



**Enabler Test Report**  
**XML Document Management v1.0**

OMA TestFest (February/March 2007)  
Version 09-Mar-2007

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Open Mobile Alliance  
OMA-Enabler\_Test\_Report-XDM-V1\_0-20070309

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# 1. Scope

This report describes the results from the testing carried out at OMA TestFest-18 (February/March 2007) concerning the XML Document Management (XDM) Version 1.0 Enabler.

## 2. References

### 2.1 Normative References

|            |   |
|------------|---|
| [IOPPROC]  | OMA Interoperability Policy and Process, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>  |
| [ERELD]    | Enabler Release Document for XML Document Management,<br>OMA-ERELD-XDM-V1_0-20060612-A, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>   |
| [XDM_SPEC] | Enabler Release Package for XML Document Management,<br>OMA-ERP-XDM-V1_0-20060612-A, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>  |
| [ETG]      | Enabler Test Guidelines for XML Document Management, OMA-Call-Flows-XDM-V1_0-20050620-A, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>  |
| [ETS]      | Enabler Test Specification for XML Document Management (Interoperability),<br>OMA-ETS-XDM_INT-V1_0-20060530-C, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a><br>Enabler Test Specification for Push-to-talk Over Cellular XDM (Interoperability),<br>OMA-ETS-PoC_XDM_INT-V1_0-20060613-C, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a><br>Enabler Test Specification for Presence XDM (Interoperability),<br>OMA-ETS-Presence_XDM_INT-V1_0-20051220-A, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a><br>Enabler Test Specification for RLS XDM (Interoperability),<br>OMA-ETS-RLS_XDM_INT-V1_0-20051220-A, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a> |
| [XDM_EICS] | Enabler Implementation Conformance Statement for XML Document Management Client,<br>OMA-EICS-XDM-Client-V1_0-20060810-A, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a><br>Enabler Implementation Conformance Statement for XML Document Management Server,<br>OMA-EICS-XDM-Server-V1_0-20060810-A, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>  |

### 2.2 Informative References

|           |   |
|-----------|---|
| [OMADICT] | Dictionary for OMA Specification, OMA-Dictionary<br><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

|              |  |
|--------------|--|
| TestFest     | Multi-lateral interoperability testing event   |
| Trusted Zone | An OMA staff function to provide a neutral confidential information and results collection service to OMA Members. The Trusted Zone is responsible for all reports resulting from an OMA Test Event and to ensure that all general reports cannot attributed to any one individual participating company |
| 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.)   |
| URI List     | Number of URIs grouped together and as a list confirming to the definition in [OMA-TS_XDM_Shared]  |
| Contact List | PoC Enabler specific usage of a URI List.  |

### 3.3 Abbreviations

|       |  |
|-------|--|
| AS    | Application Specific Server                  |
| CP    | Control Plane                                |
| EICS  | Enabler Implementation Conformance Statement |
| ERELD | Enabler Release Definition                   |
| ERP   | Enabler Release Package                      |
| ETG   | Enabler Test Guidelines                      |
| ETS   | Enabler Test Specification                   |
| IMS   | IP multimedia subsystem                      |
| INC   | Inconclusive                                 |
| N/A   | Not Applicable                               |
| OMA   | Open Mobile Alliance                         |
| OT    | Out of Time                                  |
| PoC   | Push to Talk over cellular.                  |
| PR    | Problem Report                               |
| PRS   | Presence-SIMPLE                              |
| SIP   | Session Initiation Protocol                  |
| TC    | Test Case                                    |

|      |                                    |
|------|------------------------------------|
| UE   | User Equipment                     |
| XCAP | XML Configuration Access Protocol  |
| XDMC | XML Document management Client     |
| XDMS | XML Document Management Server     |
| XML  | Extensible Mark-up Language        |
| 3GPP | 3rd Generation Partnership Project |

