# Enabler Test Specification for Presence SIMPLE

## Interoperability

Candidate Version 1.0 – 06 Jun 2006

**Open Mobile Alliance**
OMA-ETS-Presence_SIMPLE_INT-V1_0-20060606-C

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# Contents

# 1. Scope

This document describes in detail available test cases for Presence-SIMPLE V1.0 enabler (http://www.openmobilealliance.org).

This test specification only covers interoperability test cases.

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

If tests do not exists at the creation of the test specification this part should be 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/ |
| **[RFC2119]** | "Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997, URL:http://www.ietf.org/rfc/rfc2119.txt |
| **[ERELD]** | "Enabler Release Document for Presence", Open Mobile Alliance™, OMA-ERELD-SIMPLE-V1_0, URL:http://www.openmobilealliance.org/ |
| **[OMARDPOC]** | "Push to Talk over Cellular Requirements", Version 1.0, Open Mobile Alliance™, OMA-RD_PoC-V1_0, URL:http://www.openmobilealliance.org/ |
| **[OMARDPRES]** | "Presence Requirements", Version 1.0, Open Mobile Alliance™, OMA-RD_Presence_SIMPLE-V1_0, URL:http://www.openmobilealliance.org/ |
| **[OMA-Presence-XDM]** | "Presence XDM Specification", Version 1.0, Open Mobile Alliance™, OMA-Presence_SIMPLE_XDM _Specification-V1_0, URL:http://www.openmobilealliance.org/ |
| **[OMA-RLS-XDM]** | "Resource List Server (RLS) XDM Specification", Version 1.0, Open Mobile Alliance™, OMA-Presence_SIMPLE_RLS_XDM _Specification-V1_0, URL:http://www.openmobilealliance.org/ |
| **[OMATSPRES]** | "Presence SIMPLE Specification", Version 1.0, Open Mobile Alliance™, OMA-TS-Presence_SIMPLE-V1_0,  URL:http://www.openmobilealliance.org/ |

## 2.2 Informative References

| | |
|---|---|
| **[OMADICT]** | "Dictionary for OMA Specifications", Open Mobile Alliance™. OMA-Dictionary, URL:http://www.openmobilealliance.org/ |
| **[OMAADPRES]** | "Stage 2 - Presence using SIMPLE", Version 1.0, Open Mobile Alliance™, OMA-AD-Presence_SIMPLE-V1_0, URL: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.

**Following test case numbering scheme is followed in the ETS for different Test Sections.**

Note: In following numbering scheme "int" stands for "Interoperability Test Cases". E.g. the first Interoperability test cases will be "Presence-1.0-int-0100".

Following is the definition of fields in the naming convention:

| PRES-1.0 | Int | 01 | 00 |
|---|---|---|---|
| Specification Release (Presence-SIMPLE Version) number. | Int – Interoperability | Test-category | Test Sequence Number |

## 3.2 Definitions

| | |
|---|---|
| **user** | A person using UE. |
| **User[N]** | A subscriber assigned to UE, where N is an integer number (i.e. User1, User2, etc.) |
| **UE[N]** | A client terminal with assigned User[N], used for testing where N is an integer number (i.e. UE1, UE2, etc.). |

## 3.3 Abbreviations

| | |
|---|---|
| **OMA** | Open Mobile Alliance |
| **PS** | Presence Server |
| **PoC** | Push to talk over Cellular |
| **RD** | Requirements Document |
| **RLS** | Resource List Server |
| **SIP** | Session Initiation Protocol |
| **URI** | Universal Resource Identifier |
| **XCAP** | XML Configuration Access Protocol |
| **XDMC** | XML Document Management Client |
| **XDMS** | XML Document Management Server |
| **XML** | Extensible Mark-up Language |

## 3.4 Testing Policies

This section is intended to describe the testing policies used throughout the document.

For the UE testing, the focus is on UE1 (from Company1), UE2 (from Company2) and UE3 (from either Company). UE1, UE2, RLS and the Presence Server MUST be from different vendors.

There are no vendor restrictions for UE3 and XDMS.

## 3.5 Testing Assumptions

For all test cases throughout the document, the following assumptions are valid unless stated otherwise.  Therefore, these assumptions shall be seen as a part of the preconditions:

General:

- The UE will contain a Presence Source and/or a Watcher, and is able to communicate with a Presence Server, Resource List Server, and Shared, Presence and RLS XDM Servers.

- The UE is able to show presence information.

# 4. Introduction

The purpose of this document is to provide test cases for Presence SIMPLE Enabler Release V1.0.

The following items on an overall level are needed to adequately test the Presence SIMPLE Enabler:

- Clients that contains Watcher and Presence Source logical components
- Clients capable of manipulating its Authorization Rules Document that is stored in Presence XDMS
- Presence Server
- Shared, Presence and RLS XDMS with Aggregation Proxy
- Resource List Server

Detailed information will be included in the specific test case descriptions.

The Presence SIMPLE Enabler tests are carried out using XCAP and SIP protocols. The transport protocols used are UDP, TCP and TLS.

# 5. Presence-SIMPLE Interoperability Test Cases

- This section covers the test cases defined for interoperability testing of the Presence SIMPLE enabler.

## 5.1 Presence Features

This section lists the test cases that can be executed by the following configurations of implementations:

- Client with XDMC, Presence Source and Watcher functionality.
- Aggregation Proxy with a Presence XDMS

### 5.1.1 Normal Flow

#### 5.1.1.1 Presence-1.0-int-0100 Publication of Presence information

| Test Case Id | Presence-1.0-int-0100 |
|---|---|
| **Test Object** | UE with Presence Source and UE with Presence Watcher functionality, Presence Server. |
| **Test Case Description** | Verify that presence information published by an UE will be received by another UE, which subscribes for that information.<br><br>TEST CASE GOAL: Verify that when UE1 publishes presence information, UE2, as Watcher, will receive the presence information. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment:<br> o 2 UEs (with User1 and User2 credentials)<br> o Presence Server<br> o Presence XDMS<br>• Prerequisite for this test:<br> o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br> o UE2 capable of displaying presence information.<br> o User1 and User2 will have a set of commonly supported Presence elements.<br> o User1 has no active publications<br> o User2 has no active subscriptions for User1 |
| **Test Procedure** | 1. User2 subscribes to presence information from User1.<br>2. User1 publishes presence information for all commonly supported Presence elements. |
| **Pass-Criteria** | 2. UE2 displays the presence information published by User1 |

## 5.1.1.2 Presence-1.0-int-0101 Publication of Presence information, publish modification

| Test Case Id | Presence-1.0-int-0101 |
|---|---|
| Test Object | UEs with Presence Source and Presence Watcher functionality, Presence Server. |
| Test Case Description | Verify that presence information modified by an UE will be displayed accordingly in another UE, which subscribes for that information.<br><br>TEST CASE GOAL: Verify that when User1 modifies presence information, User2, as Watcher, will receive the updated presence information. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test code | N/A |
| Preconditions | • Equipment:<br> o 2 UEs (with User1 and User2 credentials)<br> o Presence Server<br> o Presence XDMS<br>• Prerequisite for this test:<br> o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br> o UE2 capable of displaying presence information.<br> o User1 and User2 will have a set of commonly supported Presence elements.<br> o User1 has no active publications.<br> o User2 has an active subscription to User1. |
| Test Procedure | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. User1 modifies the presence information that has already been published, e.g. change of mood. |
| Pass-Criteria | 2. UE2 displays the updated presence information related to User1. |

