginterlockbinarycode>[related to registered Cl</cuginterlockbinarycode>	UG index] <td>erlockBinarvCode></td> <td></td>	erlockBinarvCode>	
<cugcommunicationindicator>1010</cugcommunicationindicator>			
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1	→		

TSS CUG/originating_AS/CUG without preference + OAI	TP CUG_N03_002	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND
			PICS 4.7.1/3
Test purpose CUG without preference + OAI and OCB within CUG: Ensure that the SUT on receipt of an INVITE request cugCallOperation containing registered CUGIndex, forwards an INVITE request containing no xml element	containing an xml		
Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: OCB within CUG Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent			
SIP header values: INVITE1: <cug></cug>			
<ugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index] </cugindex></outgoingaccessrequest></ugcalloperation>			
INVITE2: No xml element <cug></cug>			
Comments: Test equipment (Gm) INVITE1 →	AS →	Test equipmer	nt (ISC, Mw)
TSS CUG/originating_AS/CUG without preference + OAI	TP CUG_N03_003	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/3
Test purpose CUG without preference + OAI: INVITE with unregiste Ensure that the SUT on receipt of an INVITE request cugCallOperation containing unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde	containing an xml	element cug with	
Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent	CUG		
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation></cug>	ccessRequest>		
Reason: Q.850;cause=62			
Comments:			
Comments: Test equipment (Gm) INVITE → 403 Forbidden ←	AS		

TSS CUG/originating_AS/CUG without preference + OAI	TP CUG_N03_004	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/3
Test purpose			
CUG without preference + OAI: INVITE with CUG ind	ex and outgoingAc	ccessRequest = true	, successful.
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true and			
registered CUGIndex,			
forwards the INVITE request containing an xml eleme			
cugInterlockBinaryCode related to registered CUG	6 index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG with			
Preconditions: Originating user has subscribed to (CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed permanent			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>TRUE<td>cessRequest></td><td></td><td></td></outgoingaccessrequest>	cessRequest>		
<cugindex>[registered CUG]</cugindex>			
INVITE2:			
<cug></cug>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
<cuginterlockbinarycode>[related to registered C</cuginterlockbinarycode>	UG index] <td>erlockBinarvCode></td> <td></td>	erlockBinarvCode>	
<ugcommunicationindicator>10<td></td><td></td><td></td></ugcommunicationindicator>			
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
NVITE1	+		

TSS	TP	CUG reference	Selection expression
CUG/originating_AS/CUG without preference + OAI	CUG_N03_005	clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/3
Test purpose		index and outgoing	
CUG without preference + OAI and OCB within CUG: successful.	INVITE WITH CUG	index and outgoing	AccessRequest = true,
Ensure that the SUT on receipt of an INVITE request of	containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true and registered CUGIndex,			
forwards an INVITE request containing no xml elemen	nt cug.		
Preconditions: Originating user has subscribed to C Options for registered CUG index:			
Intra CUG restrictions: OCB within CUG Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed permanent SIP header values:			
NVITE1:			
<cug></cug>			
<cugcalloperation> <outgoingaccessrequest>TRUE<td>cessBequest></td><td></td><td></td></outgoingaccessrequest></cugcalloperation>	cessBequest>		
 <cugindex>[registered CUG index]</cugindex> 			
NVITE2:			
No xml element <cug></cug>			
Comments:		_	(100 11)
Γest equipment (Gm) NVITE1 →	AS 🔒	Test equipmer	nt (ISC, Mw)
	-	•	
TSS	TP	CUG reference	Selection expression
CUG/originating_AS/CUG without preference + OAI	CUG_N03_006	clause 4.5.2.4	PICS 4.5.1/2 AND
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregiste	CUG_N03_006	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregiste unsuccessful.	CUG_N03_006	clause 4.5.2.4 d outgoingAccessR	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose <i>CUG without preference</i> + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of	CUG_N03_006	clause 4.5.2.4 d outgoingAccessR	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose <i>CUG without preference + OAI: INVITE with unregiste</i> <i>unsuccessful.</i> Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and	CUG_N03_006	clause 4.5.2.4 d outgoingAccessR	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex,	CUG_N03_006	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB)	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, ejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use:	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister Insuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE:	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister ansuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE: <cug></cug>	CUG_N03_006 pred CUG index and containing an xml of m due to non alloc	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister CugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE: <cug> <cugcalloperation></cugcalloperation></cug>	CUG_N03_006 ered CUG index and containing an xml of m due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister Insuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE: <cugs <cugcalloperation=""> coutgoingAccessRequest>TRUE </cugs>	CUG_N03_006 ered CUG index and containing an xml of m due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: INVITE: <cug> <cugcalloperation> <uusclear coupside="" cugcalloperation=""></uusclear> <uusclear cugcalloperation=""></uusclear> <uusclear cugcalloperation=""></uusclear> <uusclear cugcalloperation=""></uusclear> </cugcalloperation></cug>	CUG_N03_006 ered CUG index and containing an xml of m due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: INVITE: <cug> <cugcalloperation> coutgoingAccessRequest>TRUE </cugcalloperation></cug>	CUG_N03_006 ered CUG index and containing an xml of m due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister CUG without preference + OAI: INVITE with unregister CUG without preference + OAI: INVITE with unregister CugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE: <cug> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> <</cug>	CUG_N03_006 ered CUG index and containing an xml of m due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister Unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE: <cug> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cug>	CUG_N03_006 ered CUG index an containing an xml o in due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Fest purpose CUG without preference + OAI: INVITE with unregister Unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE: <cug> <cugcalloperation> <ugcugcalloperation> <uudcug< td=""><td>CUG_N03_006 ered CUG index and containing an xml of m due to non alloc UG</td><td>clause 4.5.2.4 d outgoingAccessR element cug with</td><td>PICS 4.5.1/2 AND PICS 4.7.1/3</td></uudcug<></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></ugcugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cugcalloperation></cug>	CUG_N03_006 ered CUG index and containing an xml of m due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3
CUG/originating_AS/CUG without preference + OAI Test purpose CUG without preference + OAI: INVITE with unregister unsuccessful. Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde Preconditions: Originating user has subscribed to C Options for registered CUG index: Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: allowed permanent SIP header values: NVITE: <cug> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> </cugcalloperation> <</cug>	CUG_N03_006 ered CUG index an containing an xml o in due to non alloc UG	clause 4.5.2.4 d outgoingAccessR element cug with	PICS 4.5.1/2 AND PICS 4.7.1/3

TSS	ТР	CUG reference	Selection expression
CUG/originating_AS/CUG without preference + OAI	CUG_N03_007	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/3
Test purpose			
CUG without preference + OAI: INVITE without CUG	index, successful o	outgoing access allo	owed.
Ensure that the SUT on receipt of an INVITE request			
cugCallOperation containing	0	Ũ	
outgoingAccessRequest = false,			
forwards an INVITE request containing no xml elemer	nt cug.		
Preconditions: Originating user has subscribed to (
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed permanent			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest></pre>	ccessRequest>		
INVITE2:			
No xml element <cug></cug>			
No xml element <cug> Comments:</cug>	AS	Test equipmer	nt (ISC, Mw)
No xml element <cug> Comments: Test equipment (Gm) INVITE1 →</cug>	AS →	Test equipmen	nt (ISC, Mw)
No xml element <cug> Comments: Test equipment (Gm)</cug>	-		nt (ISC, Mw)
No xml element <cug> Comments: Test equipment (Gm)</cug>	-		nt (ISC, Mw)

			PICS 4.7.1/3
Test purpose			
CUG without preference + OAI: INVITE without	CUG index and wit	h outgo	pingAccessRequest = true, successful
outgoing access allowed.			
Ensure that the SUT on receipt of an INVITE re	quest containing ar	xml ele	ement cug with
cugCallOperation containing			
outgoingAccessRequest = true,			
forwards an INVITE request containing no xml e	element cug.		
Preconditions: Originating user has subscrib	ed to CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-C	OCB)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed permanent			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>TRUE<td>pingAccessRequest</td><td>></td><td></td></outgoingaccessrequest>	pingAccessRequest	>	
INVITE2:			
No xml element <cug></cug>			
Comments:			
Test equipment (Gm)	AS		Test equipment (ISC, Mw)
INVITE1		→	INVITE2

TSS CUG/originating_AS/CUG without preference + OAI	TP CUG_N03_009	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/3
Test purpose			
CUG without preference + OAI: INVITE for non-CUG	communication, su	ıccessful.	
Ensure that the SUT on receipt of an INVITE request	containing no xml	element cug,	
forwards an INVITE request containing no xml elemer	nt cug.		
Preconditions: Originating user has subscribed to C	CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: allowed permanent			
SIP header values:			
INVITE1:			
No xml element <cug></cug>			
INVITE2:			
No xml element <cug></cug>			
Comments:			
Test equipment (Gm)	AS	Test equipme	nt (ISC, Mw)
INVITE1	+	INVITE2	- · ·

5.2.2.4 CUG with preference

TSS	ТР	CUG reference	Selection expression
CUG/originating_AS/CUG with preference	CUG_N04_001	clause 4.5.2.4	PICS 4.5.1/2 AND
			PICS 4.7.1/4
Test purpose			
CUG with preference: INVITE with CUG index, such	cessful.		
Ensure that the SUT on receipt of an INVITE reque	st containing an xml	element cug with	
cugCallOperation containing			
registered CUGIndex,			
forwards an INVITE request containing an xml elem			
cugInterlockBinaryCode related to registered CL	JG index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG w		ss).	
Preconditions: Originating user has subscribed to			
Options for registered and preferred CUG inc			
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: not allowed SIP header values:			
INVITE1:			
<pre>cug></pre>			
<cugcalloperation></cugcalloperation>			
 <ugestion< li=""> <ugestion< ul=""> </ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<></ugestion<>	AccessRequests		
<pre><cugindex>[registered CUG index]</cugindex></pre>			
INVITE2:			
Content-Disposition:;handling=required			
<cug></cug>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
<cuginterlockbinarycode>[related to registered</cuginterlockbinarycode>		erlockBinaryCode>	
<cugcommunicationindicator>11<td>icationIndicator></td><td></td><td></td></cugcommunicationindicator>	icationIndicator>		
Comments:		_	
Test equipment (Gm)	AS	Test equipme	nt (ISC, Mw)
INVITE1		INVITE2	

700			
TSS CUG/originating_AS/CUG with preference	TP CUG_N04_002	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/10
Test purpose CUG with preference + OCB: INVITE with CUG ind Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing registered CUGIndex, rejects the INVITE request by sending a 603 Declin Preconditions: Originating user has subscribed to	st containing an xml o le due to Outgoing Co	-	ng.
Options for registered and preferred CUG inc Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: not allowed			
SIP header values: INVITE: <cug></cug>			
<pre><cugcalloperation> <outgoingaccessrequest>FALSE[registered CUG index]</outgoingaccessrequest></cugcalloperation></pre>			
Test equipment (Gm) INVITE →	AS		
603 Decline ← ACK →			
700			
TSS CUG/originating_AS/CUG with preference	TP CUG_N04_003	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/4
Test purpose CUG with preference: INVITE with unregistered CU Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing unregistered CUGIndex,			
rejects the INVITE request by sending a 403 Forbid	lden due to non alloc	ated CUG index.	
Preconditions: Originating user has subscribed to Options for registered and preferred CUG ind Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: registered CUG Outgoing access: not allowed	o CUG dex:		
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></cugcalloperation></cug>	gAccessRequest>		
 403 Forbidden			
Reason: Q.850;cause=62 Comments:			
Test equipment (Gm) INVITE →	AS		
403 Forbidden ← ACK →			

