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Technical Specification

**Technical Committee for IMS Network Testing (INT);
Originating Identification Presentation (OIP) and
Originating Identification Restriction (OIR) using
IP Multimedia (IM) Core Network (CN) subsystem;
Conformance Testing;
Part 2: Test Suite Structure and Test Purposes (TSS&TP)**



Reference

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Keywords

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Foreword

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

The present document is part 2 of a multi-part deliverable covering Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) as identified below:

- Part 1: "Protocol Implementation Conformance Statement (PICS)";
- Part 2: "Test Suite Structure and Test Purposes (TSS&TP)";**
- Part 3: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT)".

1 Scope

The present document specifies the Test Suite Structure and Test Purposes (TSS&TP) for the Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) NGN Basic Service, TS 124 607 [1].

A further part of the present document specifies the Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma based on the present document.

Within the TISPAN NGN Release 1 Next Generation Network (NGN) the stage 3 description is specified using the IP-Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP).

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

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

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2.1 Normative references

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

- [1] ETSI TS 124 607 (V8.4.0): "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.607 version 8.4.0 Release 8)".
- [2] ETSI TS 186 006-1: "Telecommunications and Internet Converged Services and Protocols for Advanced Networking (TISPAN); Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) Part 1: Protocol Implementation Conformance Statement (PICS)".
- [3] IETF RFC 3323: "A Privacy Mechanism for the Session Initiation Protocol (SIP)".

2.2 Informative references

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

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

3 Definitions and abbreviations

3.1 Definitions

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

Abstract Test Suite (ATS): Refer to ISO/IEC 9646-1 [i.1].

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

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

point of control and observation: Refer to ISO/IEC 9646-1 [i.1].

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

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

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

3.2 Abbreviations

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

NNI	Network-Network Interface
TSS	Test Suite Structure

4 Test Suite Structure (TSS)

User	CallingUser	OIP_U01_xxx
	CalledUser	OIP_U02_xxx
Network	AS_OrigUser	OIP_N01_xxx
	AS_TermUser	OIP_N02_xxx

Figure 1: Test suite structure

4.1 Configuration

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

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

4.1.1 Testing of the AS

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

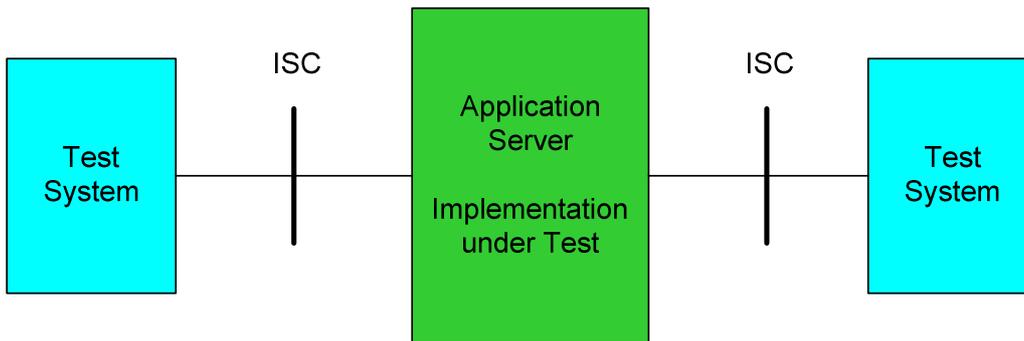


Figure 2: Applicable interface to test AS functionalities

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 3). 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.