### 5.1.1.3 Presence-1.0-int-0102 Publication of Presence information, removal

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0102 |
| Test Object | UEs with Presence Source and Presence Watcher functionality, Presence Server. |
| Test Case Description | Verify that presence publications terminated by an UE will be displayed in another UE.<br><br>TEST CASE GOAL: Verify that when User1 terminates its presence publication, User2, as Watcher, will be displayed. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test code | N/A |
| Preconditions | • Equipment:<br>    o 2 UEs (with User1 and User2 credentials)<br>    o Presence Server<br>    o Presence XDMS<br>• Prerequisite for this test:<br>    o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br>    o UE1 capable to terminate its publication (expiration Header = 0)<br>    o UE2 capable of displaying presence information.<br>    o User1 and User2 will have a set of commonly supported Presence elements.<br>    o User1 has an active publication.<br>    o User2 has an active subscription to User1. |
| Test Procedure | 1. User1 modifies the active presence information that has already been published.<br>2. User1 removes (terminates) his publication. |
| Pass-Criteria | 1. UE2 displays the presence information published by User1.<br>2. UE2 displays that User1 is not available. |

## 5.1.1.4 Presence-1.0-int-0104 Publication of Presence information, subscription removal

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0104 |
| Test Object | UEs with Presence Source and presence Watcher functionality, Presence Server |
| Test Case Description | An UE, acting as a Watcher terminates its subscriptions, and another UE, the presence source, updates the presence information.<br><br>TEST CASE GOAL: Verify that a Watcher, which has terminated its subscription, does not display any presence updates. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>   o 2 UEs (with User1 and User2 credentials)<br>   o Presence Server<br>   o Presence XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br>   o UE2 is capable of displaying presence information.<br>   o User1 and User2 will have a set of commonly supported Presence elements.<br>   o User1 has no active publications.<br>   o User2 has no subscription to User1 active.<br>   o UE2 capable of removing its subscription. (Expires Header = 0) |
| Test Procedure | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. User2 subscribes to presence information from User1.<br>3. User2 removes the subscription to presence information from User1.<br>4. User1 modifies the active presence information that has already been published. |
| Pass-Criteria | 2. UE2 displays the presence information published by User1.<br>4. UE2 does not display any presence information from User1. |

### 5.1.1.5 Presence-1.0-int-0105 Publication of Presence information, subscription refresh

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0105 |
| Test Object | UEs with Presence Source and presence Watcher functionality, Presence Server |
| Test Case Description | Verify that Presence Server keeps sending presence information to a UE, acting as a watcher, after subscription refresh.<br><br>TEST CASE GOAL: Verify that a UE retrieves and displays the presence information after the subscription refresh. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br> o 2 UEs (with User1 and User2 credentials)<br> o Presence Server<br> o Presence XDMS<br>• Prerequisite for this test:<br> o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br> o UE2 is capable of displaying presence information.<br> o UE2 is capable of setting expiration time of a subscription.<br> o Presence Server permits a subscription expiration time of 60 seconds.<br> o User1 and User2 will have a set of commonly supported Presence elements.<br> o User1 has no active publications.<br> o User2 has no subscription to User1 active. |
| Test Procedure | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. User2 subscribes to presence information from User1 using a particular expiration time (e.g. expiration time = 60 seconds).<br>3. Within the time subscription duration (60 seconds), User2 subscribes again (subscription refresh) to presence information related to presence information of User1 (expiration time = 60 seconds).<br>4. User1 modifies its presence information. |
| Pass-Criteria | 2. UE2 displays the presence information published by User1.<br>4. UE2 displays the updated presence information published by User1. |

### 5.1.1.6 Presence-1.0-int-0106 Partial Publication of Presence information (Includes Optional Features)

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0106 |
| Test Object | UEs with Presence Source with partial publication capabilities and Presence Watcher functionality, Presence Server with partial publication capabilities. |
| Test Case Description | Verify that presence information modified by an UE via partial publication will be displayed accordingly in another UE, which subscribes for that information.<br><br>TEST CASE GOAL: Verify that when User1 modifies presence information via partial publication, User2, as Watcher, will receive the updated presence information. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test code | N/A |
| Preconditions | • Equipment:<br>   o 2 UEs (with User1 and User2 credentials)<br>   o Presence Server<br>   o Presence XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br>   o UE2 capable of displaying presence information.<br>   o User1 and User2 will have a set of commonly supported Presence elements.<br>   o User1 has no active publications.<br>   o User2 has an active subscription to User1. |
| Test Procedure | 1. User1 publishes presence information for all commonly supported Presence elements.<br><br>2. User1 modifies via partial publication the presence information that has already been published, e.g. change of mood. |
| Pass-Criteria | 2. UE2 displays the updated presence information related to User1. |

### 5.1.1.7 Presence-1.0-int-0107 Notification of Presence information from multiple Presentities

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0107 |
| Test Object | UEs with Presence Source and Presence Watcher functionality, Presence Server. |
| Test Case Description | Verify that a Presence Server can store and manage presence information coming from multiple UEs, acting as Presence Sources and related to several Users, and correctly notify one UE, acting as a Watcher the presence information. |

| | |
|---|---|
| | TEST CASE GOAL: Verify that a UE, acting as a Watcher, is able to display the presence information when subscribing to presence information of several other users. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>  o 3 UEs (with User1, User2 and User3 credentials)<br>  o Presence Server<br>  o Presence XDMS<br>• Prerequisite for this test:<br>  o In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see any of the presence information belonging to User1 and User2.<br>  o UE3 capable of displaying presence information.<br>  o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>  o User1 has no active publications.<br>  o User2 has no active publications.<br>  o User3 has two active subscriptions; to User1 and User2. |
| Test Procedure | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. User2 publishes presence information for all commonly supported Presence elements. |
| Pass-Criteria | 1. UE3 displays the presence information published by User1.<br>2. UE3 displays the presence information published by User2. |

## 5.1.1.8  Presence-1.0-int-0108 Partial Notification of Presence information (Includes Optional Features)

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0108 |
| Test Object | UEs with Presence Watcher with partial notification capabilities and Presence Source functionality, Presence Server with partial notification capabilities. |
| Test Case Description | Verify that presence information modified by an UE will be displayed accordingly in another UE, which subscribes via partial subscription to that information.<br><br>TEST CASE GOAL: Verify that when User1 modifies presence information, User2, as Watcher, will receive the updated presence information via partial notification. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |

| Tool | N/A |
|---|---|
| Test code | N/A |
| Preconditions | • Equipment:<br>    o  2 UEs (with User1 and User2 credentials)<br>    o  Presence Server<br>    o  Presence XDMS<br>• Prerequisite for this test:<br>    o  In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br>    o  UE2 capable of displaying presence information.<br>    o  User1 and User2 will have a set of commonly supported Presence elements.<br>    o  User1 has no active publications.<br>    o  User2 has no active subscription to User1. |
| Test Procedure | 1. User 2 subscribes via partial subscription to presence information from User 1.<br>2. User1 publishes presence information for all commonly supported Presence elements.<br>3. User1 modifies the presence information that has already been published, e.g. change of mood. |
| Pass-Criteria | 2. UE2 displays the presence information related to User1 via partial notification.<br>3. UE2 displays the updated presence information related to User1 via partial notification. |

