



Enabler Test Specification for IMPS SSP 1.2

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1. Scope

This document describes in detail available conformance and interoperability test cases for OMA-IMPS-WV-SSP-V1_2.

The test cases are split in two categories, conformance and interoperability test cases.

The conformance test cases are aimed to verify the adherence to normative requirements described in the technical specifications.

The interoperability test cases are aimed to verify that implementations of the specifications work satisfactory.

On this revision, the conformance tests do not exist and is marked not available.

2. References

2.1 Normative References

- [IOPPROC] “OMA Interoperability Policy and Process”, Version 1.1, Open Mobile Alliance™, OMA-IOP-Process-V1_1, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [CSP SCR] “WV-048 Client-Server Protocol Static Conformance Requirement”. Candidate Version 1.2 – 2004-03-17, Open Mobile Alliance™ : OMA-IMPS-WV-CSP_SCR-V1_2-20040317-C; [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [SSP SCR] “WV-055 SSP – Server-Server Protocol Static Conformance Requirement”. Candidate Version 1.2 – 2004-05-22, Open Mobile Alliance™: OMA-IMPS-WV-SSP_SCR-V1_2-20040522-C; [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

2.2 Informative References

- [IMPS] “OMA Instant Messaging and Presence Service”. Candidate Version 1.2 – 2004-05-22, Open Mobile Alliance™: OMA-IMPS-V1_2-20040522-C.zip; [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

3. Terminology and Conventions

3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, are normative, unless they are explicitly indicated to be informative.

The following numbering scheme is used:

SSP-1.2-con-number-tp where:

SSP	Name of enabler
1.2	Version of enabler release
con	Indicating this test is a conformance test case
number	Leapnumber for the test case
tp	M – for minimal interoperability test MD – for minimal interoperability test where Servers A and B switch roles C – for complementary service interoperability test (i.e; the PSE is located only in one domain) CD – for complementary service interoperability test where Servers A and B switch roles

Or

SSP-1.2-int-number-tp where:

SSP	Name of enabler
1.2	Version of enabler release
int	Indicating this test is a interoperability test case
number	Leapnumber for the test case
tp	M – for minimal interoperability test MD – for minimal interoperability test where Servers A and B switch roles C – for complementary service interoperability test (i.e; the PSE is located only in one domain) CD – for complementary service interoperability test where Servers A and B switch roles

3.2 Definitions

NONE

N/A

3.3 Abbreviations

OMA	Open Mobile Alliance
CSP	Client Server Protocol
IMPS	Instant Messaging and Presence Services
PSE	Primary Service Element
SAP	Service Access Point
SCR	Static Conformance Requirement
SMS	Short Message Service
SSP	Server Server Protocol

4. Introduction

The purpose of this document is to provide test cases for SSP Enabler Release 1.1.

Some features in the SSP enabler are mandatory. Such tests are marked as [Mandatory] in the test specification.

Some features in the SSP enabler may optionally be implemented. The tests associated with these optional features are marked as [Optional] in the test specification.

All tests require 2 IMPS servers.

Tests are defined twice. First occurrence specifies the test that should be carried where Server A is the home domain of the client that initiated the tested operation. Second occurrence specifies the reverse scenario, in which the test was initiated by client that server B is its home domain.

Complementary services (i.e.; service relay) are also tested, including the reverse scenario. There are two methods of describing opposite tests for complementary services:

- a. Switch roles of all participants (including clients)
- b. Move only the PSE from one server to the other while keeping the clients behaviour intact.

The following testing specification uses Option “a” for reverse complementary scenarios.

5. IMPS SSP Conformance Test Cases

Currently there are no defined conformance test cases (either mandatory or optional).

6. SSP Interoperability Test Cases

For Enabler SSP there exists 70 number of interoperability tests. 20 of those are mandatory.

6.1 SAP [Mandatory]

Test Case Id	SSP-1.2-int-1
Test Object	SAP
Test Case Description	Verify the session establishment through Login functionality. The test will concentrate on Server A for Pass/Fail initiating the session establishment to server B.
Specification Reference	WV_SSP_v1.2, chapter 7 Session Management.
SCR Reference	Server A and server B supports SSP-Session-1, A and B supports SSP SAP-11, A and B SSP-SAP-12, A supports SSP Login-2, B supports SSP-Login-3
Tool	<List any tool including version available for this test case, if any>
Test code	<List any code including version available for this test case, if any>
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 servers (A and B) • State: <ul style="list-style-type: none"> • Server B is in running state • Server A is in stopped state • Prerequisite for this test: <ul style="list-style-type: none"> • 2 SAPs with the necessary offline agreements in place.
Test Procedure	Server A is started. Server A starts session establishment. Server B detects the running state of server A and starts session establishment.
Pass-Criteria	Both sessions are established.

Test Case Id	SSP-1.2-int-1D
Test Object	SAP
Test Case Description	Verify the session establishment through Login functionality. The test will concentrate on Server A for Pass/Fail of completing the Login that was initiated by server B.

Specification Reference	WV_SSP_v1.2, chapter 7 Session Management.
SCR Reference	Server A and server B supports SSP-Session-1, A and B supports SSP SAP-11, A and B SSP-SAP-12, A supports SSP Login-2, B supports SSP-Login-3
Tool	<List any tool including version available for this test case, if any>
Test code	<List any code including version available for this test case, if any>
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 servers (A and B) • State: <ul style="list-style-type: none"> • Server B is in stopped state • Server A is in running state • Prerequisite for this test: <ul style="list-style-type: none"> • 2 SAPs with the necessary offline agreements in place.
Test Procedure	<p>Server B is started.</p> <p>Server B starts session establishment.</p> <p>Server A detects the running state of server B and starts session establishment.</p>
Pass-Criteria	Both sessions are established.

Test Case Id	SSP-1.2-int-2
Test Object	SAP
Test Case Description	<p>Verify the Logout functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail initiating Logout.</p>
Specification Reference	WV_SSP_v1.2, chapter 7 Session Management.
SCR Reference	Server A and server B supports SSP-Session-8, A and B supports SSP SAP-14, A and B SSP-SAP-15, A supports SSP Logout-1
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 servers (A and B) • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Prerequisite for this test: <ul style="list-style-type: none"> • Server A supports manual SSP logout.
Test Procedure	Server A initiates a Logout request for the session, in which he is in the role

	<p>of the requestor. Server B responds with a disconnect. Server A initiates a Disconnect request for the session, in which he is in the role of the provider.</p>
Pass-Criteria	Both sessions are terminated.

Test Case Id	SSP-1.2-int-2D
Test Object	SAP
Test Case Description	<p>Verify the Logout functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of a Logout initiated by Server B.</p>
Specification Reference	WV_SSP_v1.2, chapter 7 Session Management.
SCR Reference	Server A and server B supports SSP-Session-8, A and B supports SSP SAP-14, A and B SSP-SAP-15, B supports SSP Logout-1
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 servers (A and B) • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Prerequisite for this test: <ul style="list-style-type: none"> • Server B supports manual SSP logout
Test Procedure	<p>Server B initiates a Logout request for the session, in which he is in the role of the requestor. Server A responds with a disconnect. Server B initiates a Disconnect request for the session, in which he is in the role of the provider.</p>
Pass-Criteria	Both sessions are terminated.

6.2 Presence [Mandatory]

Test Case Id	SSP-1.2-int-3M
Test Object	Presence
Test Case Description	<p>Verify the Subscribe functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Subscribe.</p> <p>The scope of subscription is either a single user or a contact list, which refers to a list of users</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	Server A and server B supports SSP-SAP-1, A and B supports SSP SAP-3, A and B SSP-SAP-4, A and B supports SSP-PRSE-4, A and B supports SSP-PRSE-8, A and B supports CSP-PRSE-8, A and B supports CSP-PRSE-11, Client A supports CSP PRSE-8, Client A supports CSP PRSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Client B is not blocking client A from accessing its OnlineStatus presence attribute by means of the proactive authorization. • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	<p>Client A initiates the subscription request for presence (should include OnlineStatus presence attribute) of Client B</p> <p>Server A forwards the request to Server B</p> <p>Server B Responses</p> <p>[Optional] Client B displays a request for presence</p>

	<p>[Optional] User B grants an access to presence</p> <p>Server B forwards the current status to Server A</p> <p>Server A forwards the current status to Client A</p>
Pass-Criteria	<p>Client A receives a presence notification (value of OnlineStatus attribute is True) and displays it.</p>

Test Case Id	SSP-1.2-int-3MD
Test Object	Presence
Test Case Description	<p>Verify the Subscribe functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Subscribe.</p> <p>The scope of subscription is either a single user or a contact list, which refers to a list of users</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	Server A and server B supports SSP-SAP-1, A and B supports SSP SAP-3, A and B SSP-SAP-4, A and B supports SSP-PRSE-4, A and B supports SSP-PRSE-8, A and B supports CSP-PRSE-8, A and B supports CSP-PRSE-11, Client B supports CSP PRSE-8, Client B supports CSP PRSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Client A is not blocking client B from accessing its OnlineStatus presence attribute by means of the proactive authorization. • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	Client B initiates the subscription request for presence (should include

	<p>OnlineStatus presence attribute) of Client A</p> <p>Server B forwards the request to Server A</p> <p>Server A Responses</p> <p>[Optional] Client A displays a request for presence</p> <p>[Optional] User A grants an access to presence</p> <p>Server A forwards the current status to Server B</p> <p>Server B forwards the current status to Client B</p>
Pass-Criteria	Client B receives a presence notification (value of OnlineStatus attribute is True) and displays it.

