



## **Enabler Test Report Presence SIMPLE v1.0**

OMA Test Fest (Nov 2005)  
Version 24-Nov-2005

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Open Mobile Alliance  
OMA-Enabler\_Test\_Report-PRS-10-2005-11-24

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# 1. Scope

This report describes the results from the testing carried out at OMA TestFest11 November 2005 concerning Presence SIMPLE version 1.0.

## 2. References

### 2.1 Normative References

[OMAIOPPROC]	OMA Interoperability Policy and Process, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[PRSEICS]	Enabler Implementation Conformance Statement (EICS), Presence
[EREELD]	Enabler Release Document for Presence OMA-EREELD-SIMPLE-V1_0 <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[EPTR]	Enabler Product Test Report
[ETP]	Enabler Test Plan
[ETS]	Enabler Test Specification for Presence SIMPLE – 29 July 2005 <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[OMARDPRES]	Presence Requirements Version 1.0 OMA-RD_Presence_SIMPLE-V1.0 <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[OMATSPRES]	Presence SIMPLE Specification OMA-TS-Presence_SIMPLE-V1.0-20050628-C <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>

### 2.2 Informative References

[OMADICT]	Dictionary for OMA Specification, OMA-Dictionary <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[OMAADPRES]	Stage 2 – Presence using SIMPLE, OMA-AD-Presence_SIMPLE-V1_0 <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>

## 3. Terminology and Conventions

### 3.1 Conventions

This is an informative document, i.e. the document does not intend to contain normative statements.

### 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)

UE[N] - A client terminal 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
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

## 4. Summary

This report gives details of the testing carried out during the OMA TestFest11 (November 2005) for Presence SIMPLE v1.0.

The report is compiled on behalf of OMA by the OMA Trusted Zone.

The work and reporting has followed the OMA IOP processes and policies [OMAIOPPROC].

## 5. Test Details

### 5.1 Documentation

This chapter lists the details of the enabler and any documentation, tools or test suites used to prove the enabler.

<b>Date:</b>	8 <sup>th</sup> to 15 <sup>th</sup> November 2005
<b>Location:</b>	Dusseldorf, Germany
<b>Enabler:</b>	Presence v1.0
<b>Process:</b>	OMA Interoperability Policy and Process [OMAIOPPROC]
<b>Type of Testing</b>	Interoperability Testing
<b>Products tested:</b>	Client-to-server, Client-to-Client
<b>Test Plan:</b>	Presence Enabler Test Plan [ETP]
<b>Test Specification:</b>	Presence Enabler Test Specification [ETS]
<b>Test Tool:</b>	None
<b>Test Code:</b>	None
<b>Type of Test event:</b>	Test Fest
<b>Participants:</b>	CCL/ITRI(2 products); Comneon GmbH & Co OHG; Ecrio Inc; Ericsson AB (2 products); fg microtec; Nokia; Obigo AB; Sonim Technologies(2 products); Sony Ericsson; Telecom Italia Mobile (2 products)  <i>And 4 other participants</i>
<b>Number of Client Products:</b>	11
<b>Participating Technology Providers for clients:</b>	CCL/ITRI; Comneon GmbH & Co OHG; Ecrio Inc; Ericsson AB; fg microtec; Obigo AB; Sonim Technologies; Sony Ericsson; Telecom Italia Mobile  <i>And 2 other participants</i>
<b>Number of Server Products:</b>	7
<b>Participating Technology Providers for servers:</b>	CCL/ITRI; Ericsson; Nokia; Sonim Technologies; Telecom Italia Mobile  <i>And 2 other participants</i>
<b>Number of test sessions completed:</b>	87 of 92



## 5.2 Test Case Statistics

### 5.2.1 Test Case Summary

This chapter gives an overview of the result for all test cases included in [ETS].

The following status is used in the tables below:

- **Total number of TCs:** Used in the summary to indicate how many test cases there are in total.
- **Number of passed:** Used in the summary to indicate how many of the total test cases successfully passed.
- **Number of failed:** Used in the summary to indicate how many of the total test cases failed.
- **Number of N/A:** Used in the summary to indicate how many of the total test cases have not been run due to one of the implementations not supporting the functionality required to run this test case.
- **Number of OT:** Used in the summary to indicate how many of the total test cases have not been run due to no time to run the test case.
- **Number of INC:** Used in the summary to indicate how many of the total test cases have not been run due to functionality not being tested due to an error in the implementation or other functionality that is required to run this test case.