### 5.1.1.9 Presence-1.0-int-0109 Distribution Policy (Presence Content Rules I)

| Test Case Id | Presence-1.0-int-0109 |
|---|---|
| **Test Object** | UEs with Presence Source, Presence Watcher and XDMC functionality, Presence Server, Presence XDMS. |
| **Test Case Description** | Verify that a User is able to define policies so that different presence information can be sent to different Users, acting as Watchers.<br><br>TEST CASE GOAL: Verify that a User, acting as a Presentity can allow one User to see a different presence content than another User, acting as Watchers. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test Code** | N/A |
| **Preconditions** | • Equipment:<br>   o 3 UEs (with User1, User2 and User3 credentials)<br>   o Presence Server<br>   o Presence XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains no information about User2 and User3 authorizations to see any of the presence information belonging to User1.<br>   o UE2, UE3 capable of displaying presence information.<br>   o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>   o User1 has an active publication with all commonly supported Presence elements.<br>   o User1 can change his authorizations rules document.<br>   o User2 and User3 have no active subscriptions. |
| **Test Procedure** | 1. User1 sets authorizations rules and content access for User2.<br>2. User1 sets authorizations rules and content access for User3 (different than for User2).<br>3. User2 subscribes to presence information from User1.<br>4. User3 subscribes to presence information from User1 |
| **Pass-Criteria** | 3. UE2 displays the presence information published by User1 according to the rules for User2 set by User1.<br>4. UE3 displays the presence information published by User1 according to the rules for User3 set by User1 |

### 5.1.1.10 Presence-1.0-int-0110 Distribution Policy (Presence Content Rules II)

| Test Case Id | Presence-1.0-int-0110 |
|---|---|
| **Test Object** | UEs with Presence Source, Presence Watcher and XDMC functionality, Presence Server, Presence XDMS. |
| **Test Case Description** | Verify that a User is able to define policies so that the same presence information elements but with different can be sent to different Users, acting as Watchers.<br><br>TEST CASE GOAL: Verify that a User, acting as a Presentity can allow one User to see the same presence information elements but with different values than another User, acting as Watchers. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test Code** | N/A |
| **Preconditions** | • Equipment:<br>   o 3 UEs (with User1, User2 and User3 credentials)<br>   o Presence Server<br>   o Presence XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains no information about User2 and User3 authorizations to see any of the presence information belonging to User1.<br>   o UE2, UE3 capable of displaying presence information.<br>   o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>   o User1 has no active publication.<br>   o User1 can change his authorizations rules document.<br>   o User2 and User3 have no active subscriptions. |

| | |
|---|---|
| **Test Procedure** | 1. User1 sets authorizations rules and content access for User2, allowing User2 to see elements of his presence information (tuple/s, device/s and/or person/s) whose class subelement is "forUser2"<br><br>2. User1 sets authorizations rules and content access for User3, allowing User3 to see elements of his presence information (tuple/s, device/s and/or person/s) whose class subelement is "forUser3".<br><br>3. User1 publishes presence information for all his supported Presence elements (tuple/s, device/s and/or person/s), some with class subelement "forUser2" and some with class subelement "forUser3"..<br><br>4. User2 subscribes to presence information from User1.<br><br>5. User3 subscribes to presence information from User1. |
| **Pass-Criteria** | 4. UE2 receives and displays only the elements (tuple/s, device/s and/or person/s) with class subelement "forUser2" published by User1<br>5. UE3 receives and displays only the elements (tuple/s, device/s and/or person/s) with class subelement "forUser3" published by User1 |

### 5.1.1.11 Presence-1.0-int-0111 Combining presence elements from different presence sources

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0111 |
| Test Object | UEs with Presence Source and Presence Watcher functionality, Presence Server. |
| Test Case Description | Verify that a Presence Server supports the combination of different presence information elements of a particular User coming from different UEs, acting as presence sources.<br><br>TEST CASE GOAL: Verify that a Presence Server is able to apply presence composition rules, and notify a UE, acting as a Watcher, the correct presence information. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N//A |
| Preconditions | • Equipment:<br>    o 2 UEs (UE1 and UE2 with User1 credentials)<br>    o 1 UE (UE3 with User2 credential)<br>    o Presence Server<br>    o Presence XDMS<br>• Prerequisite for this test:<br>    o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br>    o UE3 capable of displaying presence information.<br>    o User1 and User2 will have a set of commonly supported Presence elements.<br>    o User2 has an active subscription to User1. |
| Test Procedure | 1. User1 using UE1 publishes its own presence information related to User1.<br><br>2. User1 using UE2 publishes its own presence information related to User1 with different kind and/or values elements than UE1. |
| Pass-Criteria | 2 UE3 displays the presence information published by User1, according to the presence composition rules. |

### 5.1.1.12 Presence-1.0-int-0120 Publication of presence information, Subscription Poll Request

| | |
|---|---|
| **Test Case Id** | Presence-1.0-int-0120 |
| **Test Object** | UEs with presence source and presence Watcher functionality, Presence Server. |
| **Test Case Description** | Verify that a UE successfully publishes and retrieves presence information by polling. <br><br> TEST CASE GOAL: Verify that one user using Polling Subscription, will retrieve presence information from another user, which has an active publication. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment: <br>     o 2 UEs (with User1 and User2 credentials) <br>     o Presence Server <br>     o Presence XDMS <br><br> • Prerequisite for this test: <br>     o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1. <br>     o User1 and User2 will have a set of commonly supported Presence elements <br>     o UE2 is capable of displaying presence information. <br>     o User1 has no active publications. <br>     o User2 has no active subscriptions. <br>     o UE2 has the capability to subscribe for presence information using poll. |
| **Test Procedure** | 1. User1 publishes presence information for all commonly supported Presence elements. <br><br> 2. User2 subscribes to presence information from User1 using poll (Expires Header = 0). <br><br> 3. User1 modifies the active presence information that has been published. |
| **Pass-Criteria** | 2. UE2 displays the presence information published by User1. <br><br> 3. UE2 does not display the updated presence information by User1. |

### 5.1.1.13    Presence-1.0-int-0121 Anonymous Distribution Policy

| | |
|---|---|
| **Test Case Id** | Presence-1.0-int-0121 |
| **Test Object** | UEs with Presence Source, Presence Watcher and XDMC functionality, Presence Server, Presence XDMS. |
| **Test Case Description** | Verify that a User is able to define policies so that defined presence information can be sent to an anonymous User, acting as a Watcher.<br><br>TEST CASE GOAL: Verify that a User, acting as a Presentity can define the contents a User authenticated as anonymous and acting as a Watcher will see. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test Code** | N/A |
| **Preconditions** | • Equipment:<br>　　o   3 UEs (with User1, User2 and User3 credentials)<br>　　o   Presence Server<br>　　o   Presence XDMS<br>• Prerequisite for this test:<br>　　o   In the Presence XDMS, the Presence Authorization Rules document for User1 contains information about what presence information anonymous Users are allowed to see. User3 is allowed to see any of User1 presence information.<br>　　o   UE2 and UE3 capable of displaying presence information.<br>　　o   User1, User2 and User3 will have a set of commonly supported Presence elements.<br>　　o   User1 has an active publication with all commonly supported Presence elements, some not allowed to be seen by anonymous users.<br>　　o   User2 has no active subscriptions.<br>　　o   User3 has no active subscriptions. |
| **Test Procedure** | 1.   User3 subscribes to Presence Information from User1<br>2.   User2 subscribes as Anonymous to presence information from User1. |
| **Pass-Criteria** | 1.   UE3 displays all presence information from User1.<br>2.   UE2 displays Presence information of User1 according to the rules for anonymous subscriptions set by User1. |

