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SERIES Q: SWITCHING AND SIGNALLING

Testing specifications – Testing specifications for SIP-IMS

**Originating identification presentation and
originating identification restriction using IP
multimedia core network subsystem;
Conformance testing – Part 2: Network side;
Test suite structure and test purposes**

Recommendation ITU-T Q.4002.2

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Recommendation ITU-T Q.4002.2

Originating identification presentation and originating identification restriction using IP multimedia core network subsystem; Conformance testing – Part 2: Network side; Test suite structure and test purposes

Summary

Recommendation ITU-T Q.4002.2 v.1 (2016) is part 2 of the testing specifications for originating identification presentation/originating identification restriction (OIP/OIR) services implemented on IP multimedia subsystem (IMS) basis on the network side. The Recommendation specifies the test suite structure and test purposes (TSS&TP) which can be used for testing against Recommendation ITU-T Q.3618 v.1, *"Originating identification presentation and originating identification restriction using IP multimedia core network subsystem – Protocol specification"*.

The version number, v.1, indicates that this is version one of Recommendation ITU-T Q.4002.2 and that it relates to Release 10 of the relevant 3GPP/ETSI standard.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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Keywords

IP multimedia subsystem, IMS, network side, originating identification presentation, OIP, originating identification restriction, OIR, protocol implementation conformance statement, PICS, session description protocol, SDP, session initiation protocol, SIP, testing, user side.

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

FOREWORD

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

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

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Recommendation ITU-T Q.4002.2

Originating identification presentation and originating identification restriction using IP multimedia core network subsystem; Conformance testing – Part 2: Network side; Test suite structure and test purposes

1 Scope

This Recommendation provides the network related test suite structure and test purposes (TSS&TP) related originating identification presentation (OIP) supplementary service and the originating identification restriction (OIR) supplementary services defined in [ITU-T Q.3618 v.1].

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

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

2 References

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

- | | |
|----------------------|---|
| [ITU-T Q.3618 v1] | Recommendation ITU-T Q.3618 v.1 (2016), <i>Originating identification presentation and originating identification restriction using IP multimedia core network subsystem – Protocol specification</i> . |
| [ITU-T Q.4002.1 v.1] | Recommendation ITU-T Q.4002.1 v.1 (2016), <i>Originating identification presentation and originating identification restriction using IP multimedia core network subsystem; Conformance testing – Part 1: Network side and user side; Protocol implementation conformance statement</i> . |
| [ITU-T X.290] | Recommendation ITU-T X.290 (1995), <i>OSI conformance testing methodology and framework for protocol Recommendations for ITU-T applications – General concepts</i> . |
| [IETF RFC 3323] | IETF RFC 3323 (2002), <i>A Privacy Mechanism for the Session Initiation Protocol (SIP)</i> . |

3 Definitions

For the purposes of this Recommendation, the terms and definitions given in [ITU-T Q.3618 v.1] and the following apply:

- 3.1 implementation under test (IUT):** Refer to [ITU-T X.290].
- 3.2 pics proforma:** Refer to [ITU-T X.290].
- 3.3 point of control and observation:** Refer to [ITU-T X.290].
- 3.4 protocol implementation conformance statement (PICS):** Refer to [ITU-T X.290].

3.5 system under test (SUT): Refer to [ITU-T X.290].

3.6 test purpose (TP): Refer to [ITU-T X.290].

NOTE – This may contain additional information.

4 Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

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

5 Test suite structure (TSS)

Network		
	AS_OrigUser	OIP_N01_xxx
	AS_TermUser	OIP_N02_xxx

Figure 5-1 – Test suite structure

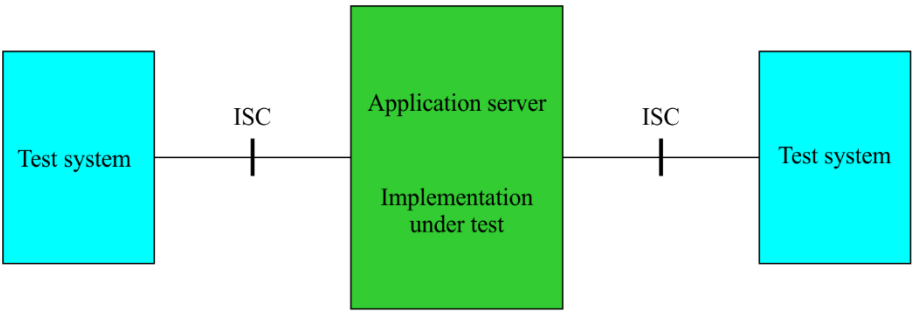
5.1 Configuration

The scope of the current Recommendation is to test the signalling and procedural aspects of stage 3 requirements as described in [ITU-T Q.3618 v.1]. The stage 3 description defines 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:

5.1.1 Testing of the AS

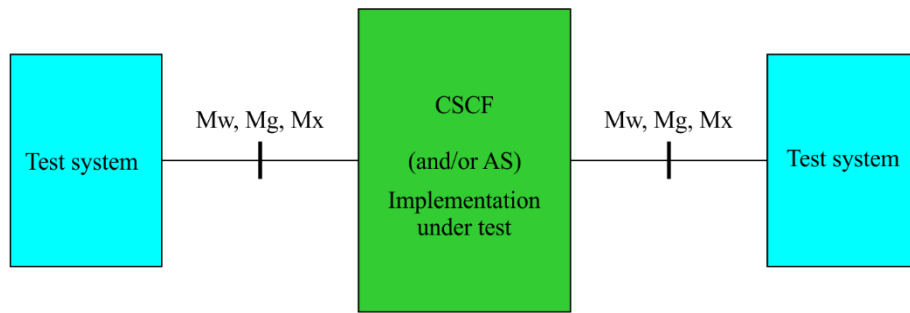
The AS entity is responsible for performing and managing services. The ISC interface is the appropriate access point for testing.



Q.4002.2v1(16)_F5.1.1-1

Figure 5.1.1-1 – Applicable interface to test AS functionalities

If the ISC interface is not accessible it is also possible to perform the test of the AS using any NNI (Mw, Mg, Mx) interface (see Figure 5.1.1-2). 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.



Q.4002.2v1(16)_F5.1.1-2

Figure 5.1.1-2 – Applicable interfaces for tests using a (generic) NNI interface

6 Test purposes (TP)

6.1 Introduction

For each test requirement a TP is defined.

6.1.1 TP naming convention

Test purposes (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 6.1.1-1).

Table 6.1.1-1 – TP identifier naming convention scheme

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

6.1.2 Test strategy

As the base Recommendation [ITU-T Q.3618 v.1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the protocol implementation conformance statement (PICS) specification which are specified in [ITU-T Q.4002.1 v.1].

6.2 User TPs for OIP and OIR

All PICS items referred to in this clause are as specified in Recommendation [ITU-T Q.4002.1 v.1] unless indicated otherwise by another numbered reference.

6.2.1 Actions at the AS serving the originating user

TSS Network/AS_OrigUser	TP OIP_N01_001	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/4
Test purpose: <i>The AS includes a Privacy header field in permanent mode.</i> Ensure that the IUT, on receipt of an INVITE without a Privacy header or a privacy header value not "id" or "header", transmits an INVITE with a Privacy header set to "id" or "header".			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode .			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_002	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/4
Test purpose: <i>The AS removes Privacy header field "none" in permanent mode.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to "none", transmits an INVITE with only one Privacy header set to "id" or "header". The Privacy header value "none" is removed.			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode .			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_003	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/1 AND PICS 5.3/4
Test purpose: <i>The AS anonymizes the identity in permanent mode.</i> Ensure that the IUT, on receipt of an INVITE, transmits an INVITE with a Privacy header set to "user" or transmits an INVITE with the From header anonymized.			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode .			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_004	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS includes a Privacy header field in temporary mode, restricted.</i> Ensure that the IUT, on receipt of an INVITE without Privacy header, transmits an INVITE with a Privacy header set to "id" or "header".			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default presentation restricted . The subscription option Restriction is set to 'restrict the asserted identity'.			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_005	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS includes a Privacy header field in temporary mode, restricted.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header present set to a value other than " none ", transmits an INVITE with a Privacy header set to " id " or " header ".			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default presentation restricted . The subscription option Restriction is set to 'restrict the asserted identity'.			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>→</div> <div>→</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>←</div> <div></div> </div>			

TSS Network/AS_OrigUser	TP OIP_N01_006	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/1 AND PICS 5.3/5
Test purpose: <i>The AS anonymizes the identity in temporary mode, restricted.</i> Ensure that the IUT, on receipt of an INVITE and no Privacy header is present, transmits an INVITE with the From header anonymized or add a Privacy header value " user ".			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default restricted .			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>→</div> <div>→</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>←</div> <div></div> </div>			