## 4. Summary

This report gives details of the testing carried out during the OMA TestFest-18 (February/March 2007) for XML Document Management (XDM) 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>   | 26 <sup>th</sup> February to 2 <sup>nd</sup> March 2007   |
| <b>Location:</b>                                       | Helsinki, Finland   |
| <b>Enabler:</b>  | XDM 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 Guidelines:</b>                                | XDM 1.0 Enabler Test Guidelines [ETG]   |
| <b>Test Specification:</b>                             | XDM Enabler Test Specification [ETS]<br>OMA-ETS-XDM_INT-V1_0-20060530-C<br>OMA-ETS-RLS_XDM_INT-V1_0-20051220-A<br>OMA-ETS-PoC_XDM_INT-V1_0-20060613-C<br>OMA-ETS-Presence_XDM_INT-V1_0-20051220-A |
| <b>Test Tool:</b>                                      | None  |
| <b>Test Code:</b>                                      | None  |
| <b>Type of Test event:</b>                             | TestFest  |
| <b>Participants:</b>                                   | Celtius, Colibria AS, Comneon GmbH, Ericsson AB, Nokia, Qualcomm, Samsung<br>India Software Operations <i>plus one other company</i>  |
| <b>Number of Client Implementations:</b>               | 5   |
| <b>Participating Technology Providers for clients:</b> | Comneon GmbH, Ericsson AB, Qualcomm, Samsung India Software Operations,<br>Sony Ericsson Mobile Communications  |
| <b>Implementation IDs for each client:</b>             | Comneon IMS Client, Ericsson U350, Qualcomm XDM Client, Samsung Xanadu IMS<br>Client <i>plus one other client</i>   |
| <b>Number of Server Implementations:</b>               | 3   |
| <b>Participating Technology Providers for servers:</b> | Celtius, Colibria AS, Nokia   |
| <b>Implementation IDs for each server:</b>             | Celtius XDM Server, Colibria XDMS Server, Nokia XDM Server  |
| <b>Number of test sessions completed:</b>              | 24 of 24  |

## 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 testcases that successfully has been passed.
- Number of failed: Used in the summary to indicate how many of the total testcases that has failed.
- Number of N/A: Used in the summary to indicate how many of the total testcases that has not be run due to that the implementation(s) do not support the functionality required to run this test case.
- Number of OT: Used in the summary to indicate how many of the total testcases that has not be run due to no time to run the test case.
- Number of INC: Used in the summary to indicate how many of the total testcases that has not been run due to that the functionality could not be tested due to an error in the implementation in another 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           | 24                       | 8                    | 191               | 1                 | 0              | 0             | 0              | 192         |
| Client to Server to Client TCs | 24                       | 43                   | 630               | 22                | 318            | 50            | 12             | 1032        |
| <b>Total</b>                   | <b>24</b>                | <b>51</b>            | <b>821</b>        | <b>23</b>         | <b>318</b>     | <b>50</b>     | <b>12</b>      | <b>1224</b> |

Table 1. Test Summary Table

### 5.2.2 Test Case List

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

The following status is used in the tables below:

- **Runs (R):** Used to indicate the total number of times the test case have been run ( $R = P + F + I$ ).
- **Pass (P):** Used to indicate how many times the test case have been run and successfully passed.
- **Fail (F):** Used to indicate how many times the test cases have been run and failed (used when the failure reason is known).
- **Inconclusive (I):** Used to indicate how many times the test cases have been run and did not pass due to other nature than conclusive implementation or specification failure (e.g.: the failure reason cannot be clearly determined).
- **Not Applicable (N/A):** Used to indicate how many times the test cases have not be run due to lack of support for the required functionality to run this test case by one or more involved implementations.
- **Out of Time (O):** Used to indicate how many times the test cases have not been run due to lack of time.
- **Problem Report (PR):** Used to indicate how many PRs have been issued for the test case.
- **Note:** Used to indicate the cause of the Inconclusive or Failed results.