## 5.1.1.14 Presence-1.0-int-0122 Default Policy

| Test Case Id | Presence-1.0-int-0122 |
|---|---|
| Test Object | UEs with Presence Source, Presence Watcher and XDMC functionality, Presence Server, Presence XDMS. |
| Test Case Description | Verify that a User is able to define policies so that defined presence information can be sent to unspecified Users (not known in the Presence Rules document), acting as Watchers.<br><br>TEST CASE GOAL: Verify that a User, acting as a Presentity can define the contents an unspecified User, acting, as a Watcher will see. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>  o 3 UEs (with User1, User2 and User3 credentials)<br>  o Presence Server<br>  o Presence XDMS<br>• Prerequisite for this test:<br>  o In the Presence XDMS, the Presence Authorization Rules document contains information about default policy authorizations for presence information belonging to User1. User3 is allowed to see any of User1 presence information.<br>  o UE2 and UE3 capable of displaying presence information.<br>  o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>  o The default policy contains less information than all commonly supported Presence elements.<br>  o User1 has an active publication with all commonly supported Presence elements.<br>  o User2 has no active subscriptions.<br>  o User3 has no active subscriptions. |
| Test Procedure | 1. User3 subscribes to presence information from User1.<br>2. User2 subscribes to presence information from User1. |
| Pass-Criteria | 1. UE3 displays Presence information of User1.<br>2. UE2 displays Presence information of User1 according to the default policy set by User1. |

## 5.1.1.15 Presence-1.0-int-0123 Authorization management for groups

| Test Case Id | Presence-1.0-int-0123 |
|---|---|
| Test Object | UEs with Presence Source, Presence Watcher and XDMC functionality, Presence Server, and Shared XDMS. |
| Test Case Description | Verify that a Presence Server can handle the Presence Rules document for groups of watchers stored in the Shared XDMS.<br><br>TEST CASE GOAL: Verify that a UE, acting as a XDMC, can modify his |

| | |
|---|---|
| | permissions for groups of watcher stored in the Shared XDMS, and the PS handles these permissions properly. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br><br>    o 2 UEs (with User1, User2 credentials)<br><br>    o Presence Server<br><br>    o Presence XDMS<br><br>    o Shared XDMS<br><br>• Prerequisite for this test:<br><br>    o In the Presence XDMS, the Presence Authorization Rules document contains information that Group A is authorized to see any of the presence information belonging to User1.<br><br>    o User2 is a member of Group A as defined by User1<br><br>    o UE2 capable of displaying presence information.<br><br>    o User1 and User2 will have a set of commonly supported Presence elements.<br><br>    o User1 has no active publications.<br><br>    o User1 has the ability of changing the content of its Presence Authorization Rules Document.<br><br>    o User2 has no active subscriptions. |
| Test Procedure | 1. User1 publishes presence information for all commonly supported mandatory Presence elements.<br><br>2. User2 subscribe to presence information from User1.<br><br>3. User1 updates the Authorization Rules Document in PS XDMS to block Group A to see his presence.<br><br>4. User1 modifies the active presence information that has been published. |
| Pass-Criteria | 2. UE2 display the presence information from User1.<br><br>4. UE2 does not display any presence information from User1. |

### 5.1.1.16 Presence-1.0-int-0124 Combining permissions on an ongoing subscription

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0124 |
| Test Object | UEs with Presence Source, Presence Watcher and XDMC functionality, Presence Server, and Shared XDMS. |
| Test Case Description | Verify that a Presence Server can handle changes for the Presence Rules document for Watchers (individual Watchers or groups) stored in the Shared XDMS.<br><br>TEST CASE GOAL: Verify that a UE, acting as a XDMC, can modify his permissions for individual watchers and/or groups of watcher stored in the Shared XDMS, and the PS handles these permissions properly. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>   o 3 UEs (with User1, User2 and User3 credentials)<br>   o Presence Server<br>   o Presence XDMS<br>   o Shared XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 and User3, as members of a group stored in the Shared XDMS, are authorized to see any of the presence information belonging to User1.<br>   o UE2 and UE3 capable of displaying presence information.<br>   o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>   o User1 has no active publications.<br>   o User1 has the ability of changing the content of its Presence Authorization Rules Document.<br>   o User2 has no active subscriptions.<br>   o User3 has no active subscriptions. |
| Test Procedure | 5. User1 publishes presence information for all commonly supported Presence elements.<br>6. User2 and User3 subscribe to presence information from User1.<br>7. User1 updates the Authorization Rules Document in PS XDMS to block User2 (as a regular watcher) to see his presence.<br>8. User1 modifies the active presence information that has been published.<br>9. User1 updates the Authorization Rules Document in PS XDMS to remove the block defined in step 3.<br>10. User1 modifies the active presence information that has been |

| | published. |
|---|---|
| | 11. User2 subscribes again to presence information from User1. |
| Pass-Criteria | 3. UE2 and UE3 display the presence information from User1. |
| | 4. UE2 displays a blocking notification message, indicating that the User2 is not authorized to see User1's presence information |
| | 5. UE3 displays the updated presence information from User1. |
| | 6. UE3 display the updated presence information from User1 |
| | 7. UE2 displays the updated presence information from User1. |

### 5.1.1.17 Presence-1.0-int-0130 Publication of presence information, Watcher is blocked

| | |
|---|---|
| **Test Case Id** | Presence-1.0-int-0130 |
| **Test Object** | UE with presence source and presence Watcher functionality and XDMC, Presence Server, Presence XDMS. |
| **Test Case Description** | Verify that User1 successfully publishes presence information. User2 will not be able to Subscribe to the presence information when blocked by User1.<br><br>TEST CASE GOAL: Verify that when one user publishes presence information, another user, which is blocked, is not allowed to subscribe for presence information. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment:<br>    o 2 UEs (with User1 and User2 credentials)<br>    o Presence Server<br>    o Presence XDMS<br>• Prerequisite for this test:<br>    o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is BLOCKED to see any of the presence information belonging to User1.<br>    o UE2 is capable of displaying presence information<br>    o User1 and User2 will have a set of commonly supported Presence elements<br>    o User1 has no active publications.<br>    o User2 has no active subscriptions. |
| **Test Procedure** | 1. User1 Publishes presence information for all commonly supported Presence elements.<br>2. User2 subscribes to presence information from User1.<br>3. User1 updates the Authorization Rules Document in PS XDMS to allow User2 to see his presence.<br>4. User2 subscribes to presence information from User1. |
| **Pass-Criteria** | 2. UE2 displays that User1 is not available.<br>4. UE2 displays the presence information published by User1 |

