Enabler Test Specification for PoC XDM Interoperability

Candidate Version 1.0 – 17 Jul 2007

Open Mobile Alliance

OMA-ETS-PoC_XDM_INT-V1_0-20070717-C

Contents

1. Scope

This document describes in detail available test cases for Enabler PoC V1.0 (http://www.openmobilealliance.org).
The coverage of the tests includes PoC XDMS. PoC Enabler should also consider test cases included in the XDM-ETS document.

2. References

2.1 Normative References

[IOPPROC] "OMA Interoperability Policy and Process", Version 1.4, Open Mobile Alliance™, OMA-IOP-Process-V1_4, www.openmobilealliance.org

[OMA-PoC_ERP] OMA Enabler Push to talk over Cellular, Version 1.0, Open Mobile Alliance™, OMA-ERP-PoC-V1_0_1-20061128-A, http://www.openmobilealliance.org/

[OMA-TS_XDM_Shared] "Shared XDM Specification ", Version 1.0, Open Mobile Alliance™, OMA-TS-XDM_Shared-V1_0, www.openmobilealliance.org

[OMA-XDM_ERP] OMA Enabler XML Document Management, Version 1.0, Open Mobile Alliance™, OMA-ERP-XDM-V1_0_1-20061128-A, http://www.openmobilealliance.org/

[RFC2119] "Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997, www.ietf.org/rfc/rfc2119.txt

2.2 Informative References

[OMADICT] "Dictionary for OMA Specifications", Open Mobile Alliance™. OMA-Dictionary, 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

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”.

Following is the definition of fields in the naming convention:

XDM-1.0	int	01	00
Specification Release (XDM Version) number.	int – interoperability	Test-category	Test Sequence Number

3.2 Definitions

Contact List	PoC Enabler specific usage of a URI List.
UE	A client terminal with assigned User[N] used for testing.
URI List	Number of URIs grouped together and as a list conforming to the definition in [OMA-TS_XDM_Shared].
user	A person using UE.
User[N]	A subscriber assigned to UE, where N is an integer number (i.e. User1, User2, etc.)

3.3 Abbreviations

AD	Architecture Document
ETS	Enabler Test Specification
IMS	IP Multimedia Subsystem
IP	Internet Protocol
OMA	Open Mobile Alliance
PoC	Push to talk over Cellular
RD	Requirements Document
RLS	Resource List Server
SIP	Session Initiation Protocol
UE	User Equipment
URI	Universal Resource Identifier
XCAP	XML Configuration Access Protocol
XDM	XML Document Management
XDMC	XDM Client
XDMS	XDM Server

XML Extensible Mark-up Language

3.4 Testing Policies

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

It should be noted that the requirement of multi-company testing is compulsory for TestFest events, bilateral testing events and similar multi-company IOT events.

For the UE testing, the focus is on UE1 (from Company1) and UE2 (from Company2). UE1, UE2 and the XDMS MUST be from different vendors. UE3, UE4 and UE5 are from Company2.

UE1 is used for test case execution (storage, retrieval and modification of the XML documents in XDMS).

UE2 is used only for verification of UE1's test cases execution (storage, retrieval and modification of the XML documents in XDMS).

UE1 and UE2 are from different companies and are preloaded with the same user credentials to validate that UE1 correctly manipulated XML documents.

Whenever supported, unless specified differently by the test case, the listed XML elements are set as following:

- <join-handling> element set to 1 (indicating "allow")
- <invite-members> element set to "true"
- <allow-initiate-conference> element set to "true"
- <invite-additional-users-dynamically> element set to "true"
- <allow-anonymity> element set to "true"
- <allow-conference-state> element set to "true"
- <allow-invite> element set to 0 (indicating "pass")

All UEs used for testing are set with manual answer mode, unless specified differently by the test case.

If UE1 uses external lists when storing documents in PoC XDMS, then the verifying UE(s) must support at least external lists retrieval to execute the test cases.

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 implements XDMC and is able to communicate with an XDMS.
- The XDMC establishes a connection to and downloads the required information from the XDMS during power up or during the initial retrieval of XML documents.
- The UE is capable of indicating a successful retrieval of documents from an XDMS.
- The UE is capable of indicating an unsuccessful retrieval of documents from an XDMS.
- The UE is capable of indicating an unsuccessful authentication.

4. Introduction

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

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

- A Client that is comprised of XDMC plus PoC Client
- PoC XDMS and optionally, Shared XDMS.

Detailed information will be included in the specific test cases description.

The XDM Enabler tests are carried out using XCAP and SIP protocols. The transport protocols used are UDP, TCP and/or TLS.

5. Test Cases

This section lists the steps needed for the execution of the PoC XDM test cases.

5.1 Aggregation Proxy Test Cases

This section represents the test cases that will be executed by the following configurations of enablers:

- Client with XDMC
- Aggregation Proxy with a Shared XDMS
- Aggregation Proxy