TSS Network/AS_OrigUser	TP OIP_N01_007	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/1 AND PICS 5.3/5
Test purpose: <i>The AS anonymizes the identity in temporary mode, restricted.</i> Ensure that the IUT, on receipt of an INVITE and a Privacy header present set to " id ", transmits an INVITE with the From header anonymized or add the value " user " to the Privacy header.			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default restricted .			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>→</div> <div>→</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>←</div> <div></div> </div>			

TSS Network/AS_OrigUser	TP OIP_N01_008	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/1 AND PICS 5.3/5
Test purpose: <i>The AS anonymizes the identity in temporary mode, restricted.</i> Ensure that the IUT, on receipt of an INVITE and a Privacy header present set to " header ", transmits an INVITE with the From header anonymized or add the value " user " to the Privacy header.			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default restricted .			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>→</div> <div>→</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>←</div> <div></div> </div>			

TSS Network/AS_OrigUser	TP OIP_N01_009	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS does not anonymize the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE without a Privacy header, transmits an INVITE and the From header is not anonymized or the Privacy header if present does not contain the value " user ".			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default not restricted .			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_010	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS does not anonymize the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to " none ", transmits an INVITE and the From header is not anonymized or the Privacy header does not contain the value " user ".			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default not restricted .			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_011	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS anonymizes the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to " id ", transmits an INVITE with the From header anonymized or add the value " user " to the Privacy header.			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default not restricted .			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_012	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS anonymizes the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to " header ", transmits an INVITE with the From header anonymized or add the value " user " to the Privacy header.			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default not restricted .			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> ← </div>			

TSS Network/AS_OrigUser	TP OIP_N01_013	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS replaces the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE the From header containing an identity which is not one of the originating user's registered public identities, transmits an INVITE with the From header containing the default public user identity of the originating user.			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default not restricted .			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test equipment INVITE 100 Trying </div> <div> → AS → ← </div> <div> Test equipment INVITE </div> </div>			

TSS Network/AS_OrigUser	TP OIP_N01_014	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/3 AND PICS 5.3/5
Test purpose: <i>The AS replaces the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE the From header containing an identity which is not one of the originating user's registered public identities, transmits an INVITE with the From header containing the default public user identity of the originating user.			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default not restricted . The originating user has not subscribed to the " no screening " special arrangement .			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test equipment INVITE 100 Trying </div> <div> → AS → ← </div> <div> Test equipment INVITE </div> </div>			

TSS Network/AS_OrigUser	TP OIP_N01_015	OIP reference clause 4.5.2.4 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/5
Test purpose: <i>The AS leaves the identity unchanged in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE without a Privacy header, transmits an INVITE with the From header unchanged.			
Preconditions: The originating user has subscribed to the OIR service in the temporary mode with default not restricted . The originating user has subscribed to the " no screening " special arrangement .			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test equipment INVITE 100 Trying </div> <div> → AS → ← </div> <div> Test equipment INVITE </div> </div>			

6.2.2 Actions at the AS serving the terminating UE

TSS Network/AS_TermUser	TP OIP_N02_001	OIP reference clause 4.5.2.9 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2
Test purpose: <i>The terminating user does not subscribe to the OIP service.</i> Ensure that the IUT, on receipt of an INVITE with a P-Asserted-Identity header, transmits an INVITE without P-Asserted-Identity header.			
Preconditions: Terminating user does not subscribe to OIP service			
Comments: <div style="display: flex; justify-content: space-between;"> <div> Test Equipment INVITE 100 Trying </div> <div> → AS → ← </div> <div> Test Equipment INVITE </div> </div>			

TSS Network/AS_TermUser	TP OIP_N02_002	OIP reference clause 4.5.2.9 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/6
Test purpose: <i>The terminating user does not subscribe to the OIP service, the AS anonymizes the contents of the From header.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header and a P-Asserted-Identity header, transmits an INVITE without P-Asserted-Identity header and with the From header set to a default non-significant value.			
Preconditions: Terminating user does not subscribe to OIP service. The IUT anonymize the contents of the From header.			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test Equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test Equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> ← </div>			

TSS Network/AS_TermUser	TP OIP_N02_003	OIP reference clause 4.5.2.9 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/8
Test purpose: <i>The terminating user does not subscribe to the OIP service.</i> Ensure that the IUT, on receipt of an INVITE with a privacy header and a P-Asserted-Identity header, transmits an INVITE without a Privacy header.			
Preconditions: Terminating user does not subscribe to OIP service			
Comments: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;"> Test Equipment INVITE 100 Trying </div> <div style="text-align: center;"> AS </div> <div style="text-align: left;"> Test Equipment INVITE </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> → → </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> ← </div>			