TSS CUG/originating_AS/CUG with preference	TP CUG_N04_004	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/4
Test purpose			
CUG with preference: INVITE with CUG index an	d outgoingAccessRequ	uest = true, success	ful.
Ensure that the SUT on receipt of an INVITE requ	uest containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true and			
registered CUGIndex,			
forwards an INVITE request containing an xml ele			
cugInterlockBinaryCode related to registered	CUG index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG		ss).	
Preconditions: Originating user has subscribed			
Options for registered and preferred CUG			
Intra CUG restrictions: None designated (-OC	B)		
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: not allowed			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>TRUE</outgoingaccessrequest>TRUE</pre>			
<cugindex>[registered CUG index]<td>idex></td><td></td><td></td></cugindex>	idex>		
INVITE2:			
Content-Disposition:;handling=required			
<cuq></cuq>			
<networkindicator>[registered CUG index]<!--</td--><td>networkIndicator></td><td></td><td></td></networkindicator>	networkIndicator>		
<cuginterlockbinarycode>[related to registered</cuginterlockbinarycode>		erlockBinarvCode>	
<cugcommunicationindicator>11<td></td><td>shoold binding oodos</td><td></td></cugcommunicationindicator>		shoold binding oodos	
Comments:			
Test equipment (Gm)	AS	Test equipme	nt (ISC, Mw)
INVITE1 →	+		· · · ·

		1	
TSS CUG/originating_AS/CUG with preference	TP CUG_N04_005	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/4 AND PICS 4.7.1/10
Test purpose CUG with preference +OCB: INVITE with CUG indu Ensure that the SUT on receipt of an INVITE reque cugCallOperation containing outgoingAccessRequest = true and registered CUGIndex, rejects the INVITE request by sending a 603 Declir	st containing an xml e	element cug with	
Preconditions: Originating user has subscribed t Options for registered and preferred CUG in Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: not allowed	o CUG		' y .
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[registered CUG index]</cugindex></outgoingaccessrequest></cugcalloperation></cug>			
 Comments: Test equipment (Gm)	AS		
INVITE → 603 Decline ← ACK →			
TSS CUG/originating_AS/CUG with preference	TP CUG_N04_006	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/4
Test purpose CUG with preference: INVITE with unregistered CL Ensure that the SUT on receipt of an INVITE reque cugCallOperation containing outgoingAccessRequest = true and unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbic Preconditions: Originating user has subscribed t Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB)	st containing an xml e Iden due to non alloca o CUG dex:	element cug with	true, unsuccessful.
Options for public identity in use: Preferential CUG: registered CUG			
Outgoing access: not allowed SIP header values: INVITE: <cug> <cugcalloperation> <cugindex>[unregistered CUG]</cugindex> </cugcalloperation></cug>	AccessRequest>		
Reason: Q.850;cause=62			
Test equipment (Gm)	AS		
INVITE → 403 Forbidden ←			

TSS	TP	CUG reference	Selection expression
CUG/originating_AS/CUG with preference	CUG_N04_007	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/4
Test purpose			
CUG with preference: INVITE without CUG index,	successful.		
Ensure that the SUT on receipt of an INVITE requ	est containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = false,			
forwards an INVITE request containing an xml ele			
cugInterlockBinaryCode related to preferred C networkIndicator (PIXIT) and	UG index,		
cugCommunicationIndicator set to "11" (CUG	without outgoing acces	ss).	
Preconditions: Originating user has subscribed			
Options for registered and preferred CUG in			
Intra CUG restrictions: None designated (-OCE	3)		
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: not allowed			
SIP header values:			
INVITE1:			
<cug></cug>			
<pre><cugcalloperation> </cugcalloperation></pre>			
<outgoingaccessrequest>FALSE</outgoingaccessrequest>	ngAccessRequest>		
INVITE2:			
Content-Disposition:;handling=required			
<cug></cug>			
<pre><networkindicator>[registered CUG index]<!-- r</pre--></networkindicator></pre>	networkIndicator>		
<cuginterlockbinarycode>[related to preferred</cuginterlockbinarycode>		rlockBinarvCode>	
<cugcommunicationindicator>11<td></td><td>,</td><td></td></cugcommunicationindicator>		,	
Comments:			
Test equipment (Gm)	AS	Test equipme	nt (ISC, Mw)
INVITE1	-	INVITE2	-

TSS	TP	CUG reference	Selection expression
CUG/originating_AS/CUG with preference	CUG_N04_008	clause 4.5.2.4	PICS 4.5.1/2 AND
			PICS 4.7.1/4
lest purpose			
CUG with preference: INVITE without CUG index			unsuccessful.
Ensure that the SUT on receipt of an INVITE requ	est containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true,			
ejects the INVITE request by sending a 403 Forb		access not allowed	
Preconditions: Originating user has subscribed			
Options for registered and preferred CUG in	ndex:		
Intra CUG restrictions: None designated			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: not allowed			
SIP header values: NVITE:			
<cug> <cugcalloperation></cugcalloperation></cug>			
 <ugoalloperation></ugoalloperation> <ugoalloperation></ugoalloperation> <ugoalloperation></ugoalloperation> <ugoalloperation></ugoalloperation> <ugoalloperation></ugoalloperation> <ugoalloperation></ugoalloperation> <ugoalloperation></ugoalloperation> <ugoalloperation></ugoalloperation> <ugoalloperation> <ugoalloperation><</ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation></ugoalloperation>	aAccessRequests		
	groocsarcquest>		
403 Forbidden			
Reason: Q.850;cause=62			
Comments:			
Test equipment (Gm)	AS		
NVITE →			
403 Forbidden +			
ACK +			
TSS	TP	CUG reference	Selection expression
CUG/originating_AS/CUG with preference	CUG_N04_009	clause 4.5.2.4	PICS 4.5.1/2 AND
500/originating_A0/000 with preference	000_104_003	012036 4.0.2.4	PICS 4.7.1/4
Test purpose			
CUG with preference: INVITE for non-CUG comm	unication, successful.		
Ensure that the SUT on receipt of an INVITE requ		element cug,	
orwards an INVITE request containing an xml ele			
cugInterlockBinaryCode related to preferred C	UG index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG	without outgoing acces	ss).	
Preconditions: Originating user has subscribed			
Options for registered and preferred CUG in			
Intra CUG restrictions: None designated (-OCE	3)		
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: not allowed			
SIP header values:			
NVITE1:			
No xml element <cug></cug>			
Content-Disposition:;handling=required			
Content-Disposition:;handling=required <cug></cug>	otworkIndicators		
Content-Disposition:;handling=required <cug> <networkindicator>[registered CUG index]<!-- r</td--><td></td><td>rlock Rippr (Code</td><td></td></networkindicator></cug>		rlock Rippr (Code	
Content-Disposition:;handling=required <cug> <networkindicator>[registered CUG index]<!-- r<br--><cuginterlockbinarycode>[related to preferred</cuginterlockbinarycode></networkindicator></cug>	CUG index] <td>rlockBinaryCode></td> <td></td>	rlockBinaryCode>	
Content-Disposition:;handling=required <cug> <networkindicator>[registered CUG index]<!-- r<br--><cuginterlockbinarycode>[related to preferred <cugcommunicationindicator>11<td>CUG index]<td>rlockBinaryCode></td><td></td></td></cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	CUG index] <td>rlockBinaryCode></td> <td></td>	rlockBinaryCode>	
<cuginterlockbinarycode>[related to preferred</cuginterlockbinarycode>	CUG index] <td>rlockBinaryCode></td> <td></td>	rlockBinaryCode>	

Comments:				
Test equipment (Gm)		AS		Test equipment (ISC, Mw)
INVITE1	→		→	INVITE2

5.2.2.5 CUG with preference + OAE

TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_001	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Test purpose CUG with preference + OAE: INVITE with CUG index, Ensure that the SUT on receipt of an INVITE request of cugCallOperation containing registered CUGIndex, forwards an INVITE request containing an xml elemen	containing an xml (element cug with	
cugInterlockBinaryCode related to registered CUG networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG witho	index,	ss).	
Preconditions: Originating user has subscribed to C Options for registered and preferred CUG index Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed per communication	UG		
SIP header values: INVITE1: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug>			
INVITE2: Content-Disposition:;handling=required <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to registered CL <cugcommunicationindicator>11 </cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>		erlockBinaryCode>	
Comments: Test equipment (Gm) INVITE1 →	AS →	Test equipment INVITE2	nt (ISC, Mw)

TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_002	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5 AND PICS 4.7.1/10
Test purpose CUG with preference + OAE + OCB: INVITE with CL Ensure that the SUT on receipt of an INVITE request cugCallOperation containing registered CUGIndex, rejects the INVITE request by sending a 603 Decline	containing an xml	element cug with	
Preconditions: Originating user has subscribed to Options for registered and preferred CUG inde Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG	CUG		
Outgoing access: allowed per communication SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSE<td>AccessRequest></td><td></td><td></td></cugcalloperation></cug>	AccessRequest>		
<cugindex>[registered CUG index] Comments:</cugindex>			
Test equipment (Gm) INVITE 603 Decline ACK	AS		
TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_003	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Test purpose CUG with preference + OAE: INVITE with unregister Ensure that the SUT on receipt of an INVITE request cugCallOperation containing unregistered CUGIndex,			
rejects the INVITE request by sending a 403 Forbidd		ated CUG index.	
Preconditions: Originating user has subscribed to Options for registered and preferred CUG inde Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed per communication			
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<td>AccessRequest></td><td></td><td></td></outgoingaccessrequest></cugcalloperation></cug>	AccessRequest>		
<cugindex>[unregistered CUG]</cugindex> 			
403 Forbidden Reason: Q.850;cause=62			
Comments: Test equipment (Gm) INVITE → 403 Forbidden ←	AS		
ACK			

TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_004	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Test purpose			
CUG with preference + OAE: INVITE with CUG index			successful.
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true and			
registered CUGIndex,			
forwards an INVITE request containing an xml eleme	nt cug with		
cugInterlockBinaryCode related to registered CUC	G index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG with	n outgoing access).		
Preconditions: Originating user has subscribed to			
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed per communication			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
 outgoingAccessRequest>TRUE<td>ccessRequest></td><td></td><td></td>	ccessRequest>		
<cugindex>[registered CUG index]<td></td><td></td><td></td></cugindex>			
INVITE2:			
<cug></cug>			
<pre>~networkIndicator >[PIXIT]<!-- networkIndicator--></pre>			
<cuginterlockbinarycode>[related to registered C</cuginterlockbinarycode>	UG index] <td>erlockBinaryCode></td> <td></td>	erlockBinaryCode>	
<cugcommunicationindicator>10<td></td><td>,</td><td></td></cugcommunicationindicator>		,	
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1	+		

700	TD	0110	
TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_005	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Test purpose CUG with preference + OAE + OCB within CUG: INV successful.	ITE with CUG inde	x and outgoingAcce	·
Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and	containing an xml	element cug with	
registered CUGIndex,			
forwards an INVITE request containing no xml elemen			
Preconditions: Originating user has subscribed to (Options for registered and preferred CUG inde Intra CUG restrictions: OCB within CUG Options for public identity in use:			
Preferential CUG: registered CUG Outgoing access: allowed per communication			
SIP header values:			
INVITE1:			
<cug></cug>			
<pre><cugcalloperation> <outgoingaccessrequest>TRUE</outgoingaccessrequest>TRUE<td></td><td></td><td></td></cugcalloperation></pre>			
INVITE2: No xml element <cug></cug>			
Comments:			
Test equipment (Gm) INVITE1 →	AS →	Test equipmer	nt (ISC, Mw)
TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_006	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Test purpose		4	
CUG with preference + OAE: INVITE with unregistere			uest = true, unsuccessful.
Ensure that the SUT on receipt of an INVITE request cugCallOperation containing outgoingAccessRequest = true and	containing an xmi	element cug with	
unregistered CUGIndex, rejects the INVITE request by sending a 403 Forbidde	en due to non alloc	ated CLIG index	
Preconditions: Originating user has subscribed to (
Options for registered and preferred CUG inde Intra CUG restrictions: None designated (-OCB) Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed per communication			
SIP header values: INVITE:			
<cug> <cugcalloperation></cugcalloperation></cug>			
<pre><outgoingaccessrequest>TRUE<cugindex>[unregistered CUG]</cugindex></outgoingaccessrequest></pre>	ccessRequest>		
403 Forbidden Reason: Q.850;cause=62			
Comments:			
Test equipment (Gm) INVITE →	AS		
403 Forbidden			

TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_007	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Fest purpose		•	
CUG with preference + OAE: INVITE without CUG in	dex and with outgo	bingAccessRequest	= false, successful.
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = false,			
orwards an INVITE request containing an xml eleme			
cugInterlockBinaryCode related to preferred CUG	index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG with		ss).	
Preconditions: Originating user has subscribed to	CUG		
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed per communication			
SIP header values:			
NVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>	_		
<outgoingaccessrequest>FALSE<td>AccessRequest></td><td></td><td></td></outgoingaccessrequest>	AccessRequest>		
NVITE2:			
Content-Disposition:;handling=required			
<cug></cug>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
<cuginterlockbinarycode>[related to preferred Cl</cuginterlockbinarycode>		rlockBinaryCode>	
<cugcommunicationindicator>11<td>cationIndicator></td><td></td><td></td></cugcommunicationindicator>	cationIndicator>		
Comments:			
Fest equipment (Gm)	AS	Test equipme	nt (ISC, Mw)
NVITE1 →		INVITE2	
		CUG reference	

TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_008	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Test purpose			1103 4.7.1/5
CUG with preference + OAE: INVITE without CUG in	dex and with outgo	inaAccessReauest	= true. successful.
Ensure that the SUT on receipt of an INVITE request			
cugCallOperation containing		g	
outgoingAccessRequest = true,			
forwards an INVITE request containing no xml eleme	nt cug.		
Preconditions: Originating user has subscribed to			
Options for registered and preferred CUG inde			
Intra CUG restrictions: None designated			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed per communication			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>TRUE<td>ccessRequest></td><td></td><td></td></outgoingaccessrequest>	ccessRequest>		
INVITE2:			
No xml element <cug></cug>			
Comments:			
Test equipment (Gm) INVITE1 →	AS →	Test equipme INVITE2	nt (ISC, Mw)

TSS CUG/originating_AS/CUG with preference + OAE	TP CUG_N05_009	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/5
Test purpose			
CUG with preference + OAE: INVITE for non-CUG co			
Ensure that the SUT on receipt of an INVITE request		element cug,	
returns an INVITE request containing an xml element			
cugInterlockBinaryCode related to preferred CUG	i index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG with		ss).	
Preconditions: Originating user has subscribed to			
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed per communication			
SIP header values:			
INVITE1:			
No xml element <cug></cug>			
INVITE2:			
Content-Disposition:;handling=required			
<cug></cug>			
<pre><networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to preferred Cl <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></pre>		rlockBinaryCode>	
Comments:		_	
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1 +	→	INVITE2	

5.2.2.6 CUG with preference + OAI

TSS CUG/originating_AS/CUG with preference + OAI	TP CUG_N06_001	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6
Test purpose		4	
CUG with preference + OAI: INVITE with CUG index,			
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugCallOperation containing registered CUGIndex,			
forwards an INVITE request containing an xml elemer	nt cug with		
cugInterlockBinaryCode related to registered CUG networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG with	outgoing access).		
Preconditions: Originating user has subscribed to C	CUG		
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed permanent			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>	D (
<outgoingaccessrequest>FALSE<td></td><td></td><td></td></outgoingaccessrequest>			
<pre><cugindex>[registered CUG index]</cugindex></pre>	>		
INVITE2:			
<cug></cug>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
<cuginterlockbinarycode>[related to registered C</cuginterlockbinarycode>	UG index] <td>erlockBinaryCode></td> <td></td>	erlockBinaryCode>	
<cugcommunicationindicator>10<td>ationIndicator></td><td>-</td><td></td></cugcommunicationindicator>	ationIndicator>	-	
Comments:			
Test equipment (Gm) INVITE1 →	AS →	Test equipme INVITE2	nt (ISC, Mw)

TSS CUG/originating_AS/CUG with preference + OAI	TP CUG_N06_002	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10
Test purpose CUG with preference + OAI and OCB: INVITE with C Ensure that the SUT on receipt of an INVITE request cugCallOperation containing registered CUGIndex, rejects the INVITE request by sending a 603 Decline	containing an xml due to Outgoing Co	element cug with	
Preconditions: Originating user has subscribed to Options for registered and preferred CUG inde Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent			
SIP header values: INVITE: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index]</cugindex></outgoingaccessrequest></cugcalloperation></cug>			
Test equipment (Gm)INVITE603 DeclineACK	AS		
TSS CUG/originating_AS/CUG with preference + OAI	TP CUG_N06_003	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6
Test purpose CUG with preference + OAI and OCB within CUG: IN Ensure that the SUT on receipt of an INVITE request cugCallOperation containing registered CUGIndex, forwards an INVITE request containing no xml eleme	containing an xml		
Preconditions: Originating user has subscribed to Options for registered and preferred CUG inde Intra CUG restrictions: OCB within CUG Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent			
SIP header values: INVITE1: <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index]</cugindex></outgoingaccessrequest></cugcalloperation> </cug>			
INVITE2: No xml element <cug> Comments:</cug>			
Test equipment (Gm)	AS		

TSS	ТР	CUG reference	Selection expression
CUG/originating_AS/CUG with preference + OAI	CUG_N06_004	clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/6
Test purpose			
CUG with preference + OAI: INVITE with unregistere			
Ensure that the SUT on receipt of an INVITE request	t containing an xml	element cug with	
cugCallOperation containing			
unregistered CUGIndex,			
rejects the INVITE request by sending a 403 Forbidd		ated CUG index.	
Preconditions: Originating user has subscribed to	CUG		
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed permanent			
SIP header values:			
INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSE</pre>	AccessRequest>		
<cugindex>[unregistered CUG]</cugindex>			
403 Forbidden			
Reason: Q.850;cause=62			
Comments:			
Test equipment (Gm)	AS		
INVITE -			
403 Forbidden			
ACK 🗕			

TSS CUG/originating_AS/CUG with preference + OAI	TP CUG_N06_005	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6
Test purpose	I.		
CUG with preference + OAI: INVITE with CUG index	x and outgoingAcce	ssRequest = true, si	uccessful.
Ensure that the SUT on receipt of an INVITE reques			
cugCallOperation containing	Ū	Ũ	
outgoingAccessRequest = true and			
registered CUGIndex,			
forwards an INVITE request containing an xml eleme			
cugInterlockBinaryCode related to registered CU	IG index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG with			
Preconditions: Originating user has subscribed to			
Options for registered and preferred CUG ind	lex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed permanent			
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>	_		
<outgoingaccessrequest>TRUE<td>AccessRequest></td><td></td><td></td></outgoingaccessrequest>	AccessRequest>		
<cugindex>[registered CUG]</cugindex>			
INVITE2:			
<cug></cug>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
<cuginterlockbinarycode>[related to registered)</cuginterlockbinarycode>	CUG index] <td>erlockBinaryCode></td> <td></td>	erlockBinaryCode>	
<cugcommunicationindicator>10<td>cationIndicator></td><td>•</td><td></td></cugcommunicationindicator>	cationIndicator>	•	
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1	+	INVITE2	-

Test purpose CUG with preference + OAI and OCB: INVITE with 0 Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true and registered CUGIndex, rejects the INVITE request by sending a 603 Decline Preconditions: Originating user has subscribed to Options for registered and preferred CUG ind Intra CUG restrictions: OCB	et containing an xml		t = true, unsuccessful.
Options for public identity in use:		ommunication Barrir	<u>ıg.</u>
Preferential CUG: registered CUG Outgoing access: allowed permanent			
SIP header values: INVITE1: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[registered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug>	AccessRequest>		
Comments: Test equipment (Gm)	AS	Test equipmer	at (ISC Mw)
INVITE -	A3	rest equipmen	n (130, mw)
603 Decline ← ACK →			
TSS CUG/originating_AS/CUG with preference + OAI	TP CUG_N06_007	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6
Test purpose CUG with preference + OAI and OCB within CUG: If successful. Ensure that the SUT on receipt of an INVITE reques cugCallOperation containing outgoingAccessRequest = true and registered CUGIndex, forwards an INVITE request containing no xml element	t containing an xml		xessRequest = true,
Preconditions: Originating user has subscribed to Options for registered and preferred CUG ind Intra CUG restrictions: OCB within CUG Options for public identity in use:	CUG		
Preferential CUG: registered CUG			
Outgoing access: allowed permanent SIP header values: INVITE1: <cug> <cugcalloperation> <outgoingaccessrequest>TRUE<cugindex>[registered CUG]</cugindex> </outgoingaccessrequest></cugcalloperation> </cug>	AccessRequest>		
INVITE2:			
No xml element <cug> Comments: Test equipment (Gm)</cug>	AS	Test equipmer	nt (ISC, Mw)

TSS	TP CUG_N06_008	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND
CUG/originating_AS/CUG with preference + OAI		Clause 4.5.2.4	PICS 4.5.1/2 AND PICS 4.7.1/6
Test purpose	·		·
CUG with preference + OAI: INVITE with unregistered			uest = true, unsuccessful.
Ensure that the SUT on receipt of an INVITE reques	t containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true and			
unregistered CUGIndex,			
rejects the INVITE request by sending a 403 Forbido		ated CUG Index.	
Preconditions: Originating user has subscribed to			
Options for registered and preferred CUG ind Intra CUG restrictions: None designated (-OCB)	ex:		
Options for public identity in use:			
Preferential CUG: registered CUG			
Outgoing access: allowed permanent			
SIP header values:			
INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>TRUE</outgoingaccessrequest></pre>	ccessRequest>		
<cugindex>[unregistered CUG]</cugindex>			
403 Forbidden			
Reason: Q.850;cause=62			
Comments:			
Test equipment (Gm)	AS		
INVITE -			
403 Forbidden			
ACK +			

TOO	TO			
TSS CUG/originating_AS/CUG with preference + C	DAI CU	JG_N06_009	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6
Test purpose				
CUG with preference + OAI: INVITE without C				true, successful.
Ensure that the SUT on receipt of an INVITE r cugCallOperation containing	request cont	aining an xmi	element cug with	
outgoingAccessRequest = true,				
forwards an INVITE request containing an xml	l element cu	ig with		
cugInterlockBinaryCode related to preferre	ed CUG inde	ex,		
networkIndicator (PIXIT) and	LIC with out			
cugCommunicationIndicator set to "10" (Cl Preconditions: Originating user has subscri	bed to CLIG	going access).		
Options for registered and preferred CU	JG index:			
Intra CUG restrictions: None designated (-				
Options for public identity in use:				
Preferential CUG: registered CUG Outgoing access: allowed permanent				
SIP header values:				
INVITE1:				
<cug></cug>				
<cugcalloperation></cugcalloperation>		Desusat		
<outgoingaccessrequest>TRUE</outgoingaccessrequest>	goingAccess	skequest>		
INVITE2:				
<cug> <networkindicator>[PIXIT]<!-- networkIndicator</td--><td>ators</td><td></td><td></td><td></td></networkindicator></cug>	ators			
 <cuginterlockbinarycode>[related to prefetation]</cuginterlockbinarycode> 		ndex1 <td>rlockBinarvCode></td> <td></td>	rlockBinarvCode>	
<cugcommunicationindicator>10<td></td><td></td><td>,</td><td></td></cugcommunicationindicator>			,	
Comments:				
	٨	s	Test equipme	at (ISC Mw)
Test equipment (Gm)		.s →	Test equipmer	nt (ISC, Mw)
Test equipment (Gm)		-		nt (ISC, Mw)
Test equipment (Gm) INVITE1	•	→	INVITE2	
Test equipment (Gm) INVITE1 -	► TF	• • •	CUG reference	Selection expression
Test equipment (Gm) INVITE1	► TF	→	INVITE2	
Test equipment (Gm) INVITE1	► TF	• • •	CUG reference	Selection expression PICS 4.5.1/2 AND
Test equipment (Gm) INVITE1 - TSS CUG/originating_AS/CUG with preference + C Test purpose	DAI CL	→ JG_N06_010	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE	DAI CL	→ JG_N06_010	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful.	DAI CL	JG_N06_010	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE	DAI CL	JG_N06_010	CUG reference clause 4.5.2.4	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true,	DAI CL	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E	DAI CL E without CU request cont	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions:	DAI CL E without CU request cont Decline due bed to CUG	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E	DAI CL E without CU request cont Decline due bed to CUG	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrited Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use:	DAI CL E without CU request cont Decline due bed to CUG	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrited Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG	DAI CL E without CU request cont Decline due bed to CUG	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrited Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent	DAI CL E without CU request cont Decline due bed to CUG	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrite Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent SIP header values:	DAI CL E without CU request cont Decline due bed to CUG	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrited Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent	DAI CL E without CU request cont Decline due bed to CUG	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscriite Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent SIP header values: INVITE: <cugcalloperation></cugcalloperation>	AI TF CL E without CU request cont Decline due bed to CUG JG index:	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 - TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrit Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent SIP header values: INVITE: <cug> <cugcalloperation> <uugcalloperation> <uugcalloperation></uugcalloperation> <uugcalloperation></uugcalloperation> </uugcalloperation> </uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></uugcalloperation></cugcalloperation></cug>	AI TF CL E without CU request cont Decline due bed to CUG JG index:	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 -> TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscriit Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent SIP header values: INVITE: <cugcalloperation> <outgoingaccessrequest>TRUE <utgcingaccessrequest>TRUE</utgcingaccessrequest></outgoingaccessrequest></cugcalloperation>	AI TF CL E without CU request cont Decline due bed to CUG JG index:	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 -	AI TF CL E without CU request cont Decline due bed to CUG JG index:	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 - TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrii Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent SIP header values: INVITE: <cug> <cugcalloperation> <cugcalloperation> <cugcalloperation> <cugcalloperation></cugcalloperation> <cugcalloperation></cugcalloperation> <cugcalloperation></cugcalloperation> <cugcalloperation></cugcalloperation> </cugcalloperation> </cugcalloperation></cugcalloperation></cug>	DAI TF CL E without CU request cont Decline due bed to CUG JG index:	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 - TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrii Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent SIP header values: INVITE: <cug> <cugcalloperation> <uul> <uul> <</uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></cugcalloperation></cug>	DAI CL E without CU request cont Decline due bed to CUG JG index: goingAccess	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,
Test equipment (Gm) INVITE1 - TSS CUG/originating_AS/CUG with preference + C Test purpose CUG with preference + OAI and OCB: INVITE unsuccessful. Ensure that the SUT on receipt of an INVITE r cugCallOperation containing outgoingAccessRequest = true, rejects the INVITE request by sending a 603 E Preconditions: Originating user has subscrii Options for registered and preferred CU Intra CUG restrictions: OCB Options for public identity in use: Preferential CUG: registered CUG Outgoing access: allowed permanent SIP header values: INVITE: <cug> <cugcalloperation> <uul> <uul> <</uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></uul></cugcalloperation></cug>	DAI CL E without CU request cont Decline due bed to CUG JG index: goingAccess	JG_N06_010	CUG reference clause 4.5.2.4 with outgoingAccess element cug with	Selection expression PICS 4.5.1/2 AND PICS 4.7.1/6 AND PICS 4.7.1/10 Request = true,