Test Case Id	SSP-1.2-int-4M
Test Object	Presence
Test Case Description	<p>Verify the Presence notification functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Presence notification.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	Server A and server B supports SSP-SAP-1, A and B supports SSP SAP-3, A and B supports SSP-SAP-4, A and B supports SSP-PRSE-4, A and B supports SSP-PRSE-8, A and B supports CSP-PRSE-8, A and B supports CSP-PRSE-11, Client A supports CSP PRSE-11, Client B supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items) • Client A is subscribed for the presence of Client B

Test Procedure	Client B changes its presence information. Server B forwards the notification to server A.
Pass-Criteria	Client A receives the presence notification.

Test Case Id	SSP-1.2-int-4MD
Test Object	Presence
Test Case Description	Verify the Presence notification functionality. The test case will concentrate on Server A for Pass / Fail of relaying Presence notification.
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	Server A and server B supports SSP-SAP-1, A and B supports SSP SAP-3, A and B supports SSP-SAP-4, A and B supports SSP-PRSE-4, A and B supports SSP-PRSE-8, A and B supports CSP-PRSE-8, A and B supports CSP-PRSE-11, Client B supports CSP PRSE-11, Client A supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items) • Client B is subscribed for the presence of Client A
Test Procedure	Client A changes its presence information. Server A forwards the notification to server B.
Pass-Criteria	Client B receives the presence notification.

Test Case Id	SSP-1.2-int-5M
Test Object	Presence

Test Case Description	<p>Verify the Unsubscribe functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Unsubscribe.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-1 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-4 ▪ Both Servers support SSP PRSE-5 ▪ Both Servers support SSP PRSE-8 ▪ Both Servers support CSP PRSE-9 ▪ Both Servers support CSP PRSE-11 ▪ Server B supports CSP PRSE-13 ▪ Client A supports CSP PRSE-9 ▪ Client A supports CSP PRSE-11 ▪ Client B supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items) • Client A is subscribed for the presence of Client B
Test Procedure	<p>Client A unsubscribe the presence information of Client B (Server A forwards the request to Server B)</p> <p>Client B changes its presence settings (e.g. StatusText)</p>
Pass-Criteria	Client A does not receive any presence notification.

Test Case Id	SSP-1.2-int-5MD
Test Object	Presence
Test Case Description	<p>Verify the Unsubscribe functionality of server B and the response of server A.</p> <p>The test case will concentrate on Server A for Pass / Fail of performing Unsubscribe that was relayed from server B.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-1 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-4 ▪ Both Servers support SSP PRSE-5 ▪ Both Servers support SSP PRSE-8 ▪ Both Servers support CSP PRSE-9 ▪ Both Servers support CSP PRSE-11 ▪ Server B supports CSP PRSE-13 ▪ Client B supports CSP PRSE-9 ▪ Client B supports CSP PRSE-11 ▪ Client A supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items) • Client A is subscribed for the presence of Client B
Test Procedure	Client B unsubscribe the presence information of Client A

	(Server B forwards the request to Server A) Client A changes its presence settings (e.g. StatusText)
Pass-Criteria	Client B does not receive any presence notification.

Test Case Id	SSP-1.2-int-6M
Test Object	Presence
Test Case Description	Verify the GetPresence functionality. The test case will concentrate on Server A for Pass / Fail of relaying GetPresence.
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP PRSE-6 • Both Servers support CSP PRSE-12 • Client A supports CSP PRSE-12
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client A is logged in. • Functioning servers with one user account exist on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for Client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	Client A request the Get Presence of Client B Server A forwards the request to the server B Server B Responses or invoking an authorization request [Optional] Client B displays a request for presence

	[Optional] User B grants an access to presence Server B forwards the current status to Server A
Pass-Criteria	Client A receives the presence information of Client B.

Test Case Id	SSP-1.2-int-6MD
Test Object	Presence
Test Case Description	Verify the GetPresence functionality. The test case will concentrate on Server A for Pass / Fail of relaying GetPresence that was initiated by client B.
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP PRSE-6 • Both Servers support CSP PRSE-12 • Client B supports CSP PRSE-12
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client B is logged in. • Functioning servers with one user account exist on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for Client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items) (regarding the tested SCR items)
Test Procedure	Client B request the Get Presence of Client A Server B forwards the request to the server A Server A Responses or invoking an authorization request

	[Optional] Client A displays a request for presence [Optional] User A grants an access to presence Server A forwards the current status to Server B
Pass-Criteria	Client B receives the presence information of Client A.

6.3 Presence [Optional]

Test Case Id	SSP-1.2-int-7C
Test Object	Presence
Test Case Description	<p>Verify the Subscribe functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Subscribe.</p> <p>The scope of subscription is either a single user or a contact list, which refers to a list of users</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	Server A and server B supports SSP-SAP-2, A and B supports SSP SAP-3, A and B supports SSP-SAP-5, A and B supports SSP-PRSE-4, A and B supports SSP-PRSE-8, B supports CSP-PRSE-8, B supports CSP-PRSE-11, A does not support either CSP PRSE-8 or CSP PRSE-11, Client A supports CSP PRSE-8, Client A supports CSP PRSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Client B is not blocking client A from accessing its OnlineStatus presence attribute by means of the proactive authorization. • Server A is the home domain for client A, Server B is the home domain for client B • Server B is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>Client A initiates the subscription request for presence (should include OnlineStatus presence attribute) of client B.</p> <p>Server A forwards the request to server B.</p> <p>Server B response.</p> <p>[Optional] Client B displays a request for presence.</p> <p>[Optional] User B grants an access to presence.</p> <p>Server B forward the current status to Server A.</p> <p>Server A forwards the current status to client A.</p>

Pass-Criteria	Client A receives a presence notification (value of OnlineStatus attribute is True) and displays it. Server B sends a response to the subscribe from server A.
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Test Case Id	SSP-1.2-int-7CD
Test Object	Presence
Test Case Description	Verify the Subscribe functionality. The test case will concentrate on Server A for Pass / Fail of relaying Subscribe. The scope of subscription is either a single user or a contact list, which refers to a list of users
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	Server A and server B supports SSP-SAP-2, A and B supports SSP SAP-3, A and B supports SSP-SAP-5, A and B supports SSP-PRSE-4, A and B supports SSP-PRSE-8, A supports CSP-PRSE-8, A supports CSP-PRSE-11, B does not support either CSP PRSE-8 nor CSP PRSE-11, Client B supports CSP PRSE-8, Client B supports CSP PRSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Client A is not blocking client B from accessing its OnlineStatus presence attribute by means of the proactive authorization. • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	Client B initiates the subscription request for presence (should include OnlineStatus presence attribute) of client A. Server B forwards the request to server A. Server A response. [Optional] Client A displays a request for presence. [Optional] User A grants an access to presence.

	Server A forward the current status to Server B. Server B forwards the current status to client B.
Pass-Criteria	Client B receives a presence notification (value of OnlineStatus attribute is True) and displays it. Server A sends a response to the subscribe from server B.

Test Case Id	SSP-1.2-int-8C
Test Object	Presence
Test Case Description	Verify the Presence notification functionality. The test case will concentrate on Server A for Pass / Fail of relaying Presence notification.
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-4 ▪ Both Servers support SSP PRSE-8 ▪ Server B supports CSP PRSE-8 ▪ Server B supports CSP PRSE-11 ▪ Server A doesn't support CSP PRSE-8 ▪ Server A doesn't support CSP PRSE-11 ▪ Client A supports CSP PRSE-8 ▪ Client A supports CSP PRSE-11 ▪ Client B supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the

	<p>home domain for client B</p> <ul style="list-style-type: none"> • Server B is the PSE of both Client A and Client B (regarding the tested SCR items) • Client A is subscribed for the presence of Client B
Test Procedure	Client B changes its presence information. (Server B forwards the notification to server A.)
Pass-Criteria	Client A receives the presence notification.