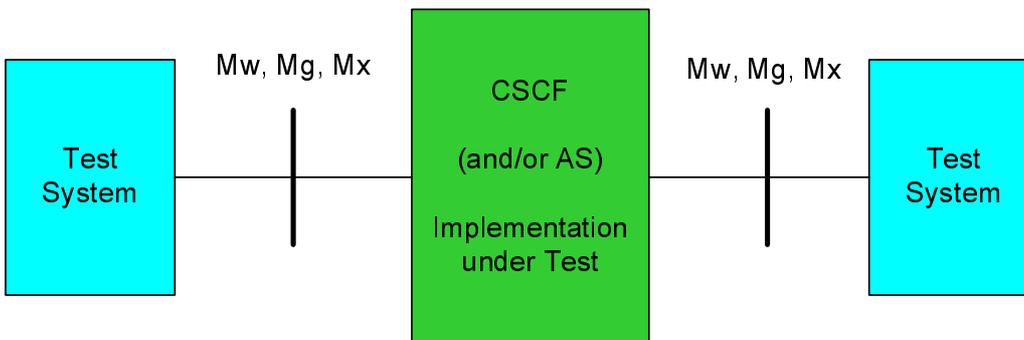


Figure 3: Applicable interfaces for tests using a (generic) NNI interface

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 has been chosen.

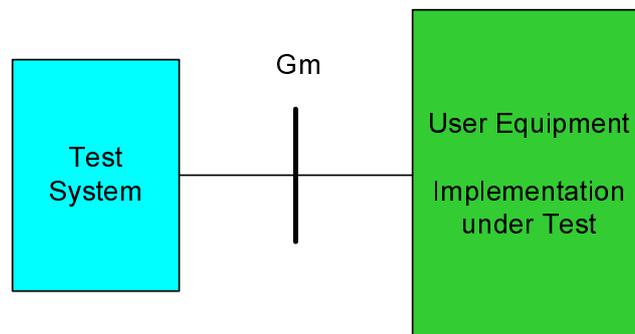


Figure 4: Applicable configuration to test UE functionalities

5 Test Purposes (TP)

5.1 Introduction

For each test requirement a TP is defined.

5.1.1 TP naming convention

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

Table 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)

5.1.2 Test strategy

As the base standard TS 124 607 [1] contains no explicit requirements for testing, the TPs were generated as a result of an analysis of the base standard and the PICS specification TS 186 006-1 [2]. The criteria applied include the following:

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

5.2 User TPs for OIP and OIR

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

5.2.1 Calling user

TSS	TP	OIP reference	Selection expression
User/Calling_User	OIP_U01_001	clause 4.5.2.1	PICS 1/1
Test purpose: <i>Originating user sends a P-Preferred Identity.</i> Ensure that the IUT, in order to present a complete calling user identity with which is registered, sends an INVITE message containing a P-Preferred-Identity header with valid 'tel' or 'SIP' URI defined as USER_URI.			
Preconditions: The user registers the public user identity.			
Comments: User Equipment → Test Equipment INVITE			

TSS User/Calling_User	TP OIP_U01_002	OIP reference clause 4.5.2.1	Selection expression PICS 1/1, 2/4
Test purpose: <i>Originating user sends a P-Preferred Identity and wishes to override the default setting 'Presentation restricted'.</i> Ensure that the IUT, in order to present a complete calling user identity with which is registered and to override the OIR default settings of 'presentation restricted', sends an INVITE message containing a P-Preferred-Identity header with valid 'tel' or 'SIP' URI defined as USER_URI and a Privacy header set to "none".			
Preconditions: The user registers the public user identity. The user has subscribed to OIR temporary mode, default value 'presentation restricted'.			
Comments: User Equipment INVITE			
→		Test Equipment INVITE	

User/Calling_User	TP OIP_U01_003	OIP reference clause 4.5.2.1	Selection expression PICS 1/1, 2/3
Test purpose: <i>Originating user sends an 'anonymous' From header and wishes to override the default setting 'Presentation not restricted'.</i> Ensure that the IUT, in order to override the OIR default settings of 'presentation not restricted', sends an INVITE message not containing a P-Preferred-Identity header and containing a Privacy header set to "id" or "header" and containing an anonymous From header. The convention for configuring an anonymous From header is described in RFC 3323 [3] and should be followed; i.e. From: "Anonymous" <sip:anonymous@anonymous.invalid>;tag= xxxxxx.			
Preconditions: The user has subscribed to OIR temporary mode, default value 'presentation restricted'.			
Comments: User Equipment INVITE			
→		Tert Equipment INVITE	