5.2.2.7 No CUG

TSS		TP	CUG reference	Selection expression
CUG/originating_AS/No CUG		CUG_N07_001	clause 4.5.2.4	PICS 4.5.1/2
Test purpose				
No CUG: INVITE with CUG index, unsu	ccessful.			
Ensure that the SUT on receipt of an IN	VITE reques	st containing an xml	element cug with	
cugCallOperation containing				
any CUGIndex,				
rejects the INVITE request by sending a	403 Forbid	den.		
Preconditions: Originating user has no	ot subscribe	ed to CUG		
SIP header values:				
INVITE:				
<cug></cug>				
<cugcalloperation></cugcalloperation>				
<outgoingaccessrequest>FALS</outgoingaccessrequest>	E <th>AccessRequest></th> <th></th> <th></th>	AccessRequest>		
<cugindex>[any CUG index]<th>gIndex></th><th></th><th></th><th></th></cugindex>	gIndex>			
403 Forbidden				
Reason: Q.850;cause=50				
Comments:		AS		
Test equipment (Gm) INVITE	→	AS		
403 Forbidden	-			
	← →			
ACK	7			
TSS		TP	CUG reference	Selection expression

TSS	TP	CUG reference	Selection expression
CUG/originating_AS/No CUG	CUG_N07_002	clause 4.5.2.4	PICS 4.5.1/2
Test purpose			
No CUG: INVITE with CUG index and outgoingAccess	sRequest = true, u	insuccessful.	
Ensure that the SUT on receipt of an INVITE request of	containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = true and			
any CUGIndex,			
rejects the INVITE request by sending a 403 Forbidde	n.		
Preconditions: Originating user has not subscribed	to CUG		
SIP header values:			
INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>TRUE</outgoingaccessrequest> TRUE <td>cessRequest></td> <td></td> <td></td>	cessRequest>		
<cugindex>[any CUG index]</cugindex>			
403 Forbidden			
Reason: Q.850;cause=50			
Comments:			
Test equipment (Gm)	AS		
INVITE >			
403 Forbidden			
ACK →			

TSS	TP	CUG reference	Selection expression
CUG/originating_AS/No CUG	CUG_N07_003	clause 4.5.2.4	PICS 4.5.1/2
Test purpose			
No CUG: INVITE without CUG index, unsucces	sful.		
Ensure that the SUT on receipt of an INVITE rec	quest containing an xml	element cug with	
cugCallOperation containing			
outgoingAccessRequest = false,			
rejects the INVITE request by sending a 403 Fo			
Preconditions: Originating user has not subsc	ribed to CUG		
SIP header values:			
INVITE:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE<td>oingAccessRequest></td><td></td><td></td></outgoingaccessrequest>	oingAccessRequest>		
403 Forbidden			
Reason: Q.850;cause=50			
Comments:			
Test equipment (Gm)	AS		
INVITE -			
403 Forbidden			
ACK			

TSS	TP		CUG reference	Selection expression
CUG/originating_AS/No CUG	CUG_N	7_004	clause 4.5.2.4	PICS 4.5.1/2
Test purpose				
No CUG: INVITE without CUG index and with outgoing				
Ensure that the SUT on receipt of an INVITE request c	ontaining	an xml	element cug with	
cugCallOperation containing				
outgoingAccessRequest = true,				
rejects the INVITE request by sending a 403 Forbidder				
Preconditions: Originating user has not subscribed t	o CUG			
SIP header values:				
INVITE:				
<cug></cug>				
<cugcalloperation></cugcalloperation>	-			
<pre><outgoingaccessrequest>TRUE</outgoingaccessrequest>TRUE</pre>	essRequ	est>		
403 Forbidden				
Reason: Q.850;cause=50				
Comments:				
Test equipment (Gm)	AS			
INVITE				
403 Forbidden				
ACK →				

5.2.3 Actions at the AS of the terminating user

5.2.3.1 CUG with OA not allowed

TSS	TP	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA not allowed	CUG_N08_001	clause 4.5.2.10	PICS 4.5.1/2
Fest purpose			
CUG with IA not allowed: INVITE with interlock code	matching registere	ed CUG index and wi	thout outgoing access,
successful.			
Ensure that the SUT on receipt of an INVITE request		element cug with	
cugInterlockBinaryCode related to registered CUC	j Index,		
networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with	nout outgoing acce	266)	
orwards an INVITE request containing no xml element		,,	
Preconditions: Terminating user has subscribed to			
Options for registered CUG index:			
Intra CUG restrictions: None designated (-ICB)			
Options for public identity in use:			
Incoming access: not allowed			
SIP header values:			
NVITE1:			
<cug> <networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator></cug>			
 	UG indexl <td>terlockBinarvCode></td> <td></td>	terlockBinarvCode>	
<ugcommunicationindicator>11</ugcommunicationindicator>			
NVITE2:			
No XML <cug> element</cug>			
Comments: Fest equipment (ISC, Mw)	AS	Test equipmer	ot (Gm)
NVITE1	-	 INVITE2 	
	ТР	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA not allowed	TP CUG_N08_002		Selection expression PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Fest purpose	CUG_N08_002	clause 4.5.2.10	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Fest purpose CUG with IA not allowed and ICB: INVITE with interlo	CUG_N08_002	clause 4.5.2.10	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful.	CUG_N08_002	clause 4.5.2.10	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request	CUG_N08_002	clause 4.5.2.10	PICS 4.5.1/2
TSS CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and	CUG_N08_002	clause 4.5.2.10	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request	CUG_N08_002	clause 4.5.2.10 registered CUG inde	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index:	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Fest purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use:	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values:	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE:	CUG_N08_002 cck code matching containing an xml G index, nout outgoing acce due to incoming c	clause 4.5.2.10 registered CUG inde element cug with ess),	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator></cug>	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[related to registered C</cuginterlockbinarycode></cug>	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interloa access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with ejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: ccug> <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[related to registered C <cugcommunicationindicator>11<td>CUG_N08_002</td><td>clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.</td><td>PICS 4.5.1/2</td></cugcommunicationindicator></cuginterlockbinarycode>	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[related to registered C <cugcommunicationindicator>11<td>CUG_N08_002</td><td>clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.</td><td>PICS 4.5.1/2</td></cugcommunicationindicator></cuginterlockbinarycode></cug>	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interloa access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[related to registered C <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></cug>	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interloa access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cugs <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[related to registered C <cugcommunicationindicator>11<td>CUG_N08_002</td><td>clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.</td><td>PICS 4.5.1/2</td></cugcommunicationindicator></cuginterlockbinarycode></cugs 	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interloa access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cugcommunicationindicator>11</cugcommunicationindicator></cug> 503 Decline Reason: Q.850; cause=55	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interlo access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[related to registered C <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></cug> 503 Decline Reason: Q.850; cause=55 Comments:	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interloa access, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cugcommunicationindicator>11</cugcommunicationindicator></cug> 503 Decline Reason: Q.850; cause=55	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA not allowed and ICB: INVITE with interloaccess, unsuccessful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed to Options for registered CUG index: Intra CUG restrictions: ICB Options for public identity in use: Incoming access: not allowed SIP header values: NVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[related to registered C <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></cug> 603 Decline Reason: Q.850; cause=55 Comments: Test equipment (ISC, Mw)	CUG_N08_002	clause 4.5.2.10 registered CUG inde element cug with ess), alls barred.	PICS 4.5.1/2

	ТР	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA not allowed	CUG_N08_003	clause 4.5.2.10	PICS 4.5.1/2
est purpose			
CUG with IA not allowed: INVITE with interlock code	not matching regist	tered CUG index an	d without outgoing access
nsuccessful.			
nsure that the SUT on receipt of an INVITE request		element cug with	
cugInterlockBinaryCode not related to registered	CUG index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG with			
ejects the INVITE request by sending a 403 Forbidd		ned CUG index.	
Preconditions: Terminating user has subscribed to) CUG		
Options for public identity in use:			
Incoming access: not allowed			
SIP header values:			
NVITE:			
(CUG)			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>		ulu (a da al Dia a m O a d	1-
<cuginterlockbinarycode>[not related to register</cuginterlockbinarycode>		ginteriockBinaryCoc	le>
<cugcommunicationindicator>11<td>ationIndicator></td><td></td><td></td></cugcommunicationindicator>	ationIndicator>		
102 Earbiddon			
403 Forbidden Reason: Q.850;cause=87			
Comments:			
Fest equipment (ISC, Mw)	AS		
NVITE \rightarrow	AG		
403 Forbidden			
ACK -			
<u></u>	ТР	CUG reference	Selection expression
	TP CUG_N08_004	CUG reference clause 4.5.2.10	Selection expression PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed			
CUG/ terminating _AS/CUG with OA not allowed	CUG_N08_004	clause 4.5.2.10	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA allowed: INVITE with interlock code mat	CUG_N08_004	clause 4.5.2.10	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA allowed: INVITE with interlock code man successful.	CUG_N08_004	clause 4.5.2.10 UG index and withou	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Fest purpose CUG with IA allowed: INVITE with interlock code man successful.	CUG_N08_004 tching registered Cl	clause 4.5.2.10 UG index and withou	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Fest purpose CUG with IA allowed: INVITE with interlock code main successful. Ensure that the SUT on receipt of an INVITE request	CUG_N08_004 tching registered Cl	clause 4.5.2.10 UG index and withou	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose CUG with IA allowed: INVITE with interlock code main successful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with	CUG_N08_004 tching registered Cl t containing an xml o G index, hout outgoing acces	clause 4.5.2.10 UG index and without element cug with	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Fest purpose CUG with IA allowed: INVITE with interlock code main successful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with	CUG_N08_004 tching registered Cl t containing an xml o G index, hout outgoing acces	clause 4.5.2.10 UG index and without element cug with	PICS 4.5.1/2
networkIndicator (PIXIT) and	CUG_N08_004 tching registered Cl t containing an xml o G index, hout outgoing access ant cug.	clause 4.5.2.10 UG index and without element cug with	PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Fest purpose CUG with IA allowed: INVITE with interlock code main successful. Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode related to registered CUC networkIndicator (PIXIT) and cugCommunicationIndicator set to "11" (CUG with orwards an INVITE request containing no xml element	CUG_N08_004 tching registered Cl t containing an xml o G index, hout outgoing access ant cug.	clause 4.5.2.10 UG index and without element cug with	PICS 4.5.1/2