Test Case Id	SSP-1.2-int-8CD
Test Object	Presence
Test Case Description	<p>Verify the Presence notification functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Presence notification.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-4 ▪ Both Servers support SSP PRSE-8 ▪ Server A supports CSP PRSE-8 ▪ Server A supports CSP PRSE-11 ▪ Server B doesn't support CSP PRSE-8 ▪ Server B doesn't support CSP PRSE-11 ▪ Client B supports CSP PRSE-8 ▪ Client B supports CSP PRSE-11 ▪ Client A supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in.

	<ul style="list-style-type: none"> • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of both Client A and Client B (regarding the tested SCR items) • Client B is subscribed for the presence of Client A
Test Procedure	Client A changes its presence information. (Server A forwards the update presence to server B.)
Pass-Criteria	Client B receives the presence notification..

Test Case Id	SSP-1.2-int-9C
Test Object	Presence
Test Case Description	Verify the Unsubscribe functionality of server A and the response of server B. The test case will concentrate on Server A for Pass / Fail of relaying Unsubscribe.
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-5 ▪ Both Servers support SSP PRSE-8 ▪ Server A doesn't support CSP PRSE-9 ▪ Server A doesn't support CSP PRSE-11 ▪ Server B supports CSP PRSE-9 ▪ Server B supports CSP PRSE-11 ▪ Server B supports CSP PRSE-13 ▪ Client A supports CSP PRSE-9 ▪ Client A supports CSP PRSE-11 ▪ Client B supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment:

	<ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server B is the PSE of both Client A and Client B (regarding the tested SCR items) • Client A is subscribed for the presence of Client B
Test Procedure	<p>Client A unsubscribe the presence information of Client B (Server A forwards the request to Server B)</p> <p>Client B changes its presence settings (e.g. StatusText)</p>
Pass-Criteria	Client A does not receive any presence notification.

Test Case Id	SSP-1.2-int-9CD
Test Object	Presence
Test Case Description	<p>Verify the Unsubscribe functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Unsubscribe.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-5 ▪ Both Servers support SSP PRSE-8 ▪ Server B doesn't support CSP PRSE-9 ▪ Server B doesn't support CSP PRSE-11 ▪ Server A supports CSP PRSE-9 ▪ Server A supports CSP PRSE-11 ▪ Server A supports CSP PRSE-13

	<ul style="list-style-type: none"> ▪ Client B supports CSP PRSE-9 ▪ Client B supports CSP PRSE-11 ▪ Client A supports CSP PRSE-13
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of both Client A and Client B (regarding the tested SCR items) • Client B is subscribed for the presence of Client A
Test Procedure	<p>Client B unsubscribe the presence information of Client A (Server B forwards the request to Server A)</p> <p>Client A changes its presence settings (e.g. StatusText)</p>
Pass-Criteria	Client B does not receive any presence notification.

Test Case Id	SSP-1.2-int-10C
Test Object	Presence
Test Case Description	<p>Verify the Reactive authorization functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Reactive authorization.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-4

	<ul style="list-style-type: none"> ▪ Both Servers support SSP PRSE-8 ▪ Both Servers support SSP PRSE-10 ▪ Server B supports CSP PRSE-8 ▪ Server B supports CSP PRSE-11 ▪ Server B supports CSP PRSE-14 ▪ Server B supports CSP PRSE-15 ▪ Server A doesn't support CSP PRSE-8 ▪ Server A doesn't support CSP PRSE-14 ▪ Server A doesn't support CSP PRSE-15 ▪ Client B supports CSP PRSE-8 ▪ Client B supports CSP PRSE-11 ▪ Client A supports CSP PRSE-14 ▪ Client A supports CSP PRSE-15
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server B is the PSE of both Client A and Client B (regarding the tested SCR items) • Client A is not blocking client B from accessing its OnlineStatus presence attribute by means of the proactive authorization.
Test Procedure	<p>Client B subscribes the presence information of Client A</p> <p>Server B detects, that Reactive Authorization is needed, so it sends Authorization request to Server A</p> <p>Server A relays it to Client A</p> <p>Client A grants the access</p>

	<p>Server A forwards the current status to Server B</p> <p>Server B forwards the current status to Client B</p>
Pass-Criteria	Client B receives a presence notification (value of OnlineStatus attribute is True) and displays it

Test Case Id	SSP-1.2-int-10CD
Test Object	Presence
Test Case Description	<p>Verify the Reactive authorization functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Reactive authorization.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-4 ▪ Both Servers support SSP PRSE-8 ▪ Both Servers support SSP PRSE-10 ▪ Server A supports CSP PRSE-8 ▪ Server A supports CSP PRSE-14 ▪ Server A supports CSP PRSE-15 ▪ Server A supports CSP PRSE-11 ▪ Server B doesn't support CSP PRSE-8 ▪ Server B doesn't support CSP PRSE-14 ▪ Server B doesn't support CSP PRSE-15 ▪ Client A supports CSP PRSE-8 ▪ Client A supports CSP PRSE-11 ▪ Client B supports CSP PRSE-14 ▪ Client B supports CSP PRSE-15
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B)

	<ul style="list-style-type: none"> • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of both Client A and Client B (regarding the tested SCR items) • Client B is not blocking client A from accessing its OnlineStatus presence attribute by means of the proactive authorization.
Test Procedure	<p>Client A subscribes the presence information of Client B</p> <p>Server A detects, that Reactive Authorization is needed, so it sends Authorization request to Server B</p> <p>Server B relays it to Client B</p> <p>Client B grants the access</p> <p>Server B forwards the current status to Server A</p> <p>Server A forwards the current status to Client A</p>
Pass-Criteria	<p>Client A receives a presence notification (value of OnlineStatus attribute is True) and displays it</p>

Test Case Id	SSP-1.2-int-11C
Test Object	Presence
Test Case Description	<p>Verify the Cancel authorization functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Cancel authorization.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-10 ▪ Server B supports CSP PRSE-12 ▪ Server B supports CSP PRSE-16

	<ul style="list-style-type: none"> ▪ Server A doesn't support CSP PRSE-12 ▪ Server A doesn't support CSP PRSE-16 ▪ Client A supports CSP PRSE-16 ▪ Client B supports CSP PRSE-12
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server B is the PSE of both Client A and Client B (regarding the tested SCR items) • Client A has reactively authorized client B to watch him.
Test Procedure	<p>Client A cancels the authorization of Client B.</p> <p>Client B makes a GetPresence request for the presence of Client A.</p>
Pass-Criteria	Client B does not receive the presence information of Client A.

Test Case Id	SSP-1.2-int-11CD
Test Object	Presence
Test Case Description	<p>Verify the Cancel authorization functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Cancel authorization.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-10

	<ul style="list-style-type: none"> ▪ Server A supports CSP PRSE-12 ▪ Server A supports CSP PRSE-16 ▪ Server B doesn't support CSP PRSE-12 ▪ Server B doesn't support CSP PRSE-16 ▪ Client B supports CSP PRSE-16 ▪ Client A supports CSP PRSE-12
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of both Client A and Client B (regarding the tested SCR items) • Client B has reactively authorized client A to watch him.
Test Procedure	<p>Client B cancels the authorization of Client A.</p> <p>Client A makes a GetPresence request for the presence of Client B.</p>
Pass-Criteria	Client A does not receive the presence information of Client B.

Test Case Id	SSP-1.2-int-12C
Test Object	Presence
Test Case Description	<p>Verify the Reactive authorization / deny functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Reactive authorization.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3

	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-4 ▪ Both Servers support SSP PRSE-8 ▪ Both Servers support SSP PRSE-10 ▪ Server B supports CSP PRSE-8 ▪ Server B supports CSP PRSE-11 ▪ Server B supports CSP PRSE-14 ▪ Server B supports CSP PRSE-15 ▪ Server A doesn't support CSP PRSE-8 ▪ Server A doesn't support CSP PRSE-14 ▪ Server A doesn't support CSP PRSE-15 ▪ Client B supports CSP PRSE-8 ▪ Client B supports CSP PRSE-11 ▪ Client A supports CSP PRSE-14 ▪ Client A supports CSP PRSE-15
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server B is the PSE of both Client A and Client B (regarding the tested SCR items) • Client A is not blocking client B from accessing its OnlineStatus presence attribute by means of the proactive authorization
Test Procedure	<p>Client B subscribes the presence information of Client A</p> <p>Server B detects, that Reactive Authorization is needed, so it sends Authorization request to Server A</p>

	<p>Server A relays it to Client A</p> <p>Client A denies the access</p>
Pass-Criteria	Client B does not receives a presence notification.