Test Section:	Number of test sessions:	Total number of TCs:	Number of Passed:	Number of Failed:	Number of N/A:	Number of OT:	Number of INC:	Total:
Client to Server to Client TCs	87	22	676	64	341	810	23	1914
<b>Total</b>	<b>87</b>	<b>22</b>	<b>676</b>	<b>64</b>	<b>341</b>	<b>810</b>	<b>23</b>	<b>1914</b>

## 5.2.2 Test Case List

This chapter lists the statistics for all test cases included in [ETS].

The following status is used in the tables below:

- **No. of runs(R):** Used to indicate how many times the test cases have been run in total.
- **No. of passed(P):** Used to indicate how many times the test case has been run with successful result.
- **No. of failed(F):** Used to indicate how many times the test case has been run with failed result
- **No. of OT(O):** Used to indicate how many times the test case has not been run due to no time available.
- **No. of INC(I):** Used to indicate how many times the test case has not been run due to errors being found in other functionality required for running this test case.
- **PR:** Used to indicate if any PRs (Problem Reports) have been issued during testing.
- **Note:** Used to indicate the cause of Inconclusive or Fail verdicts.

Test Case:	Test Case Description:	R	P	F	O	I	PR:	Note:
<b>PS-1.0-int-M-0100</b>	Verify that presence information published by an UE will be received by another UE, which subscribes for that information.  <u>TEST CASE GOAL:</u> Verify that when UE1 publishes presence information, UE2, as Watcher, will receive the presence information.	86	68	7	7	4		
<b>PS-1.0-int-M-0101</b>	Verify that presence information modified by an UE will be displayed accordingly in another UE, which subscribes for that information.  <u>TEST CASE GOAL:</u> Verify that when User1 modifies presence information, User2, as Watcher, will receive the updated presence information.	84	59	9	16	0		
<b>PS-1.0-int-M-0102</b>	Verify that presence publications terminated by an UE will be displayed in another UE.  <u>TEST CASE GOAL:</u> Verify that when User1 terminates its presence publication, User2, as Watcher, will be displayed.	80	54	6	20	0		

<b>PS-1.0-int-M-0103</b>	An UE, acting as a Watcher has a subscription that expires and another UE, the presence source, updates its presence information.  <u>TEST CASE GOAL:</u> Verify that a Watcher which subscription has expired, does not display any presence information updates.	86	58	4	24	0		
<b>PS-1.0-int-M-0104</b>	An UE, acting as a Watcher terminates its subscriptions, and another UE, the presence source, updates the presence information.  <u>TEST CASE GOAL:</u> Verify that a Watcher, which has terminated its subscription, does not display any presence updates.	86	55	4	27	0		
<b>PS-1.0-int-M-0105</b>	Verify that Presence Server keeps sending presence information to a UE, acting as a watcher, after subscription refresh.  <u>TEST CASE GOAL:</u> Verify that a UE retrieves and displays the presence information after the subscription refresh.	86	55	4	27	0		
<b>PS-1.0-int-M-0106</b>	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.  <u>TEST CASE GOAL:</u> Verify that a UE, acting as a Watcher, is able to display the presence information when subscribing to presence information of several other users.	86	58	2	26	0		
<b>PS-1.0-int-M-0107</b>	Verify that a User is able to define policies so that different presence information can be sent to different Users, acting as Watchers.  <u>TEST CASE GOAL:</u> Verify that a User, acting as a Presentity can allow one User to see a different presence content than another User, acting as a Watchers.	57	14	7	36	0		