Table 2

Values for test purposes OIP_U02_001 to OIP_U02_003	
	USER_URI
VA_1	tel: local number
VA_2	tel: global number
VA_3	tel: local number ; phone-context= particular phone prefix.
VA_4	tel: local number ; phone-context= domainname
VA_5	tel: local number; isub= ISDN Subadress
VA_6	SIP URI sip:user:password@host:port;uri-parameters
VA_7	sip URI: local number @host:port;uri-parameters
VA_8	sip URI: global number @host:port;uri-parameters
VA_9	sip URI: local number ; phone-context= particular phone prefix @host:port;uri-parameters

5.2.2 Called user

TSS User/Called_User	TP OIP_U02_001	OIP reference	Selection expression PICS 1/2
Test purpose: <i>Terminating user receives a P-Asserted identity header field.</i> Ensure that the terminating UE, receiving a valid and compatible INVITE message containing one P-Asserted-Identity header indicating a public user identity defined as URI_USER, accepts the call following the basic call procedures.			
Comments: User Equipment INVITE			
←		Test Equipment INVITE	

TSS User/Called_User	TP OIP_U02_002	OIP reference	Selection expression PICS 1/2
Test purpose: <i>Terminating user receives a P-Asserted identity header field.</i> Ensure that the terminating UE, receiving a valid and compatible INVITE message containing two P-Asserted-Identity headers indicating public user identities defined as URI_USER accepts the call following the basic call procedures.			
Comments: User Equipment INVITE			
SUT ←		Test Equipment INVITE	

Table 3

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

5.2.3 Requirements on the originating network side

5.2.3.1 Actions at the AS serving the originating user

TSS Network/AS_OrigUser	TP OIP_N01_001	OIP reference clauses 4.5.2.4	Selection expression PICS 2/2
Test purpose: <i>The AS includes a Privacy header field in permanent mode.</i> Ensure that the IUT, on receipt of an INVITE without Privacy header, transmits an INVITE with a Privacy header set to "id".			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode . The subscription option Restriction is set to 'restrict the asserted identity'.			
Comments: Test equipment INVITE 100 Trying			
→		AS	→
←			←
Test equipment INVITE			

TSS Network /AS_OrigUser	TP OIP_N01_002	OIP reference clauses 4.5.2.4	Selection expression PICS 2/2
Test purpose: <i>The AS includes a Privacy header field in permanent mode.</i> Ensure that the IUT, on receipt of an INVITE without Privacy header, transmits an INVITE with a Privacy header set to "header".			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode . The subscription option Restriction is set to 'restrict all private information appearing in headers'.			
Comments: Test equipment INVITE 100 Trying			
→		AS	→
←			←
Test equipment INVITE			

TSS Network/AS_OrigUser	TP OIP_N01_003	OIP reference clauses 4.5.2.4	Selection expression PICS 2/2
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".			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode. The subscription option Restriction is set to 'restrict the asserted identity'.			
Comments:			
Test equipment INVITE 100 Trying	AS	Test equipment INVITE	
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_004	OIP reference clauses 4.5.2.4	Selection expression PICS 2/2
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 "header".			
Preconditions: The originating user has subscribed to the OIR service in the permanent mode. The subscription option Restriction is set to 'restrict all private information appearing in headers'.			
Comments:			
Test equipment INVITE 100 Trying	AS	Test equipment INVITE	
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_005	OIP reference clauses 4.5.2.4	Selection expression PICS 1/5, 2/2
Test purpose: <i>The AS anonymizes the identity in permanent mode.</i> Ensure that the IUT, on receipt of 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:			
Test equipment INVITE 100 Trying	AS	Test equipment INVITE	
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_006	OIP reference clauses 4.5.2.4	Selection expression PICS 2/4
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".			
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:			
Test equipment INVITE 100 Trying	AS	Test equipment INVITE	
	→	→	
	←		