Test Case Id	SSP-1.2-int-12CD
Test Object	Presence
Test Case Description	<p>Verify the Reactive authorization / deny functionality of server A and the response of server B.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Reactive authorization.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> ▪ Both Servers support SSP SAP-2 ▪ Both Servers support SSP SAP-3 ▪ Both Servers support SSP SAP-5 ▪ Both Servers support SSP PRSE-4 ▪ Both Servers support SSP PRSE-8 ▪ Both Servers support SSP PRSE-10 ▪ Server A supports CSP PRSE-8 ▪ Server A supports CSP PRSE-14 ▪ Server A supports CSP PRSE-15 ▪ Server A supports CSP PRSE-11 ▪ Server B doesn't support CSP PRSE-8 ▪ Server B doesn't support CSP PRSE-14 ▪ Server B doesn't support CSP PRSE-15 ▪ Client A supports CSP PRSE-8 ▪ Client A supports CSP PRSE-11 ▪ Client B supports CSP PRSE-14 ▪ Client B supports CSP PRSE-15
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B).

	<ul style="list-style-type: none"> • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients are logged in. • Functioning servers with one user account exists on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of both Client A and Client B (regarding the tested SCR items) • Client B is not blocking client A from accessing its OnlineStatus presence attribute by means of the proactive authorization
Test Procedure	<p>Client A subscribes the presence information of Client B</p> <p>Server A detects, that Reactive Authorization is needed, so it sends Authorization request to Server B</p> <p>Server B relays it to Client B</p> <p>Client B denies the access</p>
Pass-Criteria	Client A does not receive a presence notification.

Test Case Id	SSP-1.2-int-13C
Test Object	Presence
Test Case Description	<p>Verify the GetWatcherList functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying GetWatcherList.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP PRSE-9 • Server A doesn't support CSP PRSE-10 • Server B supports CSP PRSE-10 • Client A supports CSP PRSE-10
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment:

	<ul style="list-style-type: none"> • 1 client (A) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client A is logged in. • Functioning servers with some user account on it, Client A has at list one watcher • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A • Server B is the PSE of Client A (regarding the tested SCR items)
Test Procedure	<p>Client A initiates GetWatcherList transaction.</p> <p>Server A forwards the request to server B.</p> <p>Server B responds with the list to server A.</p> <p>Server A forwards the list to Client A.</p>
Pass-Criteria	Client A get the list of its watchers.

Test Case Id	SSP-1.2-int-13CD
Test Object	Presence
Test Case Description	<p>Verify the GetWatcherList functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying GetWatcherList.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP PRSE-9 • Server B doesn't support CSP PRSE-10 • Server A supports CSP PRSE-10 • Client B supports CSP PRSE-10
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 1 client (B)

	<ul style="list-style-type: none"> • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client B is logged in. • Functioning servers with some user account on it, Client A has at list one watcher • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A ▪ Server A is the PSE of Client B (regarding the tested SCR items)
Test Procedure	<p>Client B initiates GetWatcherList transaction.</p> <p>Server B forwards the request to Server A.</p> <p>Server A responds with the list to server B.</p> <p>Server B forwards the list to Client B.</p>
Pass-Criteria	Client A get the list of its watchers.

Test Case Id	SSP-1.2-int-14C
Test Object	Presence
Test Case Description	<p>Verify the GetPresence functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying GetPresence.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP PRSE-6 • Server B supports CSP PRSE-12 • Server A doesn't support CSP PRSE-12 • Client A supports CSP PRSE-12
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B).

	<ul style="list-style-type: none"> • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client A is logged in. • Functioning servers with one user account exist on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for Client B <ul style="list-style-type: none"> ▪ Server B is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>Client A request the Get Presence of Client B</p> <p>Server A forwards the request to the server B</p> <p>Server B Responses or invoking an authorization request</p> <p>[Optional] Client B displays a request for presence</p> <p>[Optional] User B grants an access to presence</p> <p>Server B forwards the current status to Server A</p>
Pass-Criteria	Client A receives the presence information of Client B.

Test Case Id	SSP-1.2-int-14CD
Test Object	Presence
Test Case Description	<p>Verify the GetPresence functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying GetPresence that was initiated by client B.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP PRSE-6 • Server A supports CSP PRSE-12 • Server B doesn't support CSP PRSE-12 • Client B supports CSP PRSE-12
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B)

	<ul style="list-style-type: none"> • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client B is logged in. • Functioning servers with one user account exist on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for Client B ▪ Server A is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>Client B request the Get Presence of Client A</p> <p>Server B forwards the request to the server A</p> <p>Server A Responses or invoking an authorization request</p> <p>[Optional] Client A displays a request for presence</p> <p>[Optional] User A grants an access to presence</p> <p>Server A forwards the current status to Server B</p>
Pass-Criteria	Client B receives the presence information of Client A.

Test Case Id	SSP-1.2-int-15C
Test Object	Presence
Test Case Description	<p>Verify the UpdatePresence functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying UpdatePresence.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP PRSE-7 • Server B supports CSP PRSE-11 • Server B supports CSP PRSE-13 • Server A doesn't support CSP PRSE-11 • Server A doesn't support CSP PRSE-13 • Client A supports CSP PRSE-13

	<ul style="list-style-type: none"> Client B supports CSP PRSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 2 clients (A and B) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Both clients logged in. Client B is subscribed for Client A Functioning servers with at least one user account exist on each Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A, Server B is the home domain for Client B Server B is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>Client A changes his status</p> <p>Server A forwards the UpdatePresence request to server B</p> <p>Server B send PresenceNotification to Client B</p>
Pass-Criteria	Client B receives a new presence information of Client A.

Test Case Id	SSP-1.2-int-15CD
Test Object	Presence
Test Case Description	<p>Verify the UpdatePresence functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying UpdatePresence.</p>
Specification Reference	WV_SSP_v1.2, chapter 12 Service Relay – Presence Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3 Both Servers support SSP SAP-5 Both Servers support SSP PRSE-7 Server A supports CSP PRSE-11 Server A supports CSP PRSE-13

	<ul style="list-style-type: none"> • Server B doesn't support CSP PRSE-11 • Server B doesn't support CSP PRSE-13 • Client A supports CSP PRSE-13 • Client B supports CSP PRSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both clients logged in. • Client A is subscribed for Client B • Functioning servers with at least one user account exist on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for Client B • Server A is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>Client B changes his status</p> <p>Server B send the PresenceNotification request to server A</p> <p>Server A forwards the PresenceNotification to Client A</p>
Pass-Criteria	Client A receives a new presence information of Client B.

Test Case Id	SSP-1.2-int-16C
Test Object	Presence
Test Case Description	<p>Verify the Create ContactList functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Create ContactList.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3

	<ul style="list-style-type: none"> Both Servers support SSP SAP-5 Both Servers support SSP PRSE-2 Server B supports CSP PRSE-2 Server A doesn't support CSP PRSE-2 Client A supports CSP PRSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 1 client (A) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Client A is logged in. Functioning servers with at some user account exist on Server A Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A Server B is the PSE of Client A (regarding the tested SCR items)
Test Procedure	<p>Client A send a CreateContactList request to Server A</p> <p>Server A relays the request to Server B</p> <p>Client A logs out</p> <p>Client A logs in</p>
Pass-Criteria	After logging in again, Client A displays the new contact list.

Test Case Id	SSP-1.2-int-16CD
Test Object	Presence
Test Case Description	<p>Verify the Create ContactList functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying Create ContactList.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3 Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> • Both Servers support SSP PRSE-2 • Server A supports CSP PRSE-2 • Server B doesn't support CSP PRSE-2 • Client B supports CSP PRSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 1 client (B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client B is logged in. • Functioning servers with at least some user account exist on Server A • Prerequisite for this test: <ul style="list-style-type: none"> • Server B is the home domain for client B ▪ Server A is the PSE of Client A (regarding the tested SCR items)
Test Procedure	<p>Client B send a CreateContactList request to Server B</p> <p>Server B relays the request to Server A</p> <p>Client B logs out</p> <p>Client B logs in</p>
Pass-Criteria	After logging in again, Client B displays the new contact list.