#### Tests for XDM Enabler TestFest Taken From:

OMA-ETS-XDM\_INT-V1\_0-20060530-C

OMA-ETS-PoC\_XDM\_INT-V1\_0-20060613-C

OMA-ETS-Presence\_XDM\_INT-V1\_0-20051220-A

| Test Case id:      | Description:   | Test Counts |    |   |   |   |     | PR: | Note: |
|--------------------|--|-------------|----|---|---|---|-----|-----|-------|
|                    |  | R           | P  | F | O | I | N/A |     |       |
| XDM-1.0-int-M-0100 | Verify that UE can be successfully authenticated by the Aggregation Proxy when retrieving documents over the XCAP interface.<br><u>TEST CASE GOAL:</u> Verify that when the UE initiates the communication with an XDMS, the Aggregation Proxy authenticates it. | 24          | 24 | 0 | 0 | 0 | 0   |     |       |

| Test Case id:             | Description:  | Test Counts |    |   |   |   |     | PR: | Note: |
|---------------------------|---|-------------|----|---|---|---|-----|-----|-------|
|                           |   | R           | P  | F | O | I | N/A |     |       |
| <b>XDM-1.0-int-M-0150</b> | <p>Verify that the Aggregation Proxy rejects too many failed authentication attempts by the UE.</p> <p><u>TEST CASE GOAL:</u> Verify that the client will not be able to access XML documents during the initial communication attempt with an XDMS.</p>  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| <b>XDM-1.0-int-M-0200</b> | <p>Verify that the UE can create and retrieve an XML document from the Shared XDMS.</p> <p><u>TEST CASE GOAL:</u> Verify that the creation of an URI List and/or addition of a member to that list creates an XML document in the Shared XDMS. The created document can be retrieved by the users.</p>                        | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| <b>XDM-1.0-int-M-0201</b> | <p>Verify that the UE can create and retrieve XML elements and attributes from the Shared XDMS.</p> <p><u>TEST CASE GOAL:</u> Add a member to already existing URI List. Verify that the member and the "uri" attribute of the member are created and stored correctly in the Shared XDMS.</p>                                | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| <b>XDM-1.0-int-M-0202</b> | <p>Verify that the user can modify and retrieve an element of an XML document.</p> <p><u>TEST CASE GOAL:</u> Modify a &lt;display-name&gt; element of an existing member in the existing URI List and verify that the URI List's XML document is updated correctly in the Shared XDMS.</p>                                    | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| <b>XDM-1.0-int-M-0203</b> | <p>Verify that the user can modify and retrieve an XML document.</p> <p><u>TEST CASE GOAL:</u> Add a member to the existing URI List and verify that the URI List's XML document is updated correctly in the Shared XDMS. The modification of the XML document is achieved with the addition of an &lt;entry&gt; element.</p> | 24          | 24 | 0 | 0 | 0 | 0   |     |       |

| Test Case id:        | Description:  | Test Counts |    |   |   |   |     | PR: | Note: |
|----------------------|---|-------------|----|---|---|---|-----|-----|-------|
|                      |   | R           | P  | F | O | I | N/A |     |       |
| XDM-1.0-int-M-0204   | <p>Verify that a user can modify an XML document by deleting one of its XML elements.</p> <p><u>TEST CASE GOAL:</u> Delete a member of a URI List and verify that the list's XML document stored in the Shared XDMS is updated correctly. The XML document does not contain the element that represents the deleted member.</p> | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| RLS-XDM-1.0-int-0100 | <p>Verify that UE can be successfully authenticated by the Aggregation Proxy when retrieving documents over the XCAP interface.</p> <p><u>TEST CASE GOAL:</u> Verify that when the UE initiates the communication with an XDMS, the Aggregation Proxy authenticates it.</p>   | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| RLS-XDM-1.0-int-0150 | <p>Verify that the Aggregation Proxy rejects too many failed authentication attempts by the UE.</p> <p><u>TEST CASE GOAL:</u> Verify that the client will not be able to access XML documents during the initial communication attempt with an XDMS.</p>  | 24          | 23 | 1 | 0 | 0 | 0   |     |       |
| RLS-XDM-1.0-int-0200 | <p>Verify that the user can create and retrieve an XML document from the RLS XDMS.</p> <p><u>TEST CASE GOAL:</u> Verify creation and retrieval of Presence Lists document. This test case is for the UEs that are able to create the Presence Lists document.</p>   | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| RLS-XDM-1.0-int-0201 | <p>Verify that the user can retrieve an XML document from the RLS XDMS.</p> <p><u>TEST CASE GOAL:</u> Verify retrieval of Presence Lists document.</p>  | 19          | 19 | 0 | 0 | 0 | 5   |     |       |