TSS	TP	OIP reference	Selection expression												
Network/AS_OrigUser	OIP_N01_007	clauses 4.5.2.4	PICS 2/4												
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 "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 all private information appearing in headers'.															
Comments: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Test equipment</td> <td style="width: 30%; text-align: center;">AS</td> <td style="width: 30%; text-align: right;">Test equipment</td> <td style="width: 10%;"></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: right;">INVITE</td> <td style="text-align: center;">→</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> </tr> </table>				Test equipment	AS	Test equipment		INVITE	→	INVITE	→	100 Trying	←		←
Test equipment	AS	Test equipment													
INVITE	→	INVITE	→												
100 Trying	←		←												

TSS	TP	OIP reference	Selection expression												
Network/AS_OrigUser	OIP_N01_008	clauses 4.5.2.4	PICS 2/4												
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".															
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: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Test equipment</td> <td style="width: 30%; text-align: center;">AS</td> <td style="width: 30%; text-align: right;">Test equipment</td> <td style="width: 10%;"></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: right;">INVITE</td> <td style="text-align: center;">→</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> </tr> </table>				Test equipment	AS	Test equipment		INVITE	→	INVITE	→	100 Trying	←		←
Test equipment	AS	Test equipment													
INVITE	→	INVITE	→												
100 Trying	←		←												

TSS	TP	OIP reference	Selection expression												
Network/AS_OrigUser	OIP_N01_009	clauses 4.5.2.4	PICS 2/4												
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 "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 all private information appearing in headers'.															
Comments: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Test equipment</td> <td style="width: 30%; text-align: center;">AS</td> <td style="width: 30%; text-align: right;">Test equipment</td> <td style="width: 10%;"></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: right;">INVITE</td> <td style="text-align: center;">→</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> </tr> </table>				Test equipment	AS	Test equipment		INVITE	→	INVITE	→	100 Trying	←		←
Test equipment	AS	Test equipment													
INVITE	→	INVITE	→												
100 Trying	←		←												

TSS	TP	OIP reference	Selection expression												
Network/AS_OrigUser	OIP_N01_010	clauses 4.5.2.4	PICS 1/5, 2/4												
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: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Test equipment</td> <td style="width: 30%; text-align: center;">AS</td> <td style="width: 30%; text-align: right;">Test equipment</td> <td style="width: 10%;"></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: right;">INVITE</td> <td style="text-align: center;">→</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> </tr> </table>				Test equipment	AS	Test equipment		INVITE	→	INVITE	→	100 Trying	←		←
Test equipment	AS	Test equipment													
INVITE	→	INVITE	→												
100 Trying	←		←												

TSS Network/AS_OrigUser	TP OIP_N01_011	OIP reference clauses 4.5.2.4	Selection expression PICS 1/5, 2/3, 2/6
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.			
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:			
Test equipment INVITE 100 Trying	AS		Test equipment INVITE
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_012	OIP reference clauses 4.5.2.4	Selection expression PICS 1/5, 2/3, 2/6
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.			
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:			
Test equipment INVITE 100 Trying	AS		Test equipment INVITE
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_013	OIP reference clauses 4.5.2.4	Selection expression PICS 1/7, 2/3, NOT 2/6
Test purpose: <i>The AS replaces the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to "id" and with 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:			
Test equipment INVITE 100 Trying	AS		Test equipment INVITE
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_014	OIP reference clauses 4.5.2.4	Selection expression PICS 1/7, 2/3, NOT 2/6
Test purpose: <i>The AS replaces the identity in temporary mode, not restricted.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to "header" and with 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:			
Test equipment INVITE 100 Trying	AS		Test equipment INVITE
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_015	OIP reference clauses 4.5.2.4	Selection expression PICS NOT 1/5, 2/3, 2/6
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 "id", transmits an INVITE with the From header not anonymized.			
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:			
Test equipment INVITE 100 Trying	AS	AS	Test equipment INVITE
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_016	OIP reference clauses 4.5.2.4	Selection expression PICS NOT 1/5, 2/3, 2/6
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 "header", transmits an INVITE with the From header not anonymized.			
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:			
Test equipment INVITE 100 Trying	AS	AS	Test equipment INVITE
	→	→	
	←		