Test Case Id	SSP-1.2-int-17C
Test Object	Presence
Test Case Description	<p>Verify the AddListMember functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying AddListMemeber.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> Both Servers support SSP PRSE-2 Server B supports CSP PRSE-4 Server A doesn't support CSP PRSE-4 Client A supports CSP PRSE-4
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 1 client (A) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Client A is logged in. Functioning servers with at some user account exist on Server A Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A Server B is the PSE of Client A (regarding the tested SCR items) <ul style="list-style-type: none"> Client A has a contact list
Test Procedure	<p>Client A displays a contact list and adds a user to the list</p> <p>The AddContactList request is relayed to server B</p> <p>Client A logs out</p> <p>Client A logs in</p>
Pass-Criteria	After logging in again, the new user appears in the contact list

Test Case Id	SSP-1.2-int-17CD
Test Object	Presence
Test Case Description	<p>Verify the AddListMember functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying AddListMemeber.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3 Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> Both Servers support SSP PRSE-2 Server A supports CSP PRSE-4 Server B doesn't support CSP PRSE-4 Client B supports CSP PRSE-4
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 1 client (B) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Client B is logged in. Functioning servers with at some user account exist on Server A Prerequisite for this test: <ul style="list-style-type: none"> Server B is the home domain for client B Server A is the PSE of Client B (regarding the tested SCR items) Client B has a contact list
Test Procedure	<p>Client B displays a contact list and adds a user to the list</p> <p>The AddContactList request is relayed to server A</p> <p>Client B logs out</p> <p>Client B logs in</p>
Pass-Criteria	After logging in again, the new user appears in the contact list

Test Case Id	SSP-1.2-int-18C
Test Object	Presence
Test Case Description	<p>Verify the RemoveListMember functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying RemoveListMemeber.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3 Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> Both Servers support SSP PRSE-2 Server B supports CSP PRSE-4 Server A doesn't support CSP PRSE-4 Client A supports CSP PRSE-4
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 1 client (A) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Client A is logged in. Functioning servers with at some user accounts existing on Server A Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A Server B is the PSE of Client A (regarding the tested SCR items) Client A has a contact list
Test Procedure	<p>Client A displays a contact list and removes a user from the list</p> <p>The RemoveContactList request is relayed to server B</p> <p>Client A logs out</p> <p>Client A logs in</p>
Pass-Criteria	After logging in again, the user is not listed in the contact list

Test Case Id	SSP-1.2-int-18CD
Test Object	Presence
Test Case Description	<p>Verify the RemoveListMember functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying RemoveListMemeber.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3 Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> Both Servers support SSP PRSE-2 Server A supports CSP PRSE-4 Server B doesn't support CSP PRSE-4 Client B supports CSP PRSE-4
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 1 client (B) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Client B is logged in. Functioning servers with at some user accounts existing on Server A Prerequisite for this test: <ul style="list-style-type: none"> Server B is the home domain for client B Server A is the PSE of Client B (regarding the tested SCR items) Client B has a contact list
Test Procedure	<p>Client B displays a contact list and removes a user from the list</p> <p>The RemoveContactList request is relayed to server A</p> <p>Client B logs out</p> <p>Client B logs in</p>
Pass-Criteria	After logging in again, the user is not listed in the contact list

Test Case Id	SSP-1.2-int-19C
Test Object	Presence
Test Case Description	<p>Verify the SetListProperties functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying SetListProperties.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3 Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> Both Servers support SSP PRSE-2 Server B supports CSP PRSE-4 Server A doesn't support CSP PRSE-4 Client A supports CSP PRSE-4
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 1 client (A) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Client A is logged in. Functioning servers with at some user accounts existing on Server A Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A Server B is the PSE of Client A (regarding the tested SCR items) Client A has a contact list
Test Procedure	<p>Client A displays a Contact List after login</p> <p>Client A sets a new "DisplayName" for the Contact List</p> <p>Server A relays the SetListPropsRequest to Server B</p> <p>Client A logs out</p> <p>Client A logs in</p>
Pass-Criteria	After logging in again, the contact list is displayed with the new name.

Test Case Id	SSP-1.2-int-19CD
Test Object	Presence
Test Case Description	<p>Verify the SetListProperties functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying SetListProperties.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3

	<ul style="list-style-type: none"> Both Servers support SSP SAP-5 Both Servers support SSP PRSE-2 Server A supports CSP PRSE-4 Server B doesn't support CSP PRSE-4 Client B supports CSP PRSE-4
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 1 client (B) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Client B is logged in. Functioning servers with at some user accounts existing on Server A Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A Server A is the PSE of Client B (regarding the tested SCR items) Client B has a contact list
Test Procedure	<p>Client B displays a Contact List after login</p> <p>Client B sets a new "DisplayName" for the Contact List</p> <p>Server B relays the SetListPropsRequest to Server A</p> <p>Client B logs out</p> <p>Client B logs in</p>
Pass-Criteria	After logging in again, the contact list is displayed with the new name.

Test Case Id	SSP-1.2-int-20C
Test Object	Presence
Test Case Description	<p>Verify the DeleteContactList functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying DeletContactList.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2

	<ul style="list-style-type: none"> • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP PRSE-2 • Server B supports CSP PRSE-3 • Server A doesn't support CSP PRSE-3 • Client A supports CSP PRSE-3
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 1 client (A) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client A is logged in. • Functioning servers with at some user accounts existing on Server A • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A • Server B is the PSE of Client A (regarding the tested SCR items) • Client A has a contact list
Test Procedure	<p>Client A displays a Contact List after login</p> <p>Client A sends a DeleteContactList request to Server A</p> <p>Server A relays it to Server B</p> <p>Client A logs out</p> <p>Client A logs in</p>
Pass-Criteria	After logging in again, the contact list is displayed with the new name.

Test Case Id	SSP-1.2-int-20CD
Test Object	Presence
Test Case Description	<p>Verify the DeleteContactList functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying DeletContactList.</p>
Specification Reference	WV_SSP_v1.2, chapter 11 Service Relay – Contact List Features.

SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP PRSE-2 • Server A supports CSP PRSE-3 • Server B doesn't support CSP PRSE-3 • Client B supports CSP PRSE-3
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 1 client (B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Client B is logged in. • Functioning servers with at some user accounts existing on Server A • Prerequisite for this test: <ul style="list-style-type: none"> • Server B is the home domain for client B
Test Procedure	<p>Client B displays a Contact List after login</p> <p>Client B sends a DeleteContactList request to Server B</p> <p>Server B relays it to Server A</p> <p>Client B logs out</p> <p>Client B logs in</p>
Pass-Criteria	After logging in again, the contact list is displayed with the new name.

6.4 IM [Mandatory]

Test Case Id	SSP-1.2-int-21M
Test Object	IM
Test Case Description	Verify the SendMessage functionality. The test case will concentrate on Server A for Pass / Fail of relaying SendMessage.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-4 • Both Servers support CSP IMSE-2 • Server B supports CSP IMSE-5 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with at someone or more user accounts existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B ▪ Server A is the PSE of client A , Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	<p>User A composes a new message and specifies user B as the recipient.</p> <p>User A sends the message</p> <p>Server A relays the message to Server B</p> <p>Server B forwards the message to Client B</p>

Pass-Criteria	Client A visually confirms that the message has been sent. Client B receives the message or the message notification.
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Test Case Id	SSP-1.2-int-21MD
Test Object	IM
Test Case Description	Verify the SendMessage functionality. The test case will concentrate on Server A for Pass / Fail of accepting and processing correctly relayed SendMessage.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-4 • Both Servers support CSP IMSE-2 • Server A supports CSP IMSE-5 • Client B supports CSP IMSE-2 • Client A supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with at someone or more user accounts existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server A is the PSE of client A , Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	User B composes a new message and specifies user A as the recipient. User B sends the message

	<p>Server B relays the message to Server A</p> <p>Server A forwards the message to Client A</p>
Pass-Criteria	<p>Client B visually confirms that the message has been sent.</p> <p>Client A receives the message or the message notification.</p>

Test Case Id	SSP-1.2-int-22M
Test Object	IM
Test Case Description	<p>Verify the ForwardMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying ForwardMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-5 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-9 • Server A supports CSP IMSE-12 • Server B supports CSP IMSE-5 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-4 • Client B supports CSP IMSE-12 • Client C supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 3 clients (A, B and C) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with 2 users on Server A and one user account on Server B

	<ul style="list-style-type: none"> • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A and Client B, Server B is the home domain for client C • Server A is the PSE of Client A and Client B, Server B is the PSE of Client C (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Client B indicates that message notification has been received</p> <p>User B forwards the received message to user C</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client C</p>
Pass-Criteria	Client C receives the Message or the Message Notification

Test Case Id	SSP-1.2-int-22MD
Test Object	IM
Test Case Description	<p>Verify the ForwardMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying ForwardMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-5 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-9 • Server B supports CSP IMSE-12 • Server A supports CSP IMSE-5 • Client B supports CSP IMSE-2 • Client C supports CSP IMSE-4 • Client C supports CSP IMSE-12 • Client A supports CSP IMSE-5
Tool	
Test code	

Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 3 clients (A, B and C) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with 2 users on Server B and one user account on Server A • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B and client C • Server A is the PSE of Client A, Server B is the PSE of Client B and Client C (regarding the tested SCR items)
Test Procedure	<p>User B composes new message and specifies user C as a recipient</p> <p>User B sends message</p> <p>Client C indicates that message notification has been received</p> <p>User C forwards the received message to user A</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A</p>
Pass-Criteria	Client A receives the Message or the Message Notification

Test Case Id	SSP-1.2-int-23M
Test Object	IM
Test Case Description	<p>Verify the DeliveryStatusReport functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying DeliveryStatusReport.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Both Servers support CSP IMSE-2 • Server B supports CSP IMSE-5

	<ul style="list-style-type: none"> • Server B supports CSP IMSE-11 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-5 • Client B supports CSP IMSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A specifies that delivery report is needed</p> <p>User A sends message</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client B (Client pulls the message if necessary)</p> <p>Server B sends Delivery Report to Server A</p> <p>Server A forwards the Delivery Report to Client A</p>
Pass-Criteria	<p>Client B receives the Message</p> <p>Client A receives the Delivery Report</p>

Test Case Id	SSP-1.2-int-23MD
Test Object	IM
Test Case Description	<p>Verify the DeliveryStatusReport functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying DeliveryStatusReport.</p>

Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Both Servers support CSP IMSE-2 • Server A supports CSP IMSE-5 • Server A supports CSP IMSE-11 • Client B supports CSP IMSE-2 • Client A supports CSP IMSE-5 • Client A supports CSP IMSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A,Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	<p>User B composes new message and specifies user A as a recipient</p> <p>User B specifies that delivery report is needed</p> <p>User B sends message</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A (Client pulls the message if necessary)</p> <p>Server A sends Delivery Report to Server B</p> <p>Server B forwards the Delivery Report to Client B</p>

Pass-Criteria	Client A receives the Message Client B receives the Delivery Report
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Test Case Id	SSP-1.2-int-24M
Test Object	IM
Test Case Description	Verify the NotifyDeliveryStatusReport functionality. The test case will concentrate on Server A for Pass / Fail of relaying NotifyDeliveryStatusReport.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Both Servers support CSP IMSE-2 • Server B supports CSP IMSE-5 • Server B supports CSP IMSE-7 • Server B supports CSP IMSE-11 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-5 • Client B supports CSP IMSE-7 • Client B supports CSP IMSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the

	<p>home domain for client B</p> <ul style="list-style-type: none"> • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A specifies that delivery report is needed</p> <p>User A sends message</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client B</p> <p>Client B rejects message</p> <p>Server B sends Delivery Report to Server A</p> <p>Server A forwards the Delivery Report to Client A</p>
Pass-Criteria	<p>Client A receives the Delivery Report and indicates that the message was not delivered</p>

Test Case Id	SSP-1.2-int-24MD
Test Object	IM
Test Case Description	<p>Verify the NotifyDeliveryStatusReport functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying NotifyDeliveryStatusReport.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-1 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-4 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Both Servers support CSP IMSE-2 • Server A supports CSP IMSE-5 • Server A supports CSP IMSE-7 • Server A supports CSP IMSE-11 • Client B supports CSP IMSE-2 • Client A supports CSP IMSE-5 • Client A supports CSP IMSE-7 • Client A supports CSP IMSE-11

Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A, Server B is the PSE of Client B (regarding the tested SCR items)
Test Procedure	<p>User B composes new message and specifies user A as a recipient</p> <p>User B specifies that delivery report is needed</p> <p>User B sends message</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A</p> <p>Client A rejects message</p> <p>Server A sends Delivery Report to Server B</p> <p>Server B forwards the Delivery Report to Client B</p>
Pass-Criteria	Client B receives the Delivery Report and indicates that the message was not delivered

6.5 IM [Optional]

Test Case Id	SSP-1.2-int-25C
Test Object	IM
Test Case Description	Verify the SendMessage functionality. The test case will concentrate on Server A for Pass / Fail of relaying SendMessage.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-4 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-5 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-5 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with at someone or more user accounts existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the home domain for client B • Server B is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	User A composes a new message and specifies user B as the recipient. User A sends the message

	<p>Server A forwards the message to Server B</p> <p>Server B forwards the message to Client B</p>
Pass-Criteria	<p>Client A visually confirms that the message has been sent.</p> <p>Client B receives the message or the message notification.</p>

Test Case Id	SSP-1.2-int-25CD
Test Object	IM
Test Case Description	<p>Verify the SendMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying SendMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-4 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-5 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-5 • Client B supports CSP IMSE-2 • Client A supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with at someone or more user accounts existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A, Server B is the

	<p>home domain for client B</p> <ul style="list-style-type: none"> • Server A is the PSE of both Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User B composes a new message and specifies user A as the recipient.</p> <p>User B sends the message</p> <p>Server B forwards the message to Server A</p> <p>Server A forwards the message to Client A</p>
Pass-Criteria	<p>Client B visually confirms that the message has been sent.</p> <p>Client A receives the message or the message notification.</p>

Test Case Id	SSP-1.2-int-26C
Test Object	IM
Test Case Description	<p>Verify the ForwardMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying ForwardMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-5 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-9 • Server A doesn't support CSP IMSE-12 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-5 • Server B supports CSP IMSE-9 • Server B supports CSP IMSE-12 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-4 • Client B supports CSP IMSE-12 • Client C supports CSP IMSE-5
Tool	

Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 3 clients (A, B and C) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with 2 users on Server A and one user account on Server B • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A and Client B, Server B is the home domain for client C • Server B is the PSE of Client A, Client B and Client C (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Client B indicates that message notification has been received</p> <p>User B forwards the received message to user C</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client C</p>
Pass-Criteria	Client C receives the Message or the Message Notification

Test Case Id	SSP-1.2-int-26CD
Test Object	IM
Test Case Description	<p>Verify the ForwardMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying ForwardMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-5 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-9

	<ul style="list-style-type: none"> • Server B doesn't support CSP IMSE-12 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-5 • Server A supports CSP IMSE-9 • Server A supports CSP IMSE-12 • Client B supports CSP IMSE-2 • Client C supports CSP IMSE-4 • Client C supports CSP IMSE-12 • Client A supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 3 clients (A, B and C) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with 2 users on Server A and one user account on Server B • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B and client C • Server A is the PSE of Client A, Client B and Client C (regarding the tested SCR items)
Test Procedure	<p>User B composes new message and specifies user C as a recipient</p> <p>User B sends message</p> <p>Client C indicates that message notification has been received</p> <p>User C forwards the received message to user A</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A</p>
Pass-Criteria	Client A receives the Message or the Message Notification

Test Case Id	SSP-1.2-int-27C
Test Object	IM

Test Case Description	<p>Verify the SetMessageDelivery functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying SetMessageDelivery.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-6 • Both Servers support SSP IMSE-7 • Both Servers support SSP IMSE-8 • Both Servers support SSP IMSE-9 • Server A doesn't support CSP IMSE-1 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-8 • Server A doesn't support CSP IMSE-9 • Server A doesn't support CSP IMSE-10 • Server B supports CSP IMSE-1 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-8 • Server B supports CSP IMSE-9 • Server B supports CSP IMSE-10 • Client A supports CSP IMSE-1 • Client A supports CSP IMSE-3 • Client A supports CSP IMSE-4 • Client A supports CSP IMSE-9 • Client A supports CSP IMSE-10 • Client B supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B).