Intra CUG restrictions: None designated
Options for public identity in use:
Incoming access: allowed

Test equipment (ISC, Mw) INVITE1	→	AS	→	Test equipment (Gm) INVITE2	
Comments:					
No XML <cug> element</cug>					
INVITE2:					
<cug> <networkindicator>[PIXIT]<!-- networkIndicator -->[PIXIT]<!-- networkIndicator -->[PIXIT]<!-- networkIndicator -->[related <cuginterlockbinarycode>[related <cugcommunicationindicator>11.4 </cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	d to registered			ockBinaryCode>	
INVITE1:					
SIP header values:					
Incoming access: allowed					

		1	
TSS		CUG reference clause 4.5.2.10	Selection expression PICS 4.5.1/2
CUG/ terminating _AS/CUG with OA not allowed Test purpose	CUG_N08_005	clause 4.5.2.10	PICS 4.5.1/2
CUG with IA allowed and ICB: INVITE with interlock	k code matchina reai	stered CUG index a	nd without outgoing access.
unsuccessful.			
Ensure that the SUT on receipt of an INVITE reques	st containing an xml	element cug with	
cugInterlockBinaryCode related to registered CL	JG index,		
networkIndicator (PIXIT) and		`	
cugCommunicationIndicator set to "11" (CUG wi			
rejects the INVITE request by sending a 603 Decline Preconditions: Terminating user has subscribed t		alis barred.	
Options for registered CUG index:	10 CUG		
Intra CUG restrictions: ICB			
Options for public identity in use:			
Incoming access: allowed			
SIP header values:			
INVITE:			
<cug></cug>			
<networkindicator>[PIXIT]</networkindicator>	CLIC index! doublet	arlockBinaryCode	
 <cuginterlockbinarycode>[related to registered</cuginterlockbinarycode> <cugcommunicationindicator>11 </cugcommunicationindicator>		enockbinaryCode>	
603 Decline			
Reason: Q.850; cause=55			
Comments:			
Test equipment (ISC, Mw)	AS		
INVITE → 603 Decline ←			
603 Decline ← ACK →			
TSS	TP	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA not allowed	CUG_N08_006	clause 4.5.2.10	PICS 4.5.1/2
Test purpose CUG with IA allowed: INVITE with interlock code no	t matching registere	d CLIC index and wi	thout outgoing access
unsuccessful.	n matering registere		inour ourgoing access,
Ensure that the SUT on receipt of an INVITE reques	st containing an xml	element cug with	
cugInterlockBinaryCode not related to registered		5	
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG wi	ithout outgoing acce	ss),	
rejects the INVITE request by sending a 403 Forbid		ned CUG Index.	
Preconditions: Terminating user has subscribed t		ned CUG Index.	
Preconditions: Terminating user has subscribed t Options for public identity in use:		ned CUG Index.	
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed		nea CUG Index.	
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed		nea CUG Index.	
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values:		nea CUG Index.	
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator></cug>	to CUG		
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register</cuginterlockbinarycode></networkindicator></cug>	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register <cugcommunicationindicator>11<td>to CUG red CUG index]<td></td><td>e></td></td></cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register</cuginterlockbinarycode></networkindicator></cug>	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register <cugcommunicationindicator>11</cugcommunicationindicator> </cuginterlockbinarycode></networkindicator></cug>	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden Reason: Q.850;cause=87	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden Reason: Q.850;cause=87 Comments:	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden Reason: Q.850;cause=87 Comments: Test equipment (ISC, Mw) INVITE →	to CUG red CUG index] <td></td> <td>e></td>		e>
Preconditions: Terminating user has subscribed t Options for public identity in use: Incoming access: allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to register <cugcommunicationindicator>11</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden Reason: Q.850;cause=87 Comments: Test equipment (ISC, Mw)	to CUG red CUG index] <td></td> <td>e></td>		e>

TSS	TP	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA not allowed	CUG_N08_007	clause 4.5.2.10	PICS 4.5.1/2
Test purpose			
No CUG: INVITE with interlock code and without out	tgoing access, unsu	ccessful.	
Ensure that the SUT on receipt of an INVITE reques	st containing an xml	element cug with	
cugInterlockBinaryCode,			
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "11" (CUG with			
rejects the INVITE request by sending a 403 Forbido		access not allowe	d'.
Preconditions: Terminating user has not subscribe	ed to CUG		
SIP header values:			
INVITE:			
<cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to any CUG ir <cugcommunicationindicator>11<td></td><td>BinaryCode></td><td></td></cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>		BinaryCode>	
403 Forbidden			
Reason: Q.850;cause=87			
Comments:			
Test equipment (ISC, Mw)	AS		
INVITE -			
403 Forbidden			
ACK →			

5.2.3.2 CUG with OA allowed

TSS	TP	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA allowed	CUG_N09_001	clause 4.5.2.10	PICS 4.5.1/2
Test purpose			
CUG with IA not allowed: INVITE with interlock code i	matching registere	d CUG index and w	ith outgoing access,
successful.			
Ensure that the SUT on receipt of an INVITE request		element cug with	
cugInterlockBinaryCode related to registered CUG	G index,		
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG with		1	
forwards an INVITE request containing no xml elemer			
Preconditions: Terminating user has subscribed to	CUG		
Options for registered CUG index:			
Intra CUG restrictions: None designated (-ICB)			
Options for public identity in use:			
Incoming access: not allowed			
SIP header values:			
INVITE1:			
<cug></cug>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
<cuginterlockbinarycode>[related to registered C</cuginterlockbinarycode>		erlockBinaryCode>	
<pre><cugcommunicationindicator>10</cugcommunicationindicator></pre>	ationIndicator>		
INVITE2:			
No XML <cug> element</cug>			
Comments:			
Test equipment (ISC, Mw)	AS	Test equipmer	nt (Gm)
INVITE1	÷	INVITE2	

	TP	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA allowed	CUG_N09_002	clause 4.5.2.10	PICS 4.5.1/2
Test purpose CUG with IA not allowed and ICB: INVITE with interlo	ock code matching	registered CLIG inde	x and with outgoing
access, unsuccessful.	ion oodo matoring		x and min outgoing
Ensure that the SUT on receipt of an INVITE request	containing an xml	element cug with	
cugInterlockBinaryCode related to registered CUC		Ū	
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG with			
rejects the INVITE request by sending a 603 Decline		alls barred.	
Preconditions: Terminating user has subscribed to Options for registered CUG index:	CUG		
Intra CUG restrictions: ICB			
Options for public identity in use:			
Incoming access: not allowed			
SIP header values:			
INVITE:			
<cug></cug>			
<networkindicator>[PIXIT]</networkindicator>		a da al Dia a maño a da	
 <cuginterlockbinarycode>[related to registered C</cuginterlockbinarycode> <cugcommunicationindicator>10 </cugcommunicationindicator>		erlockBinaryCode>	
	allonnulcalor>		
603 Decline			
Reason: Q.850; cause=55			
Comments:			
Test equipment (ISC, Mw)	AS		
603 Decline ← ACK →			
TSS	ТР	CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA allowed	CUG_N09_003	clause 4.5.2.10	PICS 4.5.1/2
Test purpose	not motobing ragio	tared CLIC index and	with outgoing accord
CUG with IA not allowed: INVITE with interlock code	not matching regis	lered COG index and	i with outgoing access,
unsuccessful			
	containing an xml	element cua with	
Ensure that the SUT on receipt of an INVITE request		element cug with	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered networkIndicator (PIXIT) and	CUG index,	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with	CUG index,	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde	CUG index, n outgoing access), en due to not matc	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to	CUG index, n outgoing access), en due to not matc	-	
cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use:	CUG index, n outgoing access), en due to not matc	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed	CUG index, n outgoing access), en due to not matc	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values:	CUG index, n outgoing access), en due to not matc	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbiddo Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE:	CUG index, n outgoing access), en due to not matc	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbiddo Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE:	CUG index, n outgoing access), en due to not matc	-	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbiddo Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registered</cuginterlockbinarycode></networkindicator></cug>	CUG index, n outgoing access), en due to not matc CUG cUG	hed CUG index.	€>
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbiddo Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registered <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	CUG index, n outgoing access), en due to not matc CUG cUG	hed CUG index.	3>
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbiddo Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registered <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	CUG index, n outgoing access), en due to not matc CUG cUG	hed CUG index.	9>
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registered <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	CUG index, n outgoing access), en due to not matc CUG cUG	hed CUG index.	9>
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registered <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	CUG index, n outgoing access), en due to not matc CUG cUG	hed CUG index.	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registere <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden Reason: Q.850; cause=87	CUG index, n outgoing access), en due to not matc CUG cUG	hed CUG index.	
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registere <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden Reason: Q.850; cause=87 Comments:	CUG index, n outgoing access), en due to not matc CUG cUG	hed CUG index.	3>
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[not related to registere <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> 403 Forbidden Reason: Q.850; cause=87 Comments: Test equipment (ISC, Mw) INVITE	CUG index, n outgoing access), <u>en due to not matc</u> CUG ed CUG index]ationIndicator>	hed CUG index.	9>
Ensure that the SUT on receipt of an INVITE request cugInterlockBinaryCode not related to registered of networkIndicator (PIXIT) and cugCommunicationIndicator set to "10" (CUG with rejects the INVITE request by sending a 403 Forbidde Preconditions: Terminating user has subscribed to Options for public identity in use: Incoming access: not allowed SIP header values: INVITE: <cug> <networkindicator>[PIXIT]</networkindicator> <cuginterlockbinarycode>[not related to registere <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></cug> 403 Forbidden Reason: Q.850; cause=87 Comments: Test equipment (ISC, Mw)	CUG index, n outgoing access), <u>en due to not matc</u> CUG ed CUG index]ationIndicator>	hed CUG index.	9>