| Test Case id:        | Description:  | Test Counts |    |   |   |   |     | PR: | Note: |
|----------------------|---|-------------|----|---|---|---|-----|-----|-------|
|                      |   | R           | P  | F | O | I | N/A |     |       |
| RLS-XDM-1.0-int-0202 | <p>Verify that the UE can create and retrieve XML elements from the RLS XDMS.</p> <p><u>TEST CASE GOAL:</u> Add an additional rule to already existing Presence Lists document stored in the RLS XDMS. Verify that the Presence Lists document has been updated correctly in the RLS XDMS.</p>                | 13          | 13 | 0 | 0 | 0 | 11  |     |       |
| RLS-XDM-1.0-int-0203 | <p>Verify that the UE can modify and retrieve XML elements and documents from the RLS XDMS.</p> <p><u>TEST CASE GOAL:</u> Modify and retrieve an already existing service element in Presence Lists document stored in the RLS XDMS. Verify that the services has been updated correctly in the RLS XDMS.</p> | 19          | 19 | 0 | 0 | 0 | 5   |     |       |
| RLS-XDM-1.0-int-0204 | <p>Verify that the UE can delete XML elements from the RLS XDMS.</p> <p><u>TEST CASE GOAL:</u> Delete a service from the Presence Lists document stored in the RLS XDMS and verify that the service is removed from the RLS XDMS.</p>   | 19          | 19 | 0 | 0 | 0 | 5   |     |       |
| RLS-XDM-1.0-int-0205 | <p>Verify that the UE can delete an XML document from the RLS XDMS.</p> <p><u>TEST CASE GOAL:</u> Delete the Presence Lists document stored in the RLS XDMS and verify that the document no longer exists in the RLS XDMS.</p>  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0100 | <p>Verify that UE can be successfully authenticated by the Aggregation Proxy when retrieving documents over the XCAP interface.</p> <p><u>TEST CASE GOAL:</u> Verify that when the UE initiates the communication with an XDMS, the Aggregation Proxy authenticates it.</p>                                   | 24          | 24 | 0 | 0 | 0 | 0   |     |       |

| Test Case id:        | Description:   | Test Counts |    |   |   |   |     | PR: | Note: |
|----------------------|--|-------------|----|---|---|---|-----|-----|-------|
|                      |  | R           | P  | F | O | I | N/A |     |       |
| PoC-XDM-1.0-int-0150 | <p>Verify that the Aggregation Proxy rejects too many failed authentication attempts by the UE.</p> <p><u>TEST CASE GOAL:</u> Verify that the client will not be able to access XML documents during the initial communication attempt with an XDMS.</p>   | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0200 | <p>Verify that the user can create and retrieve an XML document from the PoC XDMS.</p> <p><u>TEST CASE GOAL:</u> Verify that the creation of a group and/or addition of a member to the group creates an XML document in the PoC XDMS that can be retrieved by the users.</p>  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0201 | <p>Verify that the UE can create and retrieve XML elements and attributes from the PoC XDMS.</p> <p><u>TEST CASE GOAL:</u> Add a member to already existing group. Verify that the member and the "uri" attribute of the member are created and stored correctly in the PoC XDMS.</p>  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0202 | <p>Verify that the user can modify and retrieve an XML document by modifying its element.</p> <p><u>TEST CASE GOAL:</u> Modify a &lt;display-name&gt; element of an existing member in the existing group and verify that the list's XML document is updated correctly in the PoC XDMS.</p>                                    | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0203 | <p>Verify that the user can modify and retrieve an XML document and an element of an XML document.</p> <p><u>TEST CASE GOAL:</u> Add a member to the existing group and verify that the group's XML document is updated correctly in the PoC XDMS. Modification of the document is achieved by adding a new element to it.</p> | 24          | 24 | 0 | 0 | 0 | 0   |     |       |