	<ul style="list-style-type: none"> • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items) • Delivery method is set to push
<p>Test Procedure</p>	<p>User B composes new message and specifies user A as a recipient</p> <p>User B sends message</p> <p>Server B forwards it to Server A</p> <p>Server A forwards the message to Client A</p> <p>Client A sets the delivery method to Notify/Get</p> <p>Server A forwards the request to Server B</p> <p>User B composes new message and specifies user A as a recipient</p> <p>User B sends message</p> <p>Server B forwards the notification to Server A</p> <p>Server A forwards the message notification to Client A</p>
<p>Pass-Criteria</p>	<p>Client A receives the first message</p> <p>Client A gets only a notification of the second message</p>

<p>Test Case Id</p>	<p>SSP-1.2-int-27CD</p>
<p>Test Object</p>	<p>IM</p>
<p>Test Case Description</p>	<p>Verify the SetMessageDelivery functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying SetMessageDelivery.</p>
<p>Specification Reference</p>	<p>WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.</p>
<p>SCR Reference</p>	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-6 • Both Servers support SSP IMSE-7

	<ul style="list-style-type: none"> • Both Servers support SSP IMSE-8 • Both Servers support SSP IMSE-9 • Server B doesn't support CSP IMSE-1 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-8 • Server B doesn't support CSP IMSE-9 • Server B doesn't support CSP IMSE-10 • Server A supports CSP IMSE-1 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-8 • Server A supports CSP IMSE-9 • Server A supports CSP IMSE-10 • Client B supports CSP IMSE-1 • Client B supports CSP IMSE-3 • Client B supports CSP IMSE-4 • Client B supports CSP IMSE-9 • Client B supports CSP IMSE-10 • Client A supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A and Client B (regarding the tested SCR items) • Delivery method is set to push

<p>Test Procedure</p>	<p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Server A forwards it to Server B</p> <p>Server B forwards the message to Client B</p> <p>Client B sets the delivery method to Notify/Get</p> <p>Server B forwards the request to Server A</p> <p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Server A forwards the notification to Server B</p> <p>Server B forwards the message notification to Client B</p>
<p>Pass-Criteria</p>	<p>Client B receives the first message</p> <p>Client B gets only a notification of the second message</p>

<p>Test Case Id</p>	<p>SSP-1.2-int-28C</p>
<p>Test Object</p>	<p>IM</p>
<p>Test Case Description</p>	<p>Verify the PushMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying PushMessage.</p>
<p>Specification Reference</p>	<p>WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.</p>
<p>SCR Reference</p>	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-6 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-8 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-8 • Client A supports CSP IMSE-3 • Client A supports CSP IMSE-8 • Client B supports CSP IMSE-2
<p>Tool</p>	

Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User B composes new message and specifies user A as a recipient</p> <p>User B sends message</p> <p>Server B forwards it to Server A</p> <p>Server A forwards the message to Client A</p>
Pass-Criteria	<p>Client B visually confirms that message has been sent</p> <p>Client A receives the Message</p>

Test Case Id	SSP-1.2-int-28CD
Test Object	IM
Test Case Description	<p>Verify the PushMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying PushMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-6 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-8 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-8

	<ul style="list-style-type: none"> Client B supports CSP IMSE-3 Client B supports CSP IMSE-8 Client A supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 2 clients (A and B) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Both Clients are logged in. Functioning servers with one user account existing on each Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A , Server B is the home domain for client B Server A is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Server A forwards it to Server B</p> <p>Server B forwards the message to Client B</p>
Pass-Criteria	<p>Client A visually confirms that message has been sent</p> <p>Client B receives the Message</p>

Test Case Id	SSP-1.2-int-29C
Test Object	IM
Test Case Description	<p>Verify the MessageNotification functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying MessageNotification.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3 Both Servers support SSP SAP-5 Both Servers support SSP IMSE-7

	<ul style="list-style-type: none"> • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-9 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-9 • Client A supports CSP IMSE-4 • Client A supports CSP IMSE-9 • Client B supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items) • Client A supports Notify/Get delivery mechanism
Test Procedure	<p>User B composes new message and specifies user A as a recipient</p> <p>User B sends message</p> <p>Server B forwards it to Server A</p> <p>Server A forwards the message notification to Client A</p>
Pass-Criteria	<p>Client B visually confirms that message has been sent</p> <p>Client A receives the Message Notification</p>

Test Case Id	SSP-1.2-int-29CD
Test Object	IM
Test Case Description	<p>Verify the MessageNotification functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying MessageNotification.</p>

Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-7 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-9 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-9 • Client B supports CSP IMSE-4 • Client B supports CSP IMSE-9 • Client A supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • All 3 Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A and Client B (regarding the tested SCR items) • Client A supports Notify/Get delivery mechanism
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Server A forwards it to Server B</p> <p>Server B forwards the message notification to Client B</p>
Pass-Criteria	<p>Client A visually confirms that message has been sent</p> <p>Client B receives the Message Notification</p>

Test Case Id	SSP-1.2-int-30C
Test Object	IM
Test Case Description	Verify the GetMessage functionality. The test case will concentrate on Server A for Pass / Fail of relaying GetMessage.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-7 • Both Servers support SSP IMSE-8 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-9 • Server A doesn't support CSP IMSE-10 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-9 • Server B supports CSP IMSE-10 • Client A supports CSP IMSE-4 • Client A supports CSP IMSE-9 • Client A supports CSP IMSE-10 • Client B supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the

	<p>home domain for client B</p> <ul style="list-style-type: none"> • Server B is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<ul style="list-style-type: none"> • User B composes new message and specifies user A as a recipient • User B sends message • Server B forwards it to Server A • Server A forwards the message notification to Client A • Client A requests the new message • Server A forwards the request to Server B • Server B sends the new message • Server A forwards it to the user
Pass-Criteria	Client A receives the Message

Test Case Id	SSP-1.2-int-30CD
Test Object	IM
Test Case Description	<p>Verify the GetMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying GetMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-7 • Both Servers support SSP IMSE-8 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-9 • Server B doesn't support CSP IMSE-10 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-9 • Server A supports CSP IMSE-10 • Client A supports CSP IMSE-4 • Client A supports CSP IMSE-9

	<ul style="list-style-type: none"> Client A supports CSP IMSE-10 Client B supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 2 clients (A and B) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Both Clients are logged in. Functioning servers with one user account existing on each Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A , Server B is the home domain for client B Server A is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<ul style="list-style-type: none"> User A composes new message and specifies user B as a recipient User A sends message Server A forwards it to Server B Server B forwards the message notification to Client B Client B requests the new message Server B forwards the request to Server A Server A sends the new message Server B forwards it to the user
Pass-Criteria	Client B receives the Message

Test Case Id	SSP-1.2-int-31C
Test Object	IM
Test Case Description	<p>Verify the RejectMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying RejectMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> Both Servers support SSP SAP-2 Both Servers support SSP SAP-3

	<ul style="list-style-type: none"> • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-7 • Both Servers support SSP IMSE-11 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-4 • Server A doesn't support CSP IMSE-7 • Server A doesn't support CSP IMSE-9 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-4 • Server B supports CSP IMSE-7 • Server B supports CSP IMSE-9 • Client A supports CSP IMSE-4 • Client A supports CSP IMSE-7 • Client A supports CSP IMSE-9 • Client B supports CSP IMSE-2
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User B composes new message and specifies user A as a recipient</p> <p>User B sends message</p> <p>Server B forwards it to Server A</p> <p>Server A forwards the message notification to Client A</p>

	<p>Client A rejects the new message</p> <p>Server A forwards the rejection to Server B</p> <p>[Optional] Client A tries to get the same message</p>
Pass-Criteria	<p>Client A doesn't get message</p> <p>Message is deleted from server (if it can be checked)</p> <p>If Client A was able to request the same message, it received an error message indicating that the Message ID was invalid</p>

Test Case Id	SSP-1.2-int-31CD
Test Object	IM
Test Case Description	<p>Verify the RejectMessage functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying RejectMessage.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-7 • Both Servers support SSP IMSE-11 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-4 • Server B doesn't support CSP IMSE-7 • Server B doesn't support CSP IMSE-9 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-4 • Server A supports CSP IMSE-7 • Server A supports CSP IMSE-9 • Client B supports CSP IMSE-4 • Client B supports CSP IMSE-7 • Client B supports CSP IMSE-9 • Client A supports CSP IMSE-2
Tool	

Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Server A forwards it to Server B</p> <p>Server B forwards the message notification to Client B</p> <p>Client B rejects the new message</p> <p>Server B forwards the rejection to Server A</p> <p>[Optional] Client B tries to get the same message</p>
Pass-Criteria	<p>Client B doesn't get message</p> <p>Message is deleted from server (if it can be checked)</p> <p>If Client B was able to request the same message, it received an error message indicating that the Message ID was invalid</p>

Test Case Id	SSP-1.2-int-32C
Test Object	IM
Test Case Description	<p>Verify the DeliveryStatusReport functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying DeliveryStatusReport.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-5 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-5 • Server B supports CSP IMSE-11 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-5 • Client B supports CSP IMSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A specifies that delivery report is needed</p> <p>User A sends message</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client B (Client pulls the message if necessary)</p> <p>Server B sends Delivery Report to Server A</p> <p>Server A forwards the Delivery Report to Client A</p>
Pass-Criteria	<p>Client B receives the Message</p> <p>Client A receives the Delivery Report</p>

Test Case Id	SSP-1.2-int-32CD
Test Object	IM
Test Case Description	Verify the DeliveryStatusReport functionality. The test case will concentrate on Server A for Pass / Fail of relaying DeliveryStatusReport.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-5 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-5 • Server A supports CSP IMSE-11 • Client B supports CSP IMSE-2 • Client A supports CSP IMSE-5 • Client A supports CSP IMSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A and Client B (regarding the tested SCR items)