TSS Network/AS_TermUser	TP OIP_N02_004	OIP reference clause 4.5.2.9 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/7
Test purpose: <i>Terminating user has the override category.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to the value "id" or "header" and a P-Asserted-Identity header, transmits an INVITE with the P-Asserted-Identity header.			
Preconditions: Terminating user subscribes to OIP service. Terminating user has an override category.			
Comments: <div> <div> Test Equipment INVITE 100 Trying </div> <div> → ← </div> <div> AS </div> <div> → </div> <div> Test Equipment INVITE </div> </div>			

TSS Network/AS_TermUser	TP OIP_N02_005	OIP reference clause 4.5.2.9 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/7 AND PICS 5.3/8
Test purpose: <i>Terminating user has the override category.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to the value "id " or "header " and a P-Asserted-Identity header, transmits an INVITE without Privacy header and with the P-Asserted-Identity header.			
Preconditions: Terminating user subscribes to OIP service.			
Comments: <div> <div> Test Equipment INVITE 100 Trying </div> <div> → ← </div> <div> AS </div> <div> → </div> <div> Test Equipment INVITE </div> </div>			

TSS Network/AS_TermUser	TP OIP_N02_005	OIP reference clause 4.5.2.9 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/7
Test purpose: <i>Privacy value is set to "id".</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header value set to "id" and a P-Asserted-Identity header, transmits an INVITE with Privacy header "id" and with the P-Asserted-Identity header.			
Preconditions: Terminating user subscribes to OIP service.			
Comments: <div> <div> Test Equipment INVITE 100 Trying </div> <div> → ← </div> <div> AS </div> <div> → </div> <div> Test Equipment INVITE </div> </div>			

TSS Network/AS_TermUser	TP OIP_N02_005	OIP reference clauses 4.5.2.9 of ITU-T Q.3618 v.1], 5.1 of [IETF RFC 3323]	Selection expression PICS 5.1/2
Test purpose: <i>Privacy value is set to "header".</i> The IUT receives an INVITE message with the Privacy header value set to " header ". Ensure that the received Via header field identifying the originating user and the Record-Route field are stripped from the outgoing INVITE request.			
Preconditions: Terminating user subscribes to OIP service.			
SIP header: INVITE1: Via: <identity of originating user>; branch=z9hG4... Contact: <identity of originating user> Record-Route: <identity of originating user> INVITE2 : Contact: <no identity of originating user> Privacy: id			
Comments: <div> <div> Test Equipment INVITE1 100 Trying </div> <div>→</div> <div>AS</div> <div>→</div> <div> Test Equipment INVITE2 </div> </div>			

TSS Network/AS_TermUser	TP OIP_N02_005	OIP reference clauses 4.5.2.9 of [ITU-T Q.3618 v.1] 5.1 of [IETF RFC 3323]	Selection expression PICS 5.1/2
Test purpose: <i>Privacy value is set to "header".</i> The IUT receives an INVITE with a Privacy header value set to " user ". Ensure that the received Subject, Call-Info, Organization, User-Agent, Reply-To fields and the In-Reply-To header identifying the originating user are removed from the outgoing INVITE request.			
Preconditions: Terminating user subscribes to OIP service.			
SIP header: INVITE1: Subject: <identity of originating user> Call-Info: <identity of originating user> Organization: <identity of originating user> User-Agent: <identity of originating user> Reply-To: <identity of originating user> In-Reply-To: <identity of originating user> INVITE2 :			
Comments: <div> <div> Test Equipment INVITE1 100 Trying </div> <div>→</div> <div>AS</div> <div>→</div> <div> Test Equipment INVITE2 </div> </div>			

TSS Network/AS_TermUser	TP OIP_N02_005	OIP reference clause 4.5.2.9 of [ITU-T Q.3618 v.1]	Selection expression PICS 5.1/2 AND PICS 5.3/7
Test purpose: <i>Terminating user has the override category.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header and a P-Asserted-Identity header, transmits an INVITE without Privacy header and with the P-Asserted-Identity header.			
Preconditions: Terminating user does subscribe to OIP service.			
Comments: <div> <div> Test Equipment INVITE 100 Trying </div> <div> → ← </div> <div> AS </div> <div> → </div> <div> Test Equipment INVITE </div> </div>			

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