<b>PS-1.0-int-M-0110</b>	Verify that UE successfully publishes and retrieves presence information as long as the subscription is valid.  <u>TEST CASE GOAL:</u> Verify that when one user publishes presence information, another user, acting as Watcher, will receive the presence information until the Publish timer expires.	86	52	2	30	2			
<b>PS-1.0-int-M-0120</b>	Verify that a UE successfully publishes and retrieves presence information by polling.  <u>TEST CASE GOAL:</u> Verify that one user using Polling Subscription, will retrieve presence information from another user, which has an active publication.	85	51	2	32	0			
<b>PS-1.0-int-M-0121</b>	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.  <u>TEST CASE GOAL:</u> Verify that a User, acting as a Presentity can define the contents a User authenticated as anonymous and acting as a Watcher will see.	51	9	1	41	0			
<b>PS-1.0-int-M-0122</b>	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.  <u>TEST CASE GOAL:</u> Verify that a User, acting as a Presentity can define the contents an unspecified User, acting as a Watcher will see.	69	15	1	52	1			
<b>PS-1.0-int-M-0123</b>	Verify that a Presence Server can handle changes for the Presence Rules document for Watchers (individual Watchers or groups) stored in the Shared XDMS.  <u>TEST CASE GOAL:</u> Verify that a UE, acting as a XDMS, can modify his permissions for individual watchers and/or groups of watcher stored in the Shared XDMS, and the PS handles these permissions properly.	60	10	1	48	1			

<p><b>PS-1.0-int-M-0130</b></p>	<p>Verify that User1 successfully publishes presence information. User2 will not be able to Subscribe to the presence information when blocked by User1.</p> <p><u>TEST CASE GOAL:</u> Verify that when one user publishes presence information, another user, which is blocked, is not allowed to subscribe for presence information.</p>	81	36	2	42	1		
<p><b>PS-1.0-int-M-0140</b></p>	<p>User2 will be able to Subscribe and receive notifications, but presence information will not be revealed, since the user is politely blocked.</p> <p><u>TEST CASE GOAL:</u> 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.</p>	85	36	2	46	1		
<p><b>PS-1.0-int-M-0141</b></p>	<p>Verify that an RLS can handle subscriptions to resource lists and distribute notifications including presence information to the Watcher.</p> <p><u>TEST CASE GOAL:</u> 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.</p>	53	2	1	48	2		
<p><b>PS-1.0-int-M-0142</b></p>	<p>Verify that an RLS can handle subscriptions to resource lists and distribute notifications including presence information to the Watcher.</p> <p><u>TEST CASE GOAL:</u> 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.</p>	53	0	3	48	2		

<p><b>PS-1.0-int-M-0143</b></p>	<p>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.</p> <p><u>TEST CASE GOAL:</u> 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.</p>	49	0	1	46	2		
<p><b>PS-1.0-int-M-0144</b></p>	<p>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.</p> <p><u>TEST CASE GOAL:</u> 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.</p>	49	0	1	46	2		

**Table 1. Mandatory Test Case Counts**

Test Case:	Test Case Description:	R	P	F	O	I	PR:	Note:
<b>PS-1.0-int-O-0100</b>	Verify that a UE successfully Subscribes to Watcher Information  <u>TEST CASE GOAL:</u> User1 subscribes to watcher information and will be notified when User2 subscribes to User1's presence information.	78	30	2	46	0		
<b>PS-1.0-int-O-0110</b>	Verify that UE successfully publishes and receives presence information after reactive authorization.  <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.	68	14	1	50	3		
<b>PS-1.0-int-O-0111</b>	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.  <u>TEST CASE GOAL:</u> Verity that User2, acting as a Watcher, only gets the information that has been asked for.	55	0	1	52	2		

**Table 2. Optional Test Case Counts**

### 5.2.3 Problem Reports

During the activities for TestFest11, the following problem reports were generated relating to the test materials and test process:

<b>PR Number</b>	<b>Affecting</b>	<b>Description</b>	<b>Test Case reference / Specification reference</b>
0004	ETS	The test procedure and pass criteria are either wrong or easy to misunderstand.	PS-1.0-int-M-0110

Full details of the Problem Reports can be found at: <http://www.opengroup.org:8000/OMA-PR/>



## 6. Confirmation

This signature states that the included information is true and valid.

A handwritten signature in black ink, appearing to read "Alan P. [unclear]", with a long horizontal stroke extending to the right.

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OMA Trusted Zone

## Appendix A. Change History (Informative)

Type of Change	Date	Section	Description