| Test Case id:        | Description:   | Test Counts |    |   |   |   |     | PR: | Note: |
|----------------------|--|-------------|----|---|---|---|-----|-----|-------|
|                      |  | R           | P  | F | O | I | N/A |     |       |
| PoC-XDM-1.0-int-0204 | Verify that a user can delete an element from an XML document.<br><u>TEST CASE GOAL:</u> Delete a member of a group and verify that the group's XML document in the XDMS is updated correctly and does not contain the element that represents the deleted member.   | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0205 | Verify that a user can delete an XML document from the XDMS.<br><u>TEST CASE GOAL:</u> Delete a "list-service" document describing a group from the PoC XDMS.  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0500 | Verify that user is able to create multiple PoC Group documents.<br><u>TEST CASE GOAL:</u> Verify that multiple XML PoC group documents can be created in XDMS and retrieved from the XDMS by the user.  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| PoC-XDM-1.0-int-0501 | Verify that duplicate entry validation constraints is supported by the User and the PoC XDMS for the PoC Group document.<br><u>TEST CASE GOAL:</u> Verify that the user cannot add the same member to the same group twice. The PoC XDMS needs to validate the "Duplicate Entry" constraint and respond appropriately to the user. The UE needs to handle the response from the XDMS server correctly. | 19          | 18 | 1 | 0 | 0 | 5   |     |       |
| PoC-XDM-1.0-int-0502 | Verify that the exceeding maximum participants count validation constraint is supported by the User and the PoC XDMS for the PoC Group document.<br><u>TEST CASE GOAL:</u> Verify that PoC XDMS is able to interpret the <max-participant-count> element correctly when set to the value greater than PoC XDMS maximum value.  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |

| Test Case id:        | Description:   | Test Counts |    |   |   |   |     | PR: | Note: |
|----------------------|--|-------------|----|---|---|---|-----|-----|-------|
|                      |  | R           | P  | F | O | I | N/A |     |       |
| PoC-XDM-1.0-int-0503 | <p>Verify the usage of &lt;invite-members&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that the UEs supporting &lt;invite-members&gt; element can set and store the element correctly in PoC XDMS. Verify that PoC Server is able to read the element correctly from PoC XDMS and interpret it correctly.</p>                                  | 6           | 6  | 0 | 3 | 0 | 15  |     |       |
| PoC-XDM-1.0-int-0504 | <p>Verify the usage of &lt;invite-members&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the &lt;invite-members&gt; element.</p>  | 5           | 5  | 0 | 3 | 0 | 16  |     |       |
| PoC-XDM-1.0-int-0505 | <p>Verify the usage of &lt;max-participants-count&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that the UEs that support &lt;max-participant-count&gt; element can set and store the element correctly in PoC XDMS.</p>  | 20          | 20 | 0 | 2 | 0 | 2   |     |       |
| PoC-XDM-1.0-int-0506 | <p>Verify the usage of &lt;join-handling&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that the UEs that support &lt;join-handling&gt; element can set and store the element correctly in PoC XDMS. &lt;join-handling&gt; element is a child of &lt;action&gt; element. &lt;action&gt; element is a child element of &lt;rules&gt; element.</p> | 5           | 0  | 0 | 2 | 5 | 17  |     |       |
| PoC-XDM-1.0-int-0507 | <p>Verify the usage of &lt;join-handling&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the &lt;join-handling&gt; element.</p>  | 5           | 0  | 0 | 2 | 5 | 17  |     |       |

