



Enabler Test Report IMPS CSP v1.2

OMA Test Fest (January 2005)
Version 28-Jan-2005

Open Mobile Alliance
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1. Scope

This report describes the results from the testing carried out at OMA Test Fest January 2005 concerning CSP v1.2 of the IMPS enabler.

2. References

2.1 Normative References

[OMAIOPPROC]	OMA Interoperability Policy and Process, http://www.openmobilealliance.org/
[IMPSEICS]	IMPS CSP version 1.2 Enabler Implementation Conformance Statement (EICS), http://www.openmobilealliance.org/
[ERELED]	OMA IMPS CSP version 1.2 Enabler Release Definition
[IMPS_SPEC]	OMA IMPS CSP 1.2 specifications
[EPTR]	Enabler Product Test Report
[ETP]	Enabler Test Plan
[ETS]	Enabler Test Specification for OMA IMPS 1.2, Draft Version 2-September-2004 http://www.openmobilealliance.org/

2.2 Informative References

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

None.

3.3 Abbreviations

CSP	Client Server Protocol
EICS	Enabler Implementation Conformance Statement
EPTR	Enabler Product Test Report
ETP	Enabler Test Plan
ETS	Enabler Test Specification
IMPS	Instant Messaging Presence Service
OMA	Open Mobile Alliance
PR	Problem Report

4. Summary

This report gives details of the testing carried out during the OMA Test Fest (January 2005) for IMPS CSP v1.2.

The report is compiled on behalf of OMA by NCC Group.

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.

Date:	January 2005
Location:	Madrid, Spain
Enabler:	IMPS CSP v1.2
Process:	OMA Interoperability Policy and Process [OMAIOPPROC]
Type of Testing	Interoperability Testing
Products tested:	Client-to-server, Client-to-Client
Test Plan:	IMPS Enabler Test Plan [ETP]
Test Specification:	IMPS Enabler Test Specification [ETS]
Test Tool:	None
Test Code:	None
Type of Test event:	Test Fest
Participants:	Colibria AS, Mobile Leader, Inc., Motorola, Openwave Systems Ltd, OZ Communications, TTPCom <i>1 other participant</i>
Number of Client Products:	5
Participating Technology Providers for clients:	Mobile Leader, Inc., Motorola, Openwave Systems Ltd, TTPCom <i>1 other Client participant</i>
Number of Server Products:	2
Participating Technology Providers for servers:	Colibria AS, OZ Communications
Number of test sessions completed:	20 of 20

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 TCs	20	32	401	0	237	0	2	640
Client to Server to Client TCs	20	60	496	0	696	0	8	1200
Total	20	92	897	0	933	0	10	1840

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:
IMPS-1.2-int-SAP-001	Verify the Login functionality (2-way, correct password)	20	20	0	0	0	-	
IMPS-1.2-int-SAP-002	Verify the Login functionality (2-way, incorrect password)	20	20	0	0	0	-	
IMPS-1.2-int-SAP-005	Verify the client-initiated logout	20	20	0	0	0	-	
IMPS-1.2-int-SAP-006	Verify server initiates disconnects	20	20	0	0	0	-	
IMPS-1.2-int-SAP-007	Verify the Login functionality in the case of a User ID that does not identify a user account on the server.	20	20	0	0	0	-	
IMPS-1.2-int-SAP-0011	Verify Client and Server ability to recognize local UserID addresses	20	20	0	0	0	-	
IMPS-1.2-int-SAP-0012	Verify Client and Server ability to recognize external UserID addresses	20	20	0	0	0	-	
IMPS-1.2-int-SAP-0013	Verify wv: is assumed in login transaction when wv: is not provided in the username during login.	20	20	0	0	0	-	
IMPS-1.2-int-SAP-0014	Verify Time-to-Live functionality	0	0	0	0	0	-	
IMPS-1.2-int-SAP-003	Verify the Login functionality (4-way, correct password)	9	9	0	0	0	-	

IMPS-1.2-int-SAP-004	Verify the Login functionality (4-way, incorrect password)	9	9	0	0	0	-	
IMPS-1.2-int-SAP-008	Verify the Login functionality in case of multiple logins of the same user	20	20	0	0	0	-	
IMPS-1.2-int-SAP-009	Verify the Login functionality in case of multiple logins of the same user	0	0	0	0	0	-	
IMPS-1.2-int-SAP-010	Verify the Login functionality in case of incorrect domain in client external user addressing.	20	20	0	0	0	-	
IMPS-1.2-int-SAP-xxxx	Verify VersionDiscovery	12	12	0	0	0	-	
IMPS-1.2-int-PRSE-001	Verify that the server supports Subscribe Presence functionality and client supports presence notifications	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-004	Verify that when client unsubscribes presence, the server stops delivering presence updates	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-005	Verify that the server sends presence update containing OnlineStatus presence attribute to subscriber when publisher logs in and logs out.	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-0024	Verify no error occurs when a client Subscribes Presence after presence is already subscribed.	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-002	Verify that the server supports Subscribe Presence functionality for all contacts in contact list	11	11	0	0	0	-	
IMPS-1.2-int-PRSE-006	Verify Add to Contact List functionality	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-009	Verify Delete from Contact List functionality	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-010	Verify Change Nickname functionality	16	16	0	0	0	-	
IMPS-1.2-int-PRSE-011	Verify Create Contact List functionality	18	18	0	0	0	-	
IMPS-1.2-int-PRSE-012	Verify Delete Contact List functionality	16	16	0	0	0	-	
IMPS-1.2-int-PRSE-013	Verify that the server and client support Get Watcher List functionality	4	4	0	0	0	-	