### 5.1.1.18 Presence-1.0-int-0140 Publication of presence information, Watcher is politely blocked

| | |
|---|---|
| **Test Case Id** | Presence-1.0-int-0140 |
| **Test Object** | UEs with presence source and presence Watcher functionality, Presence Server, Presence XDMS. |
| **Test Case Description** | User2 will be able to Subscribe and receive notifications, but presence information will not be revealed, since the user is politely blocked.<br><br>TEST CASE GOAL: Verify that when one user publishes presence information, another user, acting as Watcher, will be able to subscribe and receive notification, but presence information will not be revealed, since the user is politely blocked. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment:<br>   o 2 UEs (with User1 and User2 credentials)<br>   o Presence Server<br>   o Presence XDMS<br><br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is POLITE BLOCKED to see any of the presence information belonging toUser1.<br>   o UE2 capable of displaying presence information.<br>   o User1 and User2 will have a set of commonly supported Presence elements.<br>   o User1 has no active publications.<br>   o User2 has no active subscriptions. |
| **Test Procedure** | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. User2 subscribes to presence information from User1. |
| **Pass-Criteria** | 2. UE2 displays the presence information of User1 as unavailable and unwilling to communicate. |

### 5.1.1.19    Presence-1.0-int-0141  Notification Filtering (Includes Optional Features)

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0141 |
| Test Object | UEs with Presence Source and Presence Watcher functionality with event notification filtering capabilities, Presence Server with event notification filtering capabilities. |
| Test Case Description | Verify that a UE, acting as a Watcher, can subscribe using notification filtering and that the Presence Server applies filtering and notifies the correct information.<br><br>TEST CASE GOAL: Verify that User2, acting as a Watcher, only gets the information that has been asked for. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>　　o  2 UEs (with User1 and User2 credentials)<br>　　o  Presence Server<br>　　o  Presence XDMS<br>• Prerequisite for this test:<br>　　o  In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br>　　o  UE2 is capable of displaying presence information and setting a notification filter.<br>　　o  User1 and User2 have a set of commonly supported Presence elements.<br>　　o  User1 has an active publication with all commonly supported Presence elements.<br>　　o  User2 has no active subscriptions. |
| Test Procedure | 1.  User2 subscribes to presence information of User1 using a presence information filter for a subset of the commonly  supported Presence elements. |
| Pass-Criteria | 1.  UE2 displays the resulting presence information according to the applied filter requested by User2. |

### 5.1.1.20 Presence-1.0-int-0142 Event Notification Filtering (Includes Optional Features)

| Test Case Id | Presence-1.0-int-0142 |
|---|---|
| Test Object | UEs with Presence Source and Presence Watcher functionality with event notification filtering capabilities, Presence Server with event notification filtering capabilities. |
| Test Case Description | Verify that a UE, acting as a Watcher, can subscribe using event notification filtering and that the Presence Server applies filtering and notifies the correct information whenever the filter is triggered.<br><br>TEST CASE GOAL: Verity that User2, acting as a Watcher, only gets the information that has been asked for whenever the filter is triggered. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>　　o 2 UEs (with User1 and User2 credentials)<br>　　o Presence Server<br>　　o Presence XDMS<br>• Prerequisite for this test:<br>　　o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br>　　o UE2 is capable of displaying presence information and setting a notification filter.<br>　　o User1 and User2 have a set of commonly supported Presence elements.<br>　　o User1 has no active publication.<br>　　o User2 has an active subscription to User 1 with a defined presence information filter and a defined triggering filter. |
| Test Procedure | 1. User1 publishes some presence information that does not activate the triggering filter defined by User2.<br>2. User1 publishes some presence information that activates the triggering filter defined by User2. |
| Pass-Criteria | 1. UE2 does not display any presence information from User1.<br>2. UE2 displays the resulting presence information according to the applied presence information filter requested by User2. |

## 5.1.1.21 Presence-1.0-int-0143 Notification of Only Authorized Presence Information is sent to Watchers (Includes Optional Features)

| | |
|---|---|
| **Test Case Id** | Presence-1.0-int-0143 |
| **Test Object** | UE with Presence Source and UE with Presence Watcher functionality, Presence Server, Presence XDMS. |
| **Test Case Description** | Verify that a watcher is notified of a specified subset of the presence information of a presentity, if the watcher falls into a group that the presentity decides to reveal a subset of his/her presence information to.<br><br>TEST CASE GOAL: Verify that UE2 and UE3 display the information User1authorizes them to seeVerify that UE2 displays only the information UE1 authorizes for the group of which User2 is a member. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment:<br>    o 3 UEs (with User1, User2, and User3 credentials)<br>    o Presence Server<br>    o Presence XDMS<br>• Prerequisite for this test:<br>    o In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see all of the presence information belonging to User1, and User2 is authorized to see a subset of the presence information belonging to User1In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see any of the presence information belonging to User1.<br>    o In the Presences XDMS, the Presence Authorization Rules document contains information that a group (e.g. Group1) that User2 belongs to is authorized to see a subset of the presence information belonging to User1.<br>    o UE2 and UE3 are capable of displaying a set of commonly supported elementsNOTE: The presence information for User2 is a subset of the presence information for User3.<br>    o UE2 and UE3 are capable of displaying the same presence information.<br>    o User1, User2, and User3 have a set of commonly supported Presence elements.<br>    o User1 has no active publications<br>    o User2 and User3 have no active subscriptions for User1 |
| **Test Procedure** | 1. User2 and User3 subscribe to presence information from User1.<br><br>2. User1 publishes its presence information for all commonly supportedof its Presence elements. |

| **Pass-Criteria** | 2a. UE3 displays all of the commonly supported presence information published by User1 |
|---|---|
| | 2b UE2 displays a subset of the commonly supported presence information published by User1 that User2 is authorized to see |

### 5.1.1.22 Presence-1.0-int-0144 Reactive Authorization for a specific group (Includes Optional Features)

| | |
|---|---|
| **Test Case Id** | PS-1.0-int-0144 |
| **Test Object** | UE with Presence Source and UE with Presence Watcher functionality, Presence Server. |
| **Test Case Description** | Verify that a presentity can authorize a group of watchers to subscribe to his/her presence information when the request from that watcher arrives (Reactive Authorization).<br><br>TEST CASE GOAL: Verify that UE1(the Presentity) can Reactively Authorize a group of watchers of which UE2 is a member.. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment:<br>    o 2 UEs (with User1 and User2 credentials)<br>    o Presence Server<br>    o Presence XDMS<br>• Prerequisite for this test:<br>    o In the Presences XDMS, the Presence Authorization Rules document contains information that a group (e.g. Group1) that User2 belongs to is authorized to see any the presence information belonging to User1.<br>    o UE1 is capable of watcher information subscriptions.<br>    o UE2 capable of displaying presence information.<br>    o User1 and User2 will have a set of commonly supported Presence elements.<br>    o User1 has no active publications<br>    o User2 has no active subscriptions for User1 |
| **Test Procedure** | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. User2 subscribes to presence information for User1<br>3. UE1 displays and User1 accepts a request to allow Group1 to get presence information |
| **Pass-Criteria** | 3. UE2 displays the presence information published by User1 |

## 5.1.2    Error Flow

### 5.1.2.1    Presence-1.0-int-0145 Publication of Presence information not supported by watcher

| | |
|---|---|
| **Test Case Id** | Presence-1.0-int-0145 |
| **Test Object** | UE with Presence Source and UE with Presence Watcher functionality, Presence Server. |
| **Test Case Description** | Verify that presence information with non-OMA elements published by an UE will be handled correctly by another UE, which subscribes for that information.<br><br>TEST CASE GOAL: Verify that when UE1 publishes presence information with non-OMA elements, UE2, as Watcher, will interpret correctly the OMA presence information elements and discard the non-OMA ones. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment:<br> o   2 UEs (with User1 and User2 credentials)<br> o   Presence Server<br> o   Presence XDMS<br>• Prerequisite for this test:<br> o   In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1.<br> o   UE2 capable of displaying presence information.<br> o   User1 and User2 will have a set of commonly supported Presence elements. User1 also supports pidf extensions not defined in OMA.<br> o   User1 has no active publications<br> o   User2 has no active subscriptions for User1 |
| **Test Procedure** | 1.   User2 subscribes to presence information from User1.<br>2.   User1 publishes presence information for all his supported Presence elements. |
| **Pass-Criteria** | 2.   UE2 displays the commonly supported  presence elements. |