| Test Case id:        | Description:  | Test Counts |   |   |   |   |     | PR: | Note: |
|----------------------|---|-------------|---|---|---|---|-----|-----|-------|
|                      |   | R           | P | F | O | I | N/A |     |       |
| PoC-XDM-1.0-int-0508 | Verify the usage of <allow-initiate-conference> element in the PoC Group document.<br>TEST CASE GOAL: Verify that the UEs that support <allow-initiate-conference> element can set and store the element correctly in PoC XDMS. <allow-initiate-conference> element is a child of <action> element. <action> element is a child element of <rules> element.                               | 5           | 3 | 2 | 3 | 0 | 16  |     |       |
| PoC-XDM-1.0-int-0509 | Verify the usage of <allow-initiate-conference> element in the PoC Group document.<br>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-initiate-conference> element.  | 4           | 2 | 2 | 3 | 0 | 17  |     |       |
| PoC-XDM-1.0-int-0510 | Verify the usage of <invite-additional-users-dynamically> element in the PoC Group document.<br>TEST CASE GOAL: Verify that the UEs that support <invite-additional-users-dynamically> element can set and store the element correctly in PoC XDMS. <invite-additional-users-dynamically> element is a child of <action> element. <action> element is a child element of <rules> element. | 4           | 1 | 2 | 4 | 1 | 16  |     |       |
| PoC-XDM-1.0-int-0511 | Verify the usage of <invite-additional-users-dynamically> element in the PoC Group document.<br>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <invite-additional-users-dynamically> element.  | 3           | 0 | 2 | 4 | 1 | 17  |     |       |

| Test Case id:        | Description:   | Test Counts |   |   |   |   |     | PR: | Note: |
|----------------------|--|-------------|---|---|---|---|-----|-----|-------|
|                      |  | R           | P | F | O | I | N/A |     |       |
| PoC-XDM-1.0-int-0512 | <p>Verify the usage of &lt;allow-anonymity&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that the UEs that support &lt;allow-anonymity&gt; element can set and store the element correctly in PoC XDMS. &lt;allow-anonymity&gt; element is a child of &lt;action&gt; element. &lt;action&gt; element is a child element of &lt;rules&gt; element</p>                      | 5           | 3 | 2 | 3 | 0 | 16  |     |       |
| PoC-XDM-1.0-int-0513 | <p>Verify the usage of &lt;allow-anonymity&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the &lt;allow-anonymity&gt; element.</p>  | 4           | 2 | 2 | 3 | 0 | 17  |     |       |
| PoC-XDM-1.0-int-0514 | <p>Verify the usage of &lt;allow-conference-state&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that the UEs that support &lt;allow-conference-state&gt; element can set and store the element correctly in PoC XDMS. &lt;allow-conference-state&gt; element is a child of &lt;action&gt; element. &lt;action&gt; element is a child element of &lt;rules&gt; element</p> | 5           | 3 | 2 | 3 | 0 | 16  |     |       |
| PoC-XDM-1.0-int-0515 | <p>Verify the usage of &lt;allow-conference-state&gt; element in the PoC Group document.</p> <p>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the &lt;allow-conference-state&gt; element.</p>  | 4           | 2 | 2 | 3 | 0 | 17  |     |       |

| Test Case id:             | Description:  | Test Counts |    |   |   |   |     | PR: | Note: |
|---------------------------|---|-------------|----|---|---|---|-----|-----|-------|
|                           |   | R           | P  | F | O | I | N/A |     |       |
| PoC-XDM-1.0-int-0516      | Verify the usage of <is-key-participant> element in the PoC Group document.<br>TEST CASE GOAL: Verify that the UEs that support <is-key-participant> element can set and store the element correctly in PoC XDMS. <is-key-participant> element is a child of <action> element. <action> element is a child element of <rules> element | 5           | 3  | 2 | 3 | 0 | 16  |     |       |
| PoC-XDM-1.0-int-0517      | Verify the usage of <is-key-participant> element in the PoC Group document.<br>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <is-key-participant> element.  | 4           | 2  | 2 | 3 | 0 | 17  |     |       |
| PoC-XDM-1.0-int-0600      | Verify the usage of <allow-invite> element in the PoC User Access Policy document.<br>TEST CASE GOAL: Verify that the UEs that support <allow-invite> element can set and store the element correctly in PoC XDMS. <allow-invite> element is a child of <action> element. <action> element is a child element of <rules> element.     | 3           | 3  | 0 | 3 | 0 | 18  |     |       |
| PoC-XDM-1.0-int-0601      | Verify the usage of <allow-invite> element in the PoC Group document.<br>TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-invite> element.  | 2           | 2  | 0 | 3 | 0 | 19  |     |       |
| Presence-XDM-1.0-int-0100 | Verify that UE can be successfully authenticated by the Aggregation Proxy when retrieving documents over the XCAP interface.<br>TEST CASE GOAL: Verify that when the UE initiates the communication with an XDMS, the Aggregation Proxy authenticates it.   | 23          | 23 | 0 | 0 | 0 | 1   |     |       |