TSS CUG/ terminating _AS/CUG with OA allowed	TP CUG_N09_004	CUG reference clause 4.5.2.10	Selection expression PICS 4.5.1/2
Test purpose	1000_1009_004	UIDIDUSE 4.3.2.10	T100 4.0.1/2
CUG with IA allowed: INVITE with interlock code	matching registered C	UG index and with o	utaoina access successful
Ensure that the SUT on receipt of an INVITE requ			
cugInterlockBinaryCode related to registered		olonioni odg mar	
networkIndicator (PIXIT) and	,		
cugCommunicationIndicator set to "10" (CUG	with outgoing access)	,	
orwards an INVITE request containing no xml ele		,	
Preconditions: Terminating user has subscribe			
Options for registered CUG index:			
Intra CUG restrictions: None designated (-ICB	5)		
Options for public identity in use:			
Incoming access: allowed			
SIP header values:			
NVITE1:			
<cug></cug>	<i>.</i>		
<networkindicator>[PIXIT]<!-- networkIndicator<br--><cuginterlockbinarycode>[related to registered)</cuginterlockbinarycode></networkindicator>		erlockBinaryCodes	
 <cuginteriockbinarycode>[related to registere</cuginteriockbinarycode> <cugcommunicationindicator>10 </cugcommunicationindicator>		enockolinalyCoue>	
NVITE2:			
No XML <cug> element</cug>			
Comments:			
Гest equipment (ISC, Mw)	AS	Test equipmer	nt (Gm)
NVITE1 →		INVITE2	
		CUG reference	Selection expression
CUG/ terminating _AS/CUG with OA allowed	CUG_N09_005	clause 4.5.2.10	PICS 4.5.1/2
Test purpose CUG with IA allowed and ICB: INVITE with interlo	ock codo motobina roa	istored CLIC index a	nd with outgoing poposs
successful.	ick code matching reg	Islered COG Index a	na with outgoing access,
Ensure that the SUT on receipt of an INVITE requ	lest containing an xml	element cua with	
cugInterlockBinaryCode related to registered		ciciliciti dug with	
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG	with outgoing access)		
orwards an INVITE request containing no xml ele		,	
Preconditions: Terminating user has subscribe	d to CUG		
Options for registered CUG index:			
Intra CUG restrictions: ICB			
Options for public identity in use:			
Incoming access: allowed			
Incoming access: allowed SIP header values:			
Incoming access: allowed SIP header values: NVITE1:			
Incoming access: allowed SIP header values: NVITE1: <cug></cug>			
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<!-- networkIndicator</td--><td></td><td></td><td></td></networkindicator></cug>			
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<!-- networkIndicator<br--><cuginterlockbinarycode>[related to registered)</cuginterlockbinarycode></networkindicator></cug>	ed CUG index] <td>terlockBinaryCode></td> <td></td>	terlockBinaryCode>	
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<cuginterlockbinarycode>[related to registered <cugcommunicationindicator>10<td>ed CUG index]<td>terlockBinaryCode></td><td></td></td></cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	ed CUG index] <td>terlockBinaryCode></td> <td></td>	terlockBinaryCode>	
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<!-- networkIndicator<br--><cuginterlockbinarycode>[related to registered <cugcommunicationindicator>10<td>ed CUG index]<td>terlockBinaryCode></td><td></td></td></cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug>	ed CUG index] <td>terlockBinaryCode></td> <td></td>	terlockBinaryCode>	
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<cuginterlockbinarycode>[related to registered <cugcommunicationindicator>10</cugcommunicationindicator>10101010101010</cuginterlockbinarycode></networkindicator></cug>	ed CUG index] <td>erlockBinaryCode></td> <td></td>	erlockBinaryCode>	
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<cuginterlockbinarycode>[related to registered <cugcommunicationindicator>10</cugcommunicationindicator>10<</cuginterlockbinarycode></networkindicator></cug>	ed CUG index] <td>erlockBinaryCode></td> <td></td>	erlockBinaryCode>	
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<cuginterlockbinarycode>[related to registere <cugcommunicationindicator>10</cugcommunicationindicator></cuginterlockbinarycode></networkindicator></cug> NVITE2: No XML <cug> element</cug>	ed CUG index] <td>erlockBinaryCode></td> <td></td>	erlockBinaryCode>	
Incoming access: allowed SIP header values: NVITE1: <cug> <networkindicator>[PIXIT]<cuginterlockbinarycode>[related to registered <cugcommunicationindicator>10</cugcommunicationindicator>10<</cuginterlockbinarycode></networkindicator></cug>	ed CUG index] <td>terlockBinaryCode></td> <td>nt (Gm)</td>	terlockBinaryCode>	nt (Gm)

SS	TD		Coloction ownroadian
	TP CUG_N09_006	CUG reference clause 4.5.2.10	Selection expression PICS 4.5.1/2
UG/ terminating _AS/CUG with OA allowed	COG_1009_000	Clause 4.5.2.10	FIC3 4.5.1/2
UG with IA allowed: INVITE with interlock code not i	matching registere	d CLIG index and wit	th outgoing access
uccessful.	matering registere		in outgoing access,
nsure that the SUT on receipt of an INVITE request	containing an xml	element cua with	
cugInterlockBinaryCode not related to registered (erennenn eug min	
networkIndicator (PIXIT) and	,		
cugCommunicationIndicator set to "10" (CUG with	outgoing access),		
rwards an INVITE request containing no xml elemer	nt cug.		
reconditions: Terminating user has subscribed to	CUG		
Options for public identity in use:			
Incoming access: allowed			
IP header values:			
IVITE1:			
cug>			
<networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>		alatada du D' O d	_
<cuginterlockbinarycode>[not related to registere</cuginterlockbinarycode>		gInterlockBinaryCode	9>
<cugcommunicationindicator>10<td>ationIndicator></td><td></td><td></td></cugcommunicationindicator>	ationIndicator>		
/cug>			
IVITE2:			
o XML <cug> element</cug>			
omments:			
est equipment (ISC, Mw)	AS	Test equipmen	t (Gm)
IVITE1			· · ·
	TD		
SS		CUG reference	Selection expression
UG/ terminating _AS/CUG with OA allowed	CUG_N09_007	clause 4.5.2.10	PICS 4.5.1/2
o CUG: INVITE with interlock code and with outgoin	222222	ful	
nsure that the SUT on receipt of an INVITE request			
cugInterlockBinaryCode,		ciefficiti cug with	
networkIndicator (PIXIT) and			
cugCommunicationIndicator set to "10" (CUG with	outgoing access).		
rwards an INVITE request containing no xml elemer			
reconditions: Terminating user has not subscribed			
IP header values:			
IP header values: IVITE1:			
IVITE1: cug>			
IVITE1: cug> <networkindicator>[PIXIT]<!-- networkIndicator--></networkindicator>			
IVITE1: cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to any CUG ind</cuginterlockbinarycode></networkindicator>		BinaryCode>	
IVITE1: cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to any CUG ind <cugcommunicationindicator>10<td></td><td>BinaryCode></td><td></td></cugcommunicationindicator></cuginterlockbinarycode></networkindicator>		BinaryCode>	
IVITE1: cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to any CUG ind</cuginterlockbinarycode></networkindicator>		BinaryCode>	
IVITE1: cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to any CUG ind <cugcommunicationindicator>10 /cug></cugcommunicationindicator></cuginterlockbinarycode></networkindicator>		BinaryCode>	
IVITE1: cug> <networkindicator>[PIXIT]<!-- networkIndicator--> <cuginterlockbinarycode>[related to any CUG ind <cugcommunicationindicator>10<td></td><td>BinaryCode></td><td></td></cugcommunicationindicator></cuginterlockbinarycode></networkindicator>		BinaryCode>	

Comments:				
Test equipment (ISC, Mw)		AS		Test equipment (Gm)
INVITE1	→		→	INVITE2

5.2.3.3 No CUG

TSS	TP	CUG reference	Selection expression
CUG/ terminating _AS/No CUG	CUG_N10_001	clause 4.5.2.10	PICS 4.5.1/2
Test purpose			
CUG with IA not allowed: INVITE without xml element	cug, unsuccessfu	<i>II.</i>	
Ensure that the SUT on receipt of an INVITE request of			
rejects the INVITE request by sending a 403 Forbidde			
Preconditions: Terminating user has subscribed to	CUG		
Options for public identity in use:			
Incoming access: not allowed			
SIP header values:			
INVITE:			
No xml element <cug></cug>			
403 Forbidden			
Reason: Q.850;cause=87			
Comments:			
Test equipment (ISC)	AS		
403 Forbidden			
ACK +			
TSS	TP	CUG reference	Selection expression
CUG/ terminating _AS/No CUG	CUG_N10_002	clause 4.5.2.10	PICS 4.5.1/2
Test purpose			
CUG with IA allowed: INVITE without xml element cug			
Ensure that the SUT on receipt of an INVITE request of		element cug,	
forwards an INVITE request containing no xml elemen			
Preconditions: Terminating user has subscribed to Options for public identity in use:	CUG		
Incoming access: allowed			
SIP header values:			
INVITE1:			
No xml element <cug></cug>			
INVITE2:			
No XML <cug> element</cug>			
Comments:			
Test equipment (ISC, Mw) INVITE1 →	AS	Test equipmer	nt (Gm)

5.3 Interaction with other services

5.3.1 Conference calling (CONF)

		1	
TSS	TP	CUG reference	Selection expression
CUG/Services/CONF	CUG_N11_001	clause 4.6.6	PICS 4.7.1/7
Test purpose			
CUG with OA not allowed: First added conferee join			
Ensure that on receipt of an INVITE request contain	ning an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the conference focus allows to join the created con		onferee.	
Preconditions: Originating user has subscribed to			
Options for registered and preferred CUG in			
Intra CUG restrictions: None designated (-OCB))		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
SIP header values:			
INVITE:			
Request Line < conference URI>			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE<td></td><td></td><td></td></outgoingaccessrequest>			
<cugindex>[registered CUG index]<td>ex></td><td></td><td></td></cugindex>	ex>		
Comments:			
Test equipment (Gm)	AS		
	rence is already cre	eated	
INVITE -			
200 OK +			
TSS	TP	CUG reference	Selection expression
CUG/Services/CONF	TP CUG_N11_002	CUG reference clause 4.6.6	Selection expression PICS 4.7.1/7
CUG/Services/CONF Test purpose	CUG_N11_002	clause 4.6.6	
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad	CUG_N11_002	clause 4.6.6 ce, successful.	
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain	CUG_N11_002	clause 4.6.6 ce, successful.	
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ac Ensure that on receipt of an INVITE request contain cugCallOperation containing	CUG_N11_002	clause 4.6.6 ce, successful.	
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ac Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex,	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created contained	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group.	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created cont user group. Preconditions: Originating user has subscribed to	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ac Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG interview.	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ac Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB)	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ac Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use:	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ac Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ac Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values:	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG im Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE:	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""></conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cug></cug></conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cug2 <cugcalloperation></cugcalloperation></cug2 </conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created cont user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cug2 <cugcalloperation=""> cugCallOperation> cugCallOperation> cugCallOperation> cugCallOperation> cugCallOperation> cugCallOperation> cutgoingAccessRequest>FALSE </cug2></conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cug> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index]<td>CUG_N11_002</td><td>clause 4.6.6 ce, successful. cug with</td><td>PICS 4.7.1/7</td></cugindex></outgoingaccessrequest></cugcalloperation></cug></conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cugcalloperation> <ugindex>[registered CUG index]<td>CUG_N11_002</td><td>clause 4.6.6 ce, successful. cug with</td><td>PICS 4.7.1/7</td></ugindex></cugcalloperation></conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugc< td=""><td>CUG_N11_002</td><td>clause 4.6.6 ce, successful. cug with</td><td>PICS 4.7.1/7</td></ugc<></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></cugcalloperation></conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugc< td=""><td>CUG_N11_002</td><td>clause 4.6.6 ce, successful. cug with</td><td>PICS 4.7.1/7</td></ugc<></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></cugcalloperation></conference>	CUG_N11_002	clause 4.6.6 ce, successful. cug with	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in- Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugcalloperation> <ugc< td=""><td>CUG_N11_002 dded to the conference ining an xml element ference as a subseq o CUG dex:) gAccessRequest> ex> AS</td><td>clause 4.6.6 ce, successful. cug with uent conferee and b</td><td>PICS 4.7.1/7</td></ugc<></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></ugcalloperation></cugcalloperation></conference>	CUG_N11_002 dded to the conference ining an xml element ference as a subseq o CUG dex:) gAccessRequest> ex> AS	clause 4.6.6 ce, successful. cug with uent conferee and b	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed to Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index] Comments: Test equipment (ISC, Mw) A confe</cugindex></outgoingaccessrequest></cugcalloperation></conference>	CUG_N11_002 dded to the conferen- hing an xml element ference as a subseq o CUG dex:) gAccessRequest> ex> AS rence is already cre	clause 4.6.6 ce, successful. cug with uent conferee and b	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created cont user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index]Comments: Test equipment (ISC, Mw) A confe A CUG user is a</cugindex></outgoingaccessrequest></cugcalloperation></conference>	CUG_N11_002 dded to the conference ining an xml element ference as a subseq o CUG dex:) gAccessRequest> ex> AS	clause 4.6.6 ce, successful. cug with uent conferee and b	PICS 4.7.1/7
CUG/Services/CONF Test purpose CUG with OA not allowed: Subsequent conferee ad Ensure that on receipt of an INVITE request contain cugCallOperation containing registered CUGIndex, the conference focus allows to join the created con- user group. Preconditions: Originating user has subscribed t Options for registered and preferred CUG in Intra CUG restrictions: None designated (-OCB) Options for public identity in use: Preferential CUG: None designated Outgoing access: not allowed SIP header values: INVITE: Request Line <conference uri=""> <cugcalloperation> <outgoingaccessrequest>FALSE<cugindex>[registered CUG index]Comments: Test equipment (ISC, Mw) A confe</cugindex></outgoingaccessrequest></cugcalloperation></conference>	CUG_N11_002 dded to the conferen- hing an xml element ference as a subseq o CUG dex:) gAccessRequest> ex> AS rence is already cre	clause 4.6.6 ce, successful. cug with uent conferee and b	PICS 4.7.1/7