IMPS-1.2-int-PRSE-014	Verify that the server and client support Reactive Presence Authorization (grant case)	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-015	Verify that the server and client support Reactive Presence Authorization (deny case)	19	19	0	0	0	-	
IMPS-1.2-int-PRSE-016	Verify the Get Presence functionality (Proactive Presence Case)	8	8	0	0	0	-	
IMPS-1.2-int-PRSE-017	Verify Add to Contact list functionality for a non-existing user.	20	20	0	0	0	-	
IMPS-1.2-int-PRSE-018	Verify user search functionality for an existing user.	12	12	0	0	0	-	
IMPS-1.2-int-PRSE-019	Verify that the server and client support Proactive Presence Authorization for a user.	4	4	0	0	0	-	
IMPS-1.2-int-PRSE-020	Verify that the server and client support Proactive Presence Authorization for a contact list.	6	6	0	0	0	-	
IMPS-1.2-int-PRSE-021	Verify auto-subscribe functionality when adding a user to a Contact List.	8	8	0	0	0	-	
IMPS-1.2-int-PRSE-022	Verify Get Reactive authorization status functionality.	3	3	0	0	0	-	
IMPS-1.2-int-PRSE-0023	Verify Client is unable to access another users Contact List (denied by the Server)	7	7	0	0	0	-	
IMPS-1.2-int-PRSE-0026	Verify Server sends back proper error message for no support for requested AutoSubscribe.	0	0	0	0	0	-	
IMPS-1.2-int-PRSE-0027	Verify Server changes AutoSubscribe according to client request.	8	8	0	0	0	-	
IMPS-1.2-int-PRSE-028	Verify that the server sends presence updates, containing UserAvailability presence attribute, to the subscribing client when the publishing client updates its UserAvailability presence attribute.	16	16	0	0	0	-	
IMPS-1.2-int-PRSE-029	Verify that the server sends presence updates, containing StatusText presence attribute, to the subscribing client when the publishing client updates its StatusText presence attribute.	16	16	0	0	0	-	

IMPS-1.2-int-IMSE-001	Verify that a message sent by one client is delivered to the other client	20	20	0	0	0	-	
IMPS-1.2-int-IMSE-011	Verify message failed delivery notification	6	6	0	0	0	0004	
IMPS-1.2-int-IMSE-012	Verify multiple recipient message sending functionality.	12	12	0	0	0	-	
IMPS-1.2-int-IMSE-013	Verify delivered messages are removed from the IMSE.	9	9	0	0	0	0003	
IMPS-1.2-int-IMSE-002	Verify that a message sent by one client to another client that is logged out is delivered to that client when it logs on	10	10	0	0	0	-	
IMPS-1.2-int-IMSE-003	This test is to confirm that if the Delivery Report is requested then the sender will receive a Delivery Report when the message is delivered to the recipient	11	11	0	0	0	-	
IMPS-1.2-int-IMSE-004	This test confirms that a client is able to reject messages	8	8	0	0	0	-	
IMPS-1.2-int-IMSE-005	This test confirms that a client is able to forward unretrieved messages to other users	4	4	0	0	0	-	
IMPS-1.2-int-IMSE-006	This test confirms that if the Delivery Report is requested then the sender receives a Delivery Report with appropriate error code in case of the delivery failure	5	5	0	0	0	-	
IMPS-1.2-int-IMSE-007	This test confirms that client and server are able to block delivery of messages	12	12	0	0	0	-	
IMPS-1.2-int-IMSE-008	This test confirms that a client is able to unblock delivery of messages	12	12	0	0	0	-	
IMPS-1.2-int-IMSE-009	Verify that a message (including "tricky" characters) sent by one client is delivered to the other client	20	20	0	0	0	-	
IMPS-1.2-int-IMSE-010	Verify message validity period functionality and failed delivery	5	5	0	0	0	-	
IMPS-1.2-int-GROUPS-011	Verify the Join Group functionality (not authorised to join group)	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-005	Verify the Leave Group functionality	12	12	0	0	0	-	