TSS Network/AS_OrigUser	TP OIP_N01_017	OIP reference clauses 4.5.2.4	Selection expression PICS 2/3, 2/6
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:			
Test equipment INVITE 100 Trying	AS	AS	Test equipment INVITE
	→	→	
	←		

5.2.3.2 Actions at the AS serving the terminating UE

TSS Network/AS_TermUser	TP OIP_N02_001	OIP reference clause 4.5.2.9	Selection expression NOT PICS 2/1
Test purpose: <i>The terminating user does not subscribe 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 Privacy header and without P-Asserted-Identity header.			
Preconditions: Terminating user does not subscribe to OIP service			
Comments:			
Test Equipment INVITE 100 Trying	AS	AS	Test Equipment INVITE
	→	→	
	←		

TSS	TP	OIP reference	Selection expression												
Network/AS_TermUser	OIP_N02_002	clause 4.5.2.9	NOT PICS 2/1 AND PICS 1/8												
Test purpose: <i>The terminating user does not subscribe 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 Privacy header and 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: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Test Equipment</td> <td style="width: 30%; text-align: center;">AS</td> <td style="width: 30%; text-align: right;">Test Equipment</td> <td style="width: 10%;"></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: right;">INVITE</td> <td style="text-align: center;">→</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> </tr> </table>				Test Equipment	AS	Test Equipment		INVITE	→	INVITE	→	100 Trying	←		←
Test Equipment	AS	Test Equipment													
INVITE	→	INVITE	→												
100 Trying	←		←												

TSS	TP	OIP reference	Selection expression												
Network/AS_TermUser	OIP_N02_003	clause 4.5.2.9	PICS 2/1, 2/5												
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. Terminating user has an override category.															
Comments: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Test Equipment</td> <td style="width: 30%; text-align: center;">AS</td> <td style="width: 30%; text-align: right;">Test Equipment</td> <td style="width: 10%;"></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: right;">INVITE</td> <td style="text-align: center;">→</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> </tr> </table>				Test Equipment	AS	Test Equipment		INVITE	→	INVITE	→	100 Trying	←		←
Test Equipment	AS	Test Equipment													
INVITE	→	INVITE	→												
100 Trying	←		←												

5.2.3.3 Actions at the S-CSCF serving the terminating UE

TSS	TP	OIP reference	Selection expression												
Originating_Netw/ TermS-CSCF	OIP_N06_001	clause 4.3.3													
Test purpose: <i>The terminating S-CSCF acts according the OIR service.</i> Ensure that the IUT, on receipt of an INVITE with a Privacy header set to "id", transmits an INVITE without the P-Asserted-Identity header.															
Comments: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Test Equipment</td> <td style="width: 30%; text-align: center;">S_CSCF</td> <td style="width: 30%; text-align: right;">Test Equipment</td> <td style="width: 10%;"></td> </tr> <tr> <td>INVITE</td> <td style="text-align: center;">→</td> <td style="text-align: right;">INVITE</td> <td style="text-align: center;">→</td> </tr> <tr> <td>100 Trying</td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> </tr> </table>				Test Equipment	S_CSCF	Test Equipment		INVITE	→	INVITE	→	100 Trying	←		←
Test Equipment	S_CSCF	Test Equipment													
INVITE	→	INVITE	→												
100 Trying	←		←												

6 Compliance

An ATS which complies with this TSS&TP specification shall:

- consist of a set of test cases corresponding to the set or to a subset of the TPs specified in clause 5;
- use a TSS which is an appropriate subset of the whole of the TSS specified in clause 4;
- use the same naming conventions for the test groups and test cases;
- maintain the relationship specified in clause 5 between the test groups and TPs and the entries in the PICS proforma to be used for test case deselection.

In the case of a) or b) above, a subset shall be used only where a particular Abstract Test Method (ATM) makes some TPs untestable. All testable TPs from clause 5 shall be included in a compliant ATS.

Annex A (informative): Bibliography

IETF RFC 2806: "URLs for Telephone Calls".

History

Document history		
V1.1.1	July 2006	Publication
V3.1.1	July 2011	Publication