5.3.2 Communication Diversion Services (CDIV)

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_001	clause 4.6.7.1	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between origina			successful.
Ensure that on receipt of an INVITE request containin	ng an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			6 4
the SUT checks the CUG restrictions for the originatir	ng party and the to	rwarding party and	performs the
Communication Diversion Service CFU.			
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB) Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding Unconditional (CFU)			
Originating party and forwarding party are in the same	e CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
	ccessRequest>		
<cugindex>[registered CUG index]<td>></td><td></td><td></td></cugindex>	>		
Comments:			
Test equipment (Gm)	AS	Test equipme	nt (ISC, Mw)
INVITE1 →			
		INVITE2	

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_002	clause 4.6.7.1	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between originat			J successful.
Ensure that on receipt of an INVITE request containing	g an xml element o	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the originating	g party, the forwar	ding party and the f	orwarded-to party (CFU)
and the communication to the forwarded-to party is su	ccessful.		
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG index	(:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding Unconditional (CFU)			
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Originating party and forwarding party are in the same			
Originating party and forwarded-to party are in the san	ne CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>	D		
<outgoingaccessrequest>FALSE<td></td><td></td><td></td></outgoingaccessrequest>			
<pre><cugindex>[registered CUG index]</cugindex></pre>	•		
Comments:			
Test equipment (Gm)	AS	Test equipme	nt (Gm)
INVITE1 →			
	-	INVITE2	

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_003	clause 4.6.7.1	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between origina			l unsuccessful.
Ensure that on receipt of an INVITE request containing	g an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the originatin			
and the communication to the forwarded-to party is un	successful. The S	UT rejects the INVI	ΓE request by sending a
403 Forbidden due to not matched CUG data.			
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG inde	x:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding Unconditional (CFU)			
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Originating party and forwarding party are in the same			
Originating party and forwarded-to party are in differen	nt CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE</outgoingaccessrequest> FALSE <td></td> <td></td> <td></td>			
<cugindex>[registered CUG index]</cugindex>	>		
403 Forbidden			
Reason: Q.850;cause=87			
Comments:			
Test equipment (Gm)	AS		
INVITE1 →			
402 Forhiddon			
403 Forbidden			
ACK →			

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_004	clause 4.6.7.2	PICS 4.7.1/8
Test purpose		•	
CUG with OA not allowed: Call setup between original	ating party and forw	varding party, CFB	successful.
Ensure that on receipt of an INVITE request containing	ng an xml element o	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the originati	ng party and the for	rwarding party and	performs the
Communication Diversion Service CFB.			
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Busy user (CFB)			
Originating party and forwarding party are in the sam	e CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE</outgoingaccessrequest> FALSE <td></td> <td></td> <td></td>			
<pre><cugindex>[registered CUG index]</cugindex></pre>	(>		
Comments:	.		
	Test equipment (C	im) Te	st equipment (ISC, Mw)
	INVITE2		
	486 Busy Here		
	ACK	•	#TF0
→ →			VITE3

TSS	TP	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_005	clause 4.6.7.2	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between or	riginating party and forw	/arded-to party, CFI	3 successful.
Ensure that on receipt of an INVITE request cont	aining an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the original	inating party, the forwar	ding party and the	orwarded-to party (CFB)
and the communication to the forwarded-to party	is successful.		
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG	index:		
Intra CUG restrictions: None designated (-OC	CB)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Busy user (CI	=B)		
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Originating party and forwarding party are in the			
Originating party and forwarded-to party are in th	e same CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest></pre>			
<cugindex>[registered CUG index]<td>ndex></td><td></td><td></td></cugindex>	ndex>		
Comments:	_		
Test equipment (Gm) AS	Test equipment (G	m) Te	st equipment (Gm)
	INVITE2		
+			
÷	ACK		
		→ IN\	/ITE3

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_006	clause 4.6.7.2	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between origina			unsuccessful.
Ensure that on receipt of an INVITE request containin	g an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the originatin	ig party, the forwar	ding party and the fo	rwarded-to party (CFB)
and the communication to the forwarded-to party is ur	nsuccessful. The S	UT rejects the INVIT	E request by sending a
403 Forbidden due to not matched CUG data.			
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG inde	x:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Busy user (CFB)			
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Originating party and forwarding party are in the same Originating party and forwarded-to party are in different			
SIP header values:			
INVITE1:			
<cug> <cugcalloperation></cugcalloperation></cug>			
 <ugcalloperation></ugcalloperation> <outgoingaccessrequest>FALSE </outgoingaccessrequest>			
 			
	2		
403 Forbidden			
Reason: Q.850;cause=87			
Comments:			
	est equipment (G	m)	
	IVITE2	,	
	Be Busy Here		
	CK		
403 Forbidden			
ACK			

TSS	TP	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_007	clause 4.6.7.3	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between or			R successful.
Ensure that on receipt of an INVITE request conta	aining an xml element o	cug with	
cugCallOperation containing			
registered CUGIndex,			6
the SUT checks the CUG restrictions for the origin	nating party and the foi	warding party and p	performs the
Communication Diversion Service CFNR.			
Preconditions:			
Originating user has subscribed to CUG Options for registered and preferred CUG i	indox.		
Intra CUG restrictions: None designated (-OC			
Options for public identity in use:	0)		
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on no Reply (CFN			
Originating party and forwarding party are in the s	same CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE<td></td><td></td><td></td></outgoingaccessrequest>			
<cugindex>[registered CUG index]<td>idex></td><td></td><td></td></cugindex>	idex>		
Comments: Test equipment (Gm) AS	Test equipment (G	m) Too	st equipment (ISC, Mw)
INVITE1			
t in the second se	180 Ringing		
·	i so i kinging		/ITE3

TSS	T	Ρ	CUG reference	ce Selection expressio
CUG/Services/CDIV	С	UG_N12_008	clause 4.6.7.3	B PICS 4.7.1/8
Test purpose				
CUG with OA not allowed: Call setup bet				CFNR successful.
Ensure that on receipt of an INVITE requ	est containing a	n xml element	cug with	
cugCallOperation containing				
registered CUGIndex,				
the SUT checks the CUG restrictions for	he originating p	arty, the forwa	ding party and	the forwarded-to party (CFNI
and the communication to the forwarded-				
Preconditions:				
Originating user has subscribed to CUG				
Options for registered and preferre	d CUG index:			
Intra CUG restrictions: None designat	ed (-OCB)			
Options for public identity in use:	-			
Preferential CUG: None designated				
Outgoing access: not allowed				
Forwarding user has subscribed to CUG				
Options for public identity in use:				
Incoming access: not allowed				
Forwarding user has subscribed to CDIV				
Communication Forwarding on no Re	oly (CFNR)			
Forwarded-to user has subscribed to CU	G			
Options for public identity in use:				
Incoming access: not allowed				
Originating party and forwarding party are	in the same Cl	JG		
Originating party and forwarded-to party a	are in the same	CUG		
SIP header values:				
INVITE1:				
<cug></cug>				
<cugcalloperation></cugcalloperation>				
<outgoingaccessrequest>FALSE</outgoingaccessrequest>	<td>ssRequest></td> <td></td> <td></td>	ssRequest>		
<cugindex>[registered CUG index</cugindex>]			
Comments:				
Test equipment (Gm) AS		equipment (G	m)	Test equipment (Gm)
INVITE1 →	→ INVIT			
	🗲 180 F	Ringing		
			→	INVITE3

TSS	TP	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_009	clause 4.6.7.3	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between origina			IR unsuccessful.
Ensure that on receipt of an INVITE request containing	g an xml element o	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the originatin			
and the communication to the forwarded-to party is un	successful. The S	UT rejects the INVI	E request by sending a
403 Forbidden due to not matched CUG data. Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG index	.		
Intra CUG restrictions: None designated (-OCB)	. .		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on no Reply (CFNR)			
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed	0110		
Originating party and forwarding party are in the same			
Originating party and forwarded-to party are in differer SIP header values:	il CUG		
INVITE1:			
<pre><cug></cug></pre>			
<cugcalloperation></cugcalloperation>			
 <outgoingaccessrequest>FALSE </outgoingaccessrequest>	ccessRequest>		
<pre><cugindex>[registered CUG index]</cugindex></pre>			
-			
403 Forbidden			
Reason: Q.850;cause=87			
Comments:			
	st equipment (G	m)	
	VITE2		
← 18	0 Ringing		
403 Forbidden			
ACK			

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_010	clause 4.6.7.4	PICS 4.7.1/8
lest purpose			
CUG with OA not allowed: Call setup between orig			successful.
Ensure that on receipt of an INVITE request contain	ining an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,		mu andinan mantu anal m	
he SUT checks the CUG restrictions for the origin Communication Diversion Service CFNL.	ating party and the fo	rwarding party and p	berforms the
Preconditions:			
Originating user has subscribed to CUG Options for registered and preferred CUG ir	dov		
Intra CUG restrictions: None designated (-OCE			
Options for public identity in use:	')		
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Not Logged-in (
Originating party and forwarding party are in the sa	ame CUG		
SIP header values:			
NVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE[registered CUG index]</outgoingaccessrequest></pre>			
Comments:			
Test equipment (Gm)	AS	Test equipmer	nt (ISC, Mw)
INVITE1 →		• •	
	+	INVITE2	

TSS	TP	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_011	clause 4.6.7.4	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between original	ginating party and forv	varded-to party, CFI	VL successful.
Ensure that on receipt of an INVITE request conta	ining an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the origin	ating party, the forwar	rding party and the f	orwarded-to party (CFNL)
and the communication to the forwarded-to party i	s successful.		
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG in			
Intra CUG restrictions: None designated (-OCE	3)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV	/ - - · · · ·		
Communication Forwarding on Not Logged-in	(CFNL)		
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed	0110		
Originating party and forwarding party are in the s			
Originating party and forwarded-to party are in the	same CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSE</pre>			
<cugindex>[registered CUG index]<td>jex></td><td></td><td></td></cugindex>	jex>		
Comments:	46	Test	at (Cm)
Test equipment (Gm) INVITE1 →	AS	Test equipme	nt (GM)
	÷	INVITE2	
	7		

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_012	clause 4.6.7.4	PICS 4.7.1/8
Test purpose		•	
CUG with OA not allowed: Call setup between original	ing party and forw	varded-to party, CFN	IL unsuccessful.
Ensure that on receipt of an INVITE request containing			
cugCallOperation containing	-	-	
registered CUGIndex,			
the SUT checks the CUG restrictions for the originating	g party, the forwar	ding party and the f	orwarded-to party (CFNL)
and the communication to the forwarded-to party is un	successful. The S	UT rejects the INVI	TE request by sending a
403 Forbidden due to not matched CUG data.			
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG index	(:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Not Logged-in (CFI	NL)		
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Originating party and forwarding party are in the same			
Originating party and forwarded-to party are in differer	it CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>	5		
<outgoingaccessrequest>FALSE<td></td><td></td><td></td></outgoingaccessrequest>			
<cugindex>[registered CUG index]</cugindex>			
102 Forbiddon			
403 Forbidden			
Reason: Q.850;cause=87			
Comments:	46		
Test equipment (Gm)	AS		
INVITE1 →			
403 Forbidden			
ACK			

rss	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_013	clause 4.6.7.5	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between origina			successful.
Ensure that on receipt of an INVITE request containin	ng an xml element o	cug with	
cugCallOperation containing			
registered CUGIndex,			
he SUT checks the CUG restrictions for the origination	ng party and the for	warding party and p	performs the
Communication Diversion Service CFNRc.			
Preconditions:			
Driginating user has subscribed to CUG			
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use: Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Subscriber Not Re	achable (CENRc)		
Driginating party and forwarding party are in the sam			
SIP header values:	6000		
NVITE1:			
<cug></cug>			
 <cugcalloperation></cugcalloperation> 			
 <outgoingaccessrequest>FALSE </outgoingaccessrequest>	AccessRequest>		
<cugindex>[registered CUG index]<td></td><td></td><td></td></cugindex>			
Comments:			
	est equipment (Gi	m) Tes	st equipment (ISC, Mw)
	VITE2	,	······
		→ IN\	/ITE3