IMPS-1.2-int-GROUPS-021	Verify sending message to group (either Private or Public)	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-022	Verify sending PRIVATE message to a member of a group (either Private or Public)	4	4	0	0	0	-	
IMPS-1.2-int-GROUPS-001	Verify the Join Group functionality for public group	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-002	Verify Create Group Functionality	9	9	0	0	0	-	
IMPS-1.2-int-GROUPS-003	Verify the Welcome Note functionality	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-004	Verify the Join Group functionality (non-existing group)	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-006	Verify the Group Change Notice Functionality	9	9	0	0	0	-	
IMPS-1.2-int-GROUPS-008	Verify the Delete Group feature	9	9	0	0	0	-	
IMPS-1.2-int-GROUPS-009	Verify the Group Invitations feature when not blocked.	0	0	0	0	0	-	
IMPS-1.2-int-GROUPS-010	Verify the Private Group functionality when not blocked – Invitations, Create, Join, Leave, - Accept	0	0	0	0	0	-	
IMPS-1.2-int-GROUPS-013	Verify the Group Invitations feature – Reject	0	0	0	0	0	-	
IMPS-1.2-int-GROUPS-014	Verify the Join Group functionality with a screen name	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-015	Verify the Group Search functionality	6	6	0	0	0	-	
IMPS-1.2-int-GROUPS-016	Verify the Get Joined Users feature	3	3	0	0	0	-	

IMPS-1.2-int-GROUPS-017	Verify the Server Initiated Leave Group functionality (Public Group)	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-018	Verify the Server Initiated Leave Group functionality (Private Group)	12	12	0	0	0	-	
IMPS-1.2-int-GROUPS-019	Verify the Group AutoJoin functionality (Private Group)	3	3	0	0	0	-	
IMPS-1.2-int-GROUPS-020	Verify the Group AutoJoin does not take place when client does not support Group functionality (Public Group)	2	2	0	0	0	-	
IMPS-1.2-int-GROUPS-023	Verify server response contains joined user list (Public Groups)	9	9	0	0	0	-	
IMPS-1.2-int-GROUPS-024	Verify the Server Initiated Leave Group and Reject User functionality (Public Group)	6	6	0	0	0	-	
IMPS-1.2-int-GROUPS-025	Verify Reject Join User functionality (Public Group)	6	6	0	0	0	-	
IMPS-1.2-int-COSE-001	Verify sending of invitation to Shared Content when not blocked	0	0	0	0	0	-	
IMPS-1.2-int-COSE-002	Verify receiving and accepting of invitation to Shared Content when not blocked.	0	0	0	0	0	-	
IMPS-1.2-int-COSE-003	Verify sending of cancel invitation to Shared Content.	0	0	0	0	0	-	
IMPS-1.2-int-COSE-004	Verify receiving of cancel invitation to Shared Content.	0	0	0	0	0	-	
IMPS-1.2-int-CIR-0001	Testing Communication Initiation Request (CIR) using WAP Push over SMS	4	2	0	0	2	-	
IMPS-1.2-int-CIR-0002	Testing Communication Initiation Request (CIR) using WAP Push over UDP	0	0	0	0	0	-	
IMPS-1.2-int-CIR-0003	Testing Communication Initiation Request (CIR) over Standalone SMS	0	0	0	0	0	-	
IMPS-1.2-int-CIR-0004	Testing Communication Initiation Request (CIR) over Standalone UDP/IP	4	0	0	0	4	-	

IMPS-1.2-int-CIR-0005	Testing Communication Initiation Request (CIR) over Standalone TCP/IP	8	6	0	0	2	-	
IMPS-1.2-int-CIR-0006	Testing Communication Initiation Request (CIR) over Standalone HTTP	2	2	0	0	0	-	
IMPS-1.2-int-CIR-0007	Verify Server ability to notify client that CIR channel over standalone TCP is disconnected	0	0	0	0	0	-	
IMPS-1.2-int-Other-0001	Verify protocol extension framework – client originated	4	4	0	0	0	0001	
IMPS-1.2-int-Other-0002	Verify protocol extension framework – server originated	2	0	0	0	2	-	
IMPS-1.2-int-Other-0003	Verify HTTP redirection functionality	0	0	0	0	0	-	

5.2.3 Problem Reports

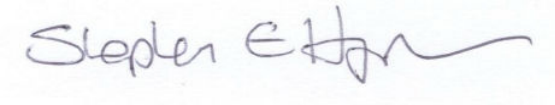
During the activities for TestFest-8, the following problem reports were generated relating to the test materials and test process:

PR Number	Affecting	Description	Test Case reference / Specification reference
0001	ETS	Not clear how exactly to run test IMPS-1.2-Int-Other-0002	IMPS-1.2-Int-Other-0002
0002	EICS	Inconsistency in OMA-EICS-Client-IMPS-V1_2-20041216 - SCR item LOGIN-11	Client EICS
0003	ETS	Mandatory Test Case relies on Optional Client Feature	IMPS-1.2-int-IMSE-013
0004	ETS	Mandatory Test Case relies on Optional Client Feature	IMPS-1.2-int-IMSE-011

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 blue ink that reads "Stephen Higgins". The signature is written in a cursive style with a long, sweeping tail.

Stephen Higgins - Trusted Zone

Appendix A. Change History

(Informative)

Type of Change	Date	Section	Description