| Test Case id:             | Description:  | Test Counts |    |   |   |   |     | PR: | Note: |
|---------------------------|---|-------------|----|---|---|---|-----|-----|-------|
|                           |   | R           | P  | F | O | I | N/A |     |       |
| Presence-XDM-1.0-int-0150 | <p>Verify that the Aggregation Proxy rejects too many failed authentication attempts by the UE.</p> <p><u>TEST CASE GOAL:</u> Verify that the client will not be able to access XML documents during the initial communication attempt with an XDMS.</p>  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| Presence-XDM-1.0-int-0200 | <p>Verify that the user can create and retrieve an XML document from the Presence XDMS.</p> <p><u>TEST CASE GOAL:</u> Verify creation and retrieval of Presence Authorization Rules document. This test case is for the UEs that are able to create the Presence Authorization Rules document.</p>  | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| Presence-XDM-1.0-int-0201 | <p>Verify that the user can retrieve an XML document from the Presence XDMS.</p> <p><u>TEST CASE GOAL:</u> Verify retrieval of Presence Authorization Rules document.</p>   | 24          | 24 | 0 | 0 | 0 | 0   |     |       |
| Presence-XDM-1.0-int-0202 | <p>Verify that the UE can create and retrieve XML elements from the Presence XDMS.</p> <p><u>TEST CASE GOAL:</u> Add an additional rule to already existing Presence Authorization Rules document stored in the Presence XDMS. Verify that the Presence Authorization Rules document has been updated correctly in the Presence XDMS.</p> | 19          | 19 | 0 | 0 | 0 | 5   |     |       |
| Presence-XDM-1.0-int-0203 | <p>Verify that the UE can modify and retrieve XML elements and documents from the Presence XDMS.</p> <p><u>TEST CASE GOAL:</u> Modify and retrieve an already existing rule in Presence Authorization Rules document stored in the Presence XDMS. Verify that the rule has been updated correctly in the Presence XDMS.</p>               | 19          | 19 | 0 | 0 | 0 | 5   |     |       |

| Test Case id:             | Description:   | Test Counts |    |   |   |   |     | PR: | Note: |
|---------------------------|--|-------------|----|---|---|---|-----|-----|-------|
|                           |  | R           | P  | F | O | I | N/A |     |       |
| Presence-XDM-1.0-int-0204 | <p>Verify that the UE can delete XML elements from the Presence XDMS.</p> <p><u>TEST CASE GOAL:</u> Delete a rule from the Presence Authorization Rules document stored in the Presence XDMS and verify that the rule is removed from the Presence XDMS.</p> | 19          | 19 | 0 | 0 | 0 | 5   |     |       |
| Presence-XDM-1.0-int-0205 | <p>Verify that the UE can delete an XML document from the Presence XDMS.</p> <p><u>TEST CASE GOAL:</u> Delete the Presence Authorization Rules document stored in the Presence XDMS and verify that the document no longer exists in the Presence XDMS.</p>  | 21          | 21 | 0 | 0 | 0 | 3   |     |       |

Table 2. Test Case Counts

### 5.2.3 Problem Reports

During the activities for TestFest-18, 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> |
|------------------|------------------|--|--|
| 028              | Specification    | It is unclear how XDMC should use absolute URIs it receives in XML documents | OMA-TS-XDM_Core-V1_0-20050415-C                      |

Full details of all Problem Reports can be found at:

<http://www.openmobilealliance.org/OMA-Problem-Reporting-System.html>

## 6. Confirmation

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

A handwritten signature in black ink, appearing to read "H. Greenwell". The signature is written in a cursive style with a long horizontal stroke at the end.

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OMA Trusted Zone

## Appendix A. Change History

(Informative)

| Type of Change        | Date                       | Section | Description                    |
|-----------------------|----------------------------|---------|--------------------------------|
| Initial Draft Release | 9 <sup>th</sup> March 2007 | All     | First Version from TestFest-18 |