TSS	TP	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_014	clause 4.6.7.5	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup betw			NRc successful.
Ensure that on receipt of an INVITE reque	st containing an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the	ne originating party, the forwar	rding party and the f	forwarded-to party (CFNRc)
and the communication to the forwarded-to	o party is successful.		
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred	I CUG index:		
Intra CUG restrictions: None designate	ed (-OCB)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Subscr			
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Originating party and forwarding party are			
Originating party and forwarded-to party a	re in the same CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE<</outgoingaccessrequest>			
<cugindex>[registered CUG index]</cugindex>			
Comments:			
Test equipment (Gm) AS	Test equipment (G	m) Tes	st equipment (Gm)
INVITE1 →	INVITE2		
		_	
		→ IN\	/ITE3

TSS	ТР	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_015	clause 4.6.7.5	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup between origination			IRc unsuccessful.
Ensure that on receipt of an INVITE request containing	g an xml element o	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the originating			
and the communication to the forwarded-to party is un	successful. The S	UT rejects the INVIT	E request by sending a
403 Forbidden due to not matched CUG data.			
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CUG index	K:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Forwarding user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Forwarding user has subscribed to CDIV			
Communication Forwarding on Subscriber Not Rea	achable (CFNRc)		
Forwarded-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Originating party and forwarding party are in the same			
Originating party and forwarded-to party are in differer	nt CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
	-		
<outgoingaccessrequest>FALSE<td></td><td></td><td></td></outgoingaccessrequest>			
<cugindex>[registered CUG index]</cugindex>			
<cugindex>[registered CUG index]</cugindex> 			
<cugindex>[registered CUG index]</cugindex> 			
<cugindex>[registered CUG index]</cugindex> 			
<cugindex>[registered CUG index]</cugindex> 			
<cugindex>[registered CUG index]</cugindex> 403 Forbidden Reason: Q.850;cause=87			
<cugindex>[registered CUG index]</cugindex> 403 Forbidden Reason: Q.850;cause=87 Comments:	· · ·		
<cugindex>[registered CUG index]</cugindex> 403 Forbidden Reason: Q.850;cause=87 Comments: Test equipment (Gm) AS Te	est equipment (Gi	n) Tes	t equipment (Gm)
<cugindex>[registered CUG index]</cugindex> 403 Forbidden Reason: Q.850;cause=87 Comments: Test equipment (Gm) AS Te	· · ·	n) Tes	t equipment (Gm)
<cugindex>[registered CUG index]</cugindex> 403 Forbidden Reason: Q.850;cause=87 Comments: Test equipment (Gm) AS Te	est equipment (Gi	n) Tes	t equipment (Gm)

TSS			ТР	CUG referen		Selection expression
CUG/Services/CDIV			CUG_N12_016	clause 4.6.7.6	6	PICS 4.7.1/8
Test purpose CUG with OA not allowed: (Ensure that on receipt of ar cugCallOperation conta registered CUGInde the SUT checks the CUG re Diversion Service CD. Preconditions: Originating user has subscr Options for registered Intra CUG restrictions: N Options for public ider Preferential CUG: None Outgoing access: not al Forwarding user has subscr Options for public ider Incoming access: not al Deflecting user has subscri	INVITE request of ining x, estrictions for the of ibed to CUG and preferred C None designated (ntity in use: designated lowed ribed to CUG ntity in use: lowed bed to CDIV	originat	nating party and defli ing an xml element of ing party and the de	ecting party, C cug with	D succe	essful.
Communication Deflecti Driginating party and deflect		ne sam	e CUG			
SIP header values: INVITE1: <cug> <cugcalloperation> <outgoingaccessre <cugindex>[register </cugindex></outgoingaccessre </cugcalloperation> </cug>	quest>FALSE <td>utgoing</td> <td>AccessRequest></td> <td></td> <td></td> <td></td>	utgoing	AccessRequest>			
Comments: Test equipment (Gm) INVITE1	AS →	→ ← ^ ← ;	Test equipment (Gr INVITE2 180 Ringing 302 Moved Tempora ACK		Test	equipment (ISC, Mw)
				→	INVIT	E3

TSS	TP	CUG reference	Selection expression
CUG/Services/CDIV	CUG_N12_017	clause 4.6.7.6	PICS 4.7.1/8
Test purpose			
CUG with OA not allowed: Call setup betweer	n originating party and forw	arded-to party, CD	successful.
Ensure that on receipt of an INVITE request c	containing an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the o		ting party and the d	eflected-to party (CD) and
the communication to the deflected-to party is	s successful.		
Preconditions:			
Originating user has subscribed to CUG			
Options for registered and preferred CL	JG index:		
Intra CUG restrictions: None designated (-	-OCB)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Deflecting user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed			
Deflected-to user has subscribed to CUG			
Options for public identity in use:			
Incoming access: not allowed	0.10		
Originating party and deflecting party are in th			
Originating party and deflected-to party are in	the same CUG		
SIP header values:			
INVITE1:			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest>FALSE</pre>			
<cugindex>[registered CUG index]<td>ugindex></td><td></td><td></td></cugindex>	ugindex>		
Comments: Test equipment (Gm) AS	Toot onuinment (C	m) Ta	at aquipment (Cm)
Test equipment (Gm) AS	Test equipment (Gi → INVITE2	ing les	st equipment (Gm)
	 ✓ INVITE2 ✓ 180 Ringing 		
	 ← 302 Moved Tempora 	arily	
	 → ACK 	arny	

TSS			ТР	CUG reference	Selection expression
CUG/Services/CDIV			CUG_N12_018	clause 4.6.7.6	PICS 4.7.1/8
Test purpose					
CUG with OA not allowed:					unsuccessful.
Ensure that on receipt of a		containin	g an xml element o	cug with	
cugCallOperation conta					
registered CUGInde					
the SUT checks the CUG r	estrictions for the	originatin	g party, the deflec	ting party and the d	eflected-to party (CD) and
the communication to the c		s unsucc	essful. The SUT re	ejects the INVITE re	quest by sending a 403
Forbidden due to not matc	hed CUG data.				
Preconditions:					
Originating user has subsc					
Options for registered			x:		
Intra CUG restrictions:		(-OCB)			
Options for public ide					
Preferential CUG: None					
Outgoing access: not a					
Deflecting user has subscr					
Options for public ide					
Incoming access: not a					
deflected-to user has subs					
Options for public ide	ntity in use:				
Incoming access: not a	llowed				
Originating party and defle					
Originating party and defle	cted-to party are in	n differen	t CUG		
SIP header values:					
INVITE1:					
<cug></cug>					
<cugcalloperation></cugcalloperation>					
<outgoingaccessre< td=""><td></td><td></td><td></td><td></td><td></td></outgoingaccessre<>					
<cugindex>[register</cugindex>	red CUG index] <td>cugIndex:</td> <td>></td> <td></td> <td></td>	cugIndex:	>		
403 Forbidden					
Reason: Q.850;cause=	:87				
Comments:					
Test equipment (Gm)	AS		est equipment (Gi	m)	
INVITE1	→		VITE2		
			30 Ringing		
			2 Moved Tempora	arily	
		→ A0	CK		
403 Forbidden	÷				
ACK	→				

5.3.3 Explicit Communication Transfer (ECT)

TSS	TP	CUG reference	Selection expression
CUG/Services/ECT	CUG_N13_001	clause 4.6.7.10	PICS 4.7.1/9
Test purpose			
CUG with OA not allowed: Communication transfer - t	ransferor and tra	nsferee in the same C	CUG, successful.
Ensure that on receipt of an INVITE request containing	g an xml element	t cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the transferor	r and the transfei	ee. The communicati	on is successful
Preconditions:			
Transferor has subscribed to CUG			
Options for registered and preferred CUG index	x:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Transferee has subscribed to CUG			
Options for registered and preferred CUG index	x:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Transferor and transferee are in the same CUG			
SIP header values:			
INVITE:			
Request Line < conference URI>			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE</outgoingaccessrequest> FALSE <td></td> <td></td> <td></td>			
<cugindex>[registered CUG index]</cugindex>	>		
Comments:			
Test equipment (Gm)	AS	Test equipmen	nt (Gm)
INVITE -		→ INVITE	
180 Ringing		 180 Ringing 	
200 OK 🗲		€ 200 OK	
ACK →	•	ACK	

TSS	TP	CUG reference	Selection expression
CUG/Services/ECT	CUG_N13_001	clause 4.6.7.10	PICS 4.7.1/9
Test purpose			
CUG with OA not allowed: Call Communication tra	nsfer transferee and	transfer target in the	same CUG, successful
blind transfer.		-	
Ensure that on receipt of an INVITE request contai	ning an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the transf	eree and the transfer	target and performs	the Communication
transfer Service (Blind transfer).			
Preconditions:			
Transferor has subscribed to CUG			
Options for registered and preferred CUG ir			
Intra CUG restrictions: None designated (-OCB	5)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Transferee has subscribed to CUG			
Options for registered and preferred CUG in			
Intra CUG restrictions: None designated (-OCB	<i>(</i>)		
Options for public identity in use: Preferential CUG: None designated			
Outgoing access: not allowed			
Transferor and transferee are in the same CUG			
SIP header values:			
INVITE1:			
Request Line <conference uri=""></conference>			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<pre><outgoingaccessrequest>FALSE</outgoingaccessrequest></pre>	aAccessRequest>		
<pre><cugindex>[registered CUG index]</cugindex></pre>			
Comments:			
Test equipment (Gm) AS	Test equipment (G	m) Tes	st equipment (ISC, Mw)
A communication betwe			
REFER →			
202 Accepted			
BYE ->			
200 OK (BYE) 🗲			

TSS	TP	CUG reference	Selection expression
CUG/Services/ECT	CUG_N13_001	clause 4.6.7.10	PICS 4.7.1/9
Test purpose			
CUG with OA not allowed: Call Commun.	cation transfer transferee and t	ransfer target in the	e same CUG, successful
assured transfer.			
Ensure that on receipt of an INVITE requ	est containing an xml element c	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for	the transferee and the transfer t	target and performs	s the Communication
transfer Service (assured transfer).			
Preconditions:			
Transferor has subscribed to CUG			
Options for registered and preferre			
Intra CUG restrictions: None designat	ed (-OCB)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Transferee has subscribed to CUG			
Options for registered and preferre			
Intra CUG restrictions: None designat	ed (-OCB)		
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed	0110		
Transferor and transferee are in the same	e CUG		
SIP header values:			
INVITE1:			
Request Line < conference URI>			
<cug></cug>			
<cugcalloperation></cugcalloperation>			
<outgoingaccessrequest>FALSE</outgoingaccessrequest>			
<cugindex>[registered CUG index</cugindex>]		
Comments:	Test southers at (Or	w) T -	
Test equipment (Gm) AS			st equipment (ISC, Mw)
	on between transferor and tra	insieree aiready e	
202 Accepted			
		INVITE1 → INV	/ITE2

TSS	ТР	CUG reference	Selection expression
CUG/Services/ECT	CUG_N13_001	clause 4.6.7.10	PICS 4.7.1/9
Test purpose	•		
CUG with OA not allowed: Call Communication transi	fer transferee and	transfer target in the	same CUG, successful
consultative transfer.		U U	
Ensure that on receipt of an INVITE request containin	ng an xml element	cug with	
cugCallOperation containing			
registered CUGIndex,			
the SUT checks the CUG restrictions for the transfere	e and the transfer	target and performs	the Communication
transfer Service (assured transfer).			
Preconditions:			
Transferor has subscribed to CUG			
Options for registered and preferred CUG inde	X:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Transferee has subscribed to CUG			
Options for registered and preferred CUG inde	ex:		
Intra CUG restrictions: None designated (-OCB)			
Options for public identity in use:			
Preferential CUG: None designated			
Outgoing access: not allowed			
Transferor and transferee are in the same CUG SIP header values:			
SIP header values: INVITE1:			
Request Line <conference uri=""></conference>			
•			
<cug> <cugcalloperation></cugcalloperation></cug>			
 <outgoingaccessrequest>FALSE </outgoingaccessrequest>	crassRanuast>		
 <cugindex>[registered CUG index]</cugindex> 			
Comments:			
	est equipment (G	m) Teo	st equipment (ISC, Mw)
A communication between			
A communication between tr			
REFER			
202 Accepted			
·			

History

	Document history				
V1.1.1	July 2013	Publication			
V2.1.1	January 2019	Publication			