## 5.2 Resource List Test Cases

### 5.2.1 Normal Flow

#### 5.2.1.1 Presence-1.0-int-0150 Subscription to a resource list

| Test Case Id | Presence-1.0-int-0150 |
| --- | --- |
| Test Object | UEs with Presence Source, Presence Watcher, Presence Server, RLS and RLS XDMS. |
| Test Case Description | Verify that an RLS can handle subscriptions to resource lists and distribute notifications including presence information to the Watcher.<br><br>TEST CASE GOAL: Verify that a UE, acting as a Watcher, is able to subscribe to a resource list with URI's to Presence Sources and be able to display presence information. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>   o 3 UEs (with User1, User2 and User3 credentials)<br>   o Presence Server<br>   o Resource List Server<br>   o Presence XDMS<br>   o RLS XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see any of the presence information belonging to User1 and User2.<br>   o A resource list is stored in RLS XDMS with URI's to User1 and User2.<br>   o UE3 capable of displaying presence information.<br>   o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>   o User1 has no active publications.<br>   o User2 has no active publications.<br>   o User3 has no active subscriptions. |
| Test Procedure | 1. User1 and User 2 publish presence information for all commonly supported Presence elements.<br>2. User3 subscribes to its resource list stored in RLS XDMS |
| Pass-Criteria | 2. UE3 displays the presence information from User1 and User2. |

### 5.2.1.2 Presence-1.0-int-0151 Adding a Presentity to an ongoing list subscription

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0151 |
| Test Object | UEs with Presence Source, Presence Watcher functionality and XDMC, Presence Server, RLS and RLS XDMS. |
| Test Case Description | Verify that an RLS can handle subscriptions to resource lists and distribute notifications including presence information to the Watcher.<br><br>TEST CASE GOAL: Verify that a UE, acting as a Watcher, is able to display presence information for a specific user, which is added to a resource list the Watcher owns and has an active subscription on. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>　o 3 UEs (with User1, User2 and User3 credentials)<br>　o Presence Server<br>　o Resource List Server<br>　o Presence XDMS<br>　o RLS XDMS<br>• Prerequisite for this test:<br>　o In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see any of the presence information belonging to User1 and User2.<br>　o UE3 capable of displaying presence information.<br>　o User3 has the ability of adding user references to its Resource List stored in RLS XDMS.<br>　o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>　o User1 has no active publications.<br>　o User2 has no active publications.<br>　o User3 has an active subscription to a list, which contains a reference to User1. |
| Test Procedure | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. A reference to User2 is added to the resource list of which User3 has an active subscription.<br>3. User2 publishes presence information for all commonly supported Presence elements. |
| Pass-Criteria | 1. UE3 displays the presence information published by User1.<br>3. UE3 displays the presence information published by User2. |

## 5.2.1.3    Presence-1.0-int-0152 Subscription to shared lists

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0152 |
| Test Object | UEs with Presence Source, Presence Watcher, Presence Server, Resource List Server, RLS XDMS and Shared XDMS. |
| Test Case Description | Verify that an RLS can handle subscriptions to resource lists pointing to groups in the Shared XDMS, and distribute notifications including presence information to the Watcher.<br><br>TEST CASE GOAL: Verify that a UE, acting as a Watcher, is able to subscribe to resource lists pointing to groups in the Shared XDMS and be able to display presence information. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>   o 3 UEs (with User1, User2 and User3 credentials)<br>   o Presence Server<br>   o Resource List Server<br>   o Presence XDMS<br>   o RLS XDMS<br>   o Shared XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see any of the presence information belonging to User1 and User2.<br>   o A resource list with a pointer to a group in the Shared XDMS is stored in RLS XDMS. This group in the Shared XDMS contains URI's to User1 and User2.<br>   o UE3 capable of displaying presence information.<br>   o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>   o User1 has no active publications.<br>   o User2 has no active publications.<br>   o User3 has no active subscriptions. |
| Test Procedure | 1. User1 and User2 publish presence information for all commonly supported Presence elements.<br>2. User3 subscribes to its resource list stored in RLS XDMS |
| Pass-Criteria | 2. UE3 displays the presence information from User1 and User2. |

## 5.2.1.4 Presence-1.0-int-0153 Adding a Presentity to an ongoing shared list subscription

| Test Case Id | Presence-1.0-int-0153 |
|---|---|
| Test Object | UEs with Presence Source, Presence Watcher functionality and XDMC, Presence Server, RLS, RLS XDMS and Shared XDMS. |
| Test Case Description | Verify that an RLS can handle subscriptions to resource lists pointing to groups in the Shared XDMS and distribute notifications including presence information to the Watcher.<br><br>TEST CASE GOAL: Verify that a UE, acting as a Watcher, is able to display presence information for a specific user, which is added to a shared group pointed by a resource list the Watcher owns and has an active subscription on. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment:<br>   o 3 UEs (with User1, User2 and User3 credentials)<br>   o Presence Server<br>   o Resource List Server<br>   o Presence XDMS<br>   o RLS XDMS<br>   o Shared XDMS<br>• Prerequisite for this test:<br>   o In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see any of the presence information belonging to User1 and User2.<br>   o UE3 capable of displaying presence information.<br>   o User3 has the ability of adding user references to its URI List stored in the Shared XDMS and referenced by its Resource List stored in RLS XDMS.<br>   o User1, User2 and User3 will have a set of commonly supported Presence elements.<br>   o User1 has no active publications.<br>   o User2 has no active publications.<br>   o User3 has an active subscription to a list, which contains a reference to User1. |
| Test Procedure | 1. User1 publishes presence information for all commonly supported Presence elements.<br>2. Users3 adds User2 to the URI list of which User3 has an active subscription.<br>3. User2 publishes presence information for all commonly supported Presence elements. |

| Pass-Criteria | 1. UE3 displays the presence information published by User1. |
| | 3. UE3 displays the presence information published by User2. |