<p>Test Procedure</p>	<p>User B composes new message and specifies user A as a recipient</p> <p>User B specifies that delivery report is needed</p> <p>User B sends message</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A (Client pulls the message if necessary)</p> <p>Server A sends Delivery Report to Server B</p> <p>Server B forwards the Delivery Report to Client B</p>
<p>Pass-Criteria</p>	<p>Client A receives the Message</p> <p>Client B receives the Delivery Report</p>

<p>Test Case Id</p>	<p>SSP-1.2-int-33C</p>
<p>Test Object</p>	<p>IM</p>
<p>Test Case Description</p>	<p>Verify the NotifyDeliveryStatusReport functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying NotifyDeliveryStatusReport.</p>
<p>Specification Reference</p>	<p>WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.</p>
<p>SCR Reference</p>	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-5 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-5 • Server B supports CSP IMSE-7 • Server B supports CSP IMSE-11 • Client A supports CSP IMSE-2 • Client B supports CSP IMSE-5 • Client B supports CSP IMSE-7 • Client B supports CSP IMSE-11

Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A specifies that delivery report is needed</p> <p>User A sends message</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client B</p> <p>Client B rejects message</p> <p>Server B sends Delivery Report to Server A</p> <p>Server A forwards the Delivery Report to Client A</p>
Pass-Criteria	Client A receives the Delivery Report that indicates that the message was not delivered

Test Case Id	SSP-1.2-int-33CD
Test Object	IM
Test Case Description	<p>Verify the NotifyDeliveryStatusReport functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying NotifyDeliveryStatusReport.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5

	<ul style="list-style-type: none"> • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-12 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-5 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-5 • Server A supports CSP IMSE-7 • Server A supports CSP IMSE-11 • Client B supports CSP IMSE-2 • Client A supports CSP IMSE-5 • Client A supports CSP IMSE-7 • Client A supports CSP IMSE-11
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A and Client B (regarding the tested SCR items)
Test Procedure	<p>User B composes new message and specifies user A as a recipient</p> <p>User B specifies that delivery report is needed</p> <p>User B sends message</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A</p> <p>Client A rejects message</p> <p>Server A sends Delivery Report to Server B</p>

	Server B forwards the Delivery Report to Client B
Pass-Criteria	Client B receives the Delivery Report that indicates that the message was not delivered

Test Case Id	SSP-1.2-in34C
Test Object	IM
Test Case Description	Verify the BlockUserRequest functionality. The test case will concentrate on Server A for Pass / Fail of relaying BlockUserRequest.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-17 • Server A doesn't support CSP IMSE-2 • Server A doesn't support CSP IMSE-14 • Server B supports CSP IMSE-2 • Server B supports CSP IMSE-5 • Server B supports CSP IMSE-14 • Client A supports CSP IMSE-2 • Client A supports CSP IMSE-14 • Client B supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test:

	<ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items) • User A does not block User B
Test Procedure	<p>User B composes new message and specifies user A as a recipient</p> <p>User B sends message</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A (Client A pulls the message if necessary)</p> <p>After receiving message User A blocks User B</p> <p>Server A relays the blocking request to Server B</p> <p>User B composes another message and specifies User A as a recipient</p> <p>User B sends message</p>
Pass-Criteria	<p>Client A receives first message</p> <p>Client A doesn't receive second message</p>

Test Case Id	SSP-1.2-int-34CD
Test Object	IM
Test Case Description	<p>Verify the BlockUserRequest functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying BlockUserRequest.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<ul style="list-style-type: none"> • Both Servers support SSP SAP-2 • Both Servers support SSP SAP-3 • Both Servers support SSP SAP-5 • Both Servers support SSP IMSE-4 • Both Servers support SSP IMSE-17 • Server B doesn't support CSP IMSE-2 • Server B doesn't support CSP IMSE-14 • Server A supports CSP IMSE-2 • Server A supports CSP IMSE-5 • Server A supports CSP IMSE-14

	<ul style="list-style-type: none"> Client B supports CSP IMSE-2 Client B supports CSP IMSE-14 Client A supports CSP IMSE-5
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> Equipment: <ul style="list-style-type: none"> 2 clients (A and B) 2 servers (A and B). State: <ul style="list-style-type: none"> Servers A and B has established their sessions Both Clients are logged in. Functioning servers with one user account existing on each Prerequisite for this test: <ul style="list-style-type: none"> Server A is the home domain for client A , Server B is the home domain for client B Server A is the PSE of Client A and Client B (regarding the tested SCR items) User B does not block User A
Test Procedure	<p>User A composes new message and specifies user B as a recipient</p> <p>User A sends message</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client B (Client B pulls the message if necessary)</p> <p>After receiving message User B blocks User A</p> <p>Server B relays the blocking request to Server A</p> <p>User A composes another message and specifies User B as a recipient</p> <p>User A sends message</p>
Pass-Criteria	<p>Client B receives first message</p> <p>Client B doesn't receive second message</p>

Test Case Id	SSP-1.2-int-35C
Test Object	IM
Test Case Description	<p>Verify the BlockUserRequest functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying</p>

	BlockUserRequest.
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<p>Both Servers support SSP SAP-2</p> <p>Both Servers support SSP SAP-3</p> <p>Both Servers support SSP SAP-5</p> <p>Both Servers support SSP IMSE-4</p> <p>Both Servers support SSP IMSE-17</p> <p>Server A doesn't support CSP IMSE-2</p> <p>Server A doesn't support CSP IMSE-14</p> <p>Server B supports CSP IMSE-2</p> <p>Server B supports CSP IMSE-5</p> <p>Server B supports CSP IMSE-14</p> <p>Client A supports CSP IMSE-2</p> <p>Client A supports CSP IMSE-14</p> <p>Client B supports CSP IMSE-5</p>
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State: <ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server B is the PSE of Client A and Client B (regarding the tested SCR items) • User A blocks User B
Test Procedure	<p>User B composes new message and specifies User A as a recipient</p> <p>User B sends message</p> <p>Server B forwards message to Server A</p> <p>User A unblocks User B</p>

	<p>User B composes another message and specifies User A as a recipient</p> <p>User B sends message</p> <p>Server B forwards message to Server A</p> <p>Server A forwards the message to Client A (Client A pulls the message if necessary)</p>
Pass-Criteria	<p>Client A doesn't receive first message</p> <p>Client A receives second message</p>

Test Case Id	SSP-1.2-int-35CD
Test Object	IM
Test Case Description	<p>Verify the BlockUserRequest functionality.</p> <p>The test case will concentrate on Server A for Pass / Fail of relaying BlockUserRequest.</p>
Specification Reference	WV_SSP_v1.2, chapter 13 Service Relay – Instant Messaging Features.
SCR Reference	<p>Both Servers support SSP SAP-2</p> <p>Both Servers support SSP SAP-3</p> <p>Both Servers support SSP SAP-5</p> <p>Both Servers support SSP IMSE-4</p> <p>Both Servers support SSP IMSE-17</p> <p>Server B doesn't support CSP IMSE-2</p> <p>Server B doesn't support CSP IMSE-14</p> <p>Server A supports CSP IMSE-2</p> <p>Server A supports CSP IMSE-5</p> <p>Server A supports CSP IMSE-14</p> <p>Client B supports CSP IMSE-2</p> <p>Client B supports CSP IMSE-14</p> <p>Client A supports CSP IMSE-5</p>
Tool	
Test code	
Preconditions	<ul style="list-style-type: none"> • Equipment: <ul style="list-style-type: none"> • 2 clients (A and B) • 2 servers (A and B). • State:

	<ul style="list-style-type: none"> • Servers A and B has established their sessions • Both Clients are logged in. • Functioning servers with one user account existing on each • Prerequisite for this test: <ul style="list-style-type: none"> • Server A is the home domain for client A , Server B is the home domain for client B • Server A is the PSE of Client A and Client B (regarding the tested SCR items) • User B blocks User A
<p>Test Procedure</p>	<p>User A composes new message and specifies User B as a recipient</p> <p>User A sends message</p> <p>Server A forwards message to Server B</p> <p>User B unblocks User A</p> <p>User A composes another message and specifies User B as a recipient</p> <p>User A sends message</p> <p>Server A forwards message to Server B</p> <p>Server B forwards the message to Client B (Client B pulls the message if necessary)</p>
<p>Pass-Criteria</p>	<p>Client B doesn't receive first message</p> <p>Client B receives second message</p>

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version –or- No previous version within OMA

A.2 Draft/Candidate Version <current version> History

Document Identifier	Date	Sections	Description
Draft Version for IMPS SSP 1.2	19 Aug 2004		Converted SSP ETS 1.1 to SSP ETS 1.2 and used current OMA Template