### 5.2.1.5 Presence-1.0-int-0160 RLS Event notification filtering (Includes Optional Features)

| Test Case Id | Presence-1.0-int-O-0160 |
| --- | --- |
| Test Object | UEs with Presence Source and Presence Watcher functionality with event notification filtering capabilities, Presence Server with event notification filtering capabilities, RLS with event notification filtering capabilities. |
| Test Case Description | Verify that a UE, acting as a Watcher, can subscribe using event notification filtering to a resource list and that the Resource List Server applies filtering and notifies the correct information whenever the filter is triggered. |
| | TEST CASE GOAL: Verify that an RLS can handle event and content subscriptions to resource lists and distribute notifications to the Watcher including appropriate presence information whenever the filter is triggered. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment: |
| |     o 3 UEs (with User1, User2 and User3 credentials) |
| |     o Presence Server |
| |     o Presence XDMS |
| |     o RLS |
| |     o RLS XDMS |
| | • Prerequisite for this test: |
| |     o In the Presence XDMS, the Presence Authorization Rules document contains information that User3 is authorized to see any of the presence information belonging to User1 and User2. |
| |     o UE3 is capable of displaying presence information and setting a notification filter. |
| |     o User1, User2 and User3 have a set of commonly supported Presence elements. |
| |     o User1 and User2 have no active publications. |
| |     o User3 has no active subscriptions to User1 and User2. |
| |     o A resource list for User3 is stored in RLS XDMS with URI's to User1 and User2. |
| Test Procedure | 1. User3 subscribes to its resource list with a defined presence information filter and a defined triggering filter. |
| | 2. User1 publishes some presence information that does not activate the triggering filter defined by User3. |
| | 3. User2 publishes some presence information that activates the |

| | |
|---|---|
| | triggering filter defined by User3. |
| Pass-Criteria | 1. UE3 does not display any presence information from User1 and User2. |
| | 2. UE3 does not display any presence information from User1 and User2. |
| | 3. UE3 displays the resulting presence information for User2 according to the applied presence information filter requested by User3. |

## 5.2.2 Error Flow

Not Available

# 5.3 Watcher Information Subscriber Test Cases

## 5.3.1 Normal Flow

### 5.3.1.1 Presence-1.0-int-0200 Subscribe to Watcher Information

| | |
|---|---|
| **Test Case Id** | Presence-1.0-int-0200 |
| **Test Object** | UEs with Presence Source, Presence Watcher and Watcher Information Subscriber functionality, Presence Server |
| **Test Case Description** | Verify that a UE successfully Subscribes to Watcher Information<br><br>TEST CASE GOAL: User1 subscribes to watcher information and will be notified when User2 subscribes to User1's presence information |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment:<br>　　o 2 UEs (with User1 and User2 credentials)<br>　　o Presence Server<br>　　o Presence XDMS<br>• Prerequisite for this test:<br>　　o In the Presence XDMS, the Presence Authorization Rules document contains information thatUser2 is authorized to see any of the presence information belonging toUser1.<br>　　o UE1 is capable of displaying presence information.<br>　　o User1 and User2 will have a set of commonly supported Presence elements.<br>　　o User1 has an active publication with all commonly supported Presence elements.<br>　　o User2 has no active subscriptions for User1. |
| **Test Procedure** | 1. User1 subscribes to Watcher Information Subscriber.<br>2. User2 subscribes to presence information from User1. |
| **Pass-Criteria** | 2. UE1 displays that User2 has subscribed to User1's presence information. UE2 displays presence information published by User1. |

## 5.3.1.2 Presence-1.0-int-0210 Publication of presence information, Watcher is pending

| Test Case Id | Presence-1.0-int-0210 |
|---|---|
| **Test Object** | UEs with Presence Source, Presence Watcher and Watcher Information Subscriber functionality, Presence Server, Presence XDMS. |
| **Test Case Description** | Verify that UE successfully publishes and receives presence information after reactive authorization. <br><br> <u>TEST CASE GOAL:</u> Verify that User1 successfully can subscribe for watcher information and is notified when User2 subscribes for User1's presence information. User1 then updates his Authorization Rules Document to allow User2 to see his presence. User2 will display User1's presence information. |
| **Specification Reference** | Refer to Appendix A |
| **SCR Reference** | Refer to Appendix A |
| **Tool** | N/A |
| **Test code** | N/A |
| **Preconditions** | • Equipment: <br>　　o 2 UEs (with User1 and User2 credentials) <br>　　o Presence Server <br>　　o Presence XDMS <br>　　o XDMC <br> • Prerequisite for this test: <br>　　o In the Presence XDMS, the Presence Authorization Rules document contains information that User2's policy is CONFIRM (reactive authorization) to see any of the presence information belonging toUser1. <br>　　o UE2 is capable of displaying presence information. <br>　　o User1 and User2 will have a set of commonly supported Presence elements. <br>　　o User1 has the ability of changing the content of its Presence Authorization Rules Document. <br>　　o User1 has no active publications. <br>　　o User2 has no active subscriptions. |
| **Test Procedure** | 1. User1 publishes presence information for all commonly supported Presence elements. <br> 2. User1 subscribes to "Watcher Information Subscriber". <br> 3. User2 subscribes to presence information from User1. <br> 4. User1 updates the Authorization Rules Document in PS XDMS to allow User2 to see his presence. |
| **Pass-Criteria** | 3. UE1 displays that User2 has requested to see his presence information. <br> 4. UE2 displays the presence information from User1. |

### 5.3.1.3 Presence-1.0-int-0211 Notification to Watcher Information Subscriber when a subscription to His/Her Presence Information Expires (Includes Optional features)

| | |
|---|---|
| Test Case Id | Presence-1.0-int-0211 |
| Test Object | UEs with Presence Source, Watcher and Watcher Information Subscriber functionality, Presence Server, Presence XDMS. |
| Test Case Description | Verify that a Watcher Information Subscriber can receive notifications whenever one of the subscription to his/her Presence Information expires. <br><br> TEST CASE GOAL: Verity that User1 (Watcher Information Subscriber) can get notifications whenever User2's subscription to User1's Presence Information expires. |
| Specification Reference | Refer to Appendix A |
| SCR Reference | Refer to Appendix A |
| Tool | N/A |
| Test Code | N/A |
| Preconditions | • Equipment: <br>    o 2 UEs (with User1 and User2 credentials) <br>    o Presence Server <br>    o Presence XDMS <br> • Prerequisite for this test: <br>    o In the Presence XDMS, the Presence Authorization Rules document contains information that User2 is authorized to see any of the presence information belonging to User1. <br>    o UE1 is capable of watcher information subscriptions. <br>    o UE1 is capable of displaying Watcher Information. <br>    o UE2 is capable of displaying presence information. <br>    o User1 and User2 have a set of commonly supported mandatory Presence elements. <br>    o User1 has an active publication with all commonly supported Presence elements. <br>    o User2 has no active subscriptions for User1. |
| Test Procedure | 3. User1 subscribes to Watcher Information. <br> 4. User2 subscribes to presence information from User1. <br> 5. User2's subscription expires (e.g. removing battery). |
| Pass-Criteria | 2. UE1 displays that User2 has subscribed to User1's presence information. UE2 displays the presence information published by User1. <br> 3. User1 displays that User2 subscription to User1 presence information has expired. |

## 5.3.2    Error Flow

Not available.

# 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 1.0 History

| Reference | Date | Description |
|---|---|---|
| Draft Versions<br>OMA-ETS-Presence_SIMPLE-V1_0 | 16 Aug 2005 | The ETS for the Presence SIMPLE enabler was split into three parts to adequately represent the Presence SIMPLE enabler. The present part represents the OMA-ETS-Presence_SIMPLE_INT part. |
| | 20 Dec 2005 | OMA-TP-2005-0398-Update-of-ETS-for-Presence-SIMPLE-1_0-INT approved through TP R&A |
| | 09 Feb 2006 | * CRs agreed during Paris f2f sessions:<br>- OMA-IOP-MEC-2006-0086R01-Group-authorizations-management<br>- OMA-IOP-MEC-2006-0088R01-PRES-Partial-Publication-Test-Case<br>- OMA-IOP-MEC-2006-0089R01-PRES-Partial-Notification-and-Notification-Order<br>- OMA-IOP-MEC-2006-0099R01-Solution-to-PRES-PR-5<br>- OMA-IOP-MEC-2006-0100-Solution-to-PRES-PR-6<br>- OMA-IOP-MEC-2006-0101-Solution-to-PRES-PR--7<br>- OMA-IOP-MEC-2006-0102R01-Solution-to-PRES-PR--8<br>* "mandatory Presence elements" changed to "Presence elements" through the whole document. |
| | 03 May 2006 | Agreed CRs during Vancouver f2f meeting and following conference calls:<br>- OMA-IOP-MEC-2006-0160R01-Presence-ETS-modification<br>- OMA-IOP-MEC-2006-0199R03-PRS-Update-to-ETS-Int |
| | 09 May 2006 | Agreed CR during 20060509 conference call:<br>- OMA-IOP-MEC-2006-0188R02-PRES-INT-Expired-Subscription-Notification-to-a-Presentity-test-case |
| | 11 May 2006 | Agreed by IOP WG – prepared for approval as Candidate by TP |
| OMA-ETS-Presence_SIMPLE_INT-V1_0-20060606 | 06 Jun 2006 | Status changed to Candidate by TP R&A (2006-05-24  to 2006-06-06) OMA-TP-2006-0194R01-INP_Presence_SIMPLE_INT_ETS_for_Candidate_Re-approval |

# Appendix B.     SCR and Specification References

| Test Case Number in ETS | SCR-reference | Spec (AD,CP,UP)-reference |
|---|---|---|
| Presence-1.0-int-0100<br>Presence-1.0-int-0101<br>Presence-1.0-int-0102<br> Presence-1.0-int-0104<br>Presence-1.0-int-0105<br>Presence-1.0-int-0107<br> Presence-1.0-int-0120<br>Presence-1.0-int-0122<br>Presence-1.0-int-0130<br>Presence-1.0-int-0145 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.7 |
| Presence-1.0-int-0106 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-004:O<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | [OMATSPRES]:<br>5.1.1<br>5.1.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.1.2<br>5.4.2<br>5.7 |
| Presence-1.0-int-0108 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-PS-S-021:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-005:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.2.4<br>5.4<br>5.4.1<br>5.4.2<br>5.4.2.2<br>5.7 |

| | SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | |
|---|---|---|
| Presence-1.0-int-109 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O<br>Presence_SIMPLE-XDMC-C-001:M<br>Presence_SIMPLE-XDMC-C-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.6<br>5.7 |
| Presence-1.0-int-0110<br>Presence-1.0-int-111 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.6<br>5.7 |
| Presence-1.0-int-121<br>Presence-1.0-int-122<br>Presence-1.0-int-124 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.6<br>5.7 |

| | | |
|---|---|---|
| | Presence_SIMPLE-XDMC-C-001:M<br>Presence_SIMPLE-XDMC-C-002:O | |
| Presence-1.0-int-0123 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:M<br>SIMPLE-PS-S-013:O<br>SIMPLE-PS-S-014:M<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.1.2<br>5.4.2<br>5.7 |
| Presence-1.0-int-140 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-PS-S-022:M<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.7 |
| Presence-1.0-int-141<br>Presence-1.0-int-142 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2 |

| PS-1.0-int-0143 | [OMATSPRES]<br>SIMPLE-PS-S-012:M<br>SIMPLE-PS-S-013:O<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>IMPLE-SRC-C-003:M<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>Presence_SIMPLE-XDMC-C-001:M | [OMATSPRES]:<br>5.1.1<br>5.2.1<br>5.3<br>5.4.1<br>5.4.2<br>5.6<br>10.1 |
|---|---|---|
| PS-1.0-int-0144 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-PS-S-019:M<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>SIMPLE-WIS-C-001:O<br>SIMPLE-WIS-C-002:O<br>SIMPLE-WIS-C-003:O<br>SIMPLE-WIS-C-004:O<br>SIMPLE-WIS-C-005:O | [OMATSPRES]:<br>5.4.3.2<br><br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.7 |
| Presence-1.0-int-150 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-003:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O<br>SIMPLE-RLS-S-001:M<br>SIMPLE-RLS-S-002:M<br>Presence_SIMPLE-RLSXDMS-S-001:M<br>Presence_SIMPLE-RLSXDMS-S-002:O<br>SIMPLE-RLS-C-001:M<br>SIMPLE-RLS-C-002:M | [OMATSPRES]:<br>5.1.1<br>5.2.1<br>10.1<br>10.4<br>5.4<br>5.4.1<br>5.4.2<br>5.5<br>5.7<br>5.8 |

| | | |
|---|---|---|
| Presence-1.0-int-151<br>Presence-1.0-int-152<br>Presence-1.0-int-153 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-003:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O<br>SIMPLE-RLS-S-001:M<br>SIMPLE-RLS-S-002:M<br>Presence_SIMPLE-RLSXDMS-S-001:M<br>Presence_SIMPLE-RLSXDMS-S-002:O<br>Presence_SIMPLE-XDMC-C-001:M<br>Presence_SIMPLE-XDMC-C-002:O<br>SIMPLE-RLS-C-001:M<br>SIMPLE-RLS-C-002:M | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.5<br>5.6<br>5.7<br>5.8 |
| Presence-1.0-int-160 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O<br>SIMPLE-RLS-S-001:M<br>SIMPLE-RLS-S-002:M<br>Presence_SIMPLE-RLSXDMS-S-001:M<br>Presence_SIMPLE-RLSXDMS-S-002:O<br>SIMPLE-RLS-C-001:M<br>SIMPLE-RLS-C-002:M | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.4<br>5.4.1<br>5.4.2<br>5.6<br>5.7<br>5.8 |
| Presence-1.0-int-200<br><br>Presence-1.0-int-211 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.3<br>5.4<br>5.4.1<br>5.4.2 |

| | | |
|---|---|---|
| | SIMPLE-PS-S-012:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O<br>SIMPLE-WIS-C-001:O<br>SIMPLE-WIS-C-002:O<br>SIMPLE-WIS-C-003:O<br>SIMPLE-WIS-C-004:O<br>SIMPLE-WIS-C-005:O | 5.4.4<br>5.7 |
| Presence-1.0-int-210 | SIMPLE-SRC-C-001:M<br>SIMPLE-SRC-C-002:M<br>SIMPLE-SRC-C-003:M<br>SIMPLE-SRC-C-010:M<br>SIMPLE-SRC-C-011:O<br>SIMPLE-PS-S-001:M<br>SIMPLE-PS-S-002:M<br>SIMPLE-PS-S-003:M<br>SIMPLE-PS-S-004:M<br>SIMPLE-PS-S-012:O<br>SIMPLE-PS-S-013:O<br>SIMPLE-WATCH-C-001:M<br>SIMPLE-WATCH-C-002:M<br>SIMPLE-WATCH-C-004:M<br>SIMPLE-WATCH-C-007:O<br>SIMPLE-WATCH-C-008:O<br>Presence_SIMPLE-PresenceXDMS-S-001:M<br>Presence_SIMPLE-PresenceXDMS-S-002:O<br>SIMPLE-WIS-C-005:O<br>Presence_SIMPLE-XDMC-C-001:M<br>Presence_SIMPLE-XDMC-C-002:O | [OMATSPRES]:<br>5.1.1<br>10.1<br>10.4<br>5.2.1<br>5.3<br>5.4<br>5.4.1<br>5.4.2<br>5.6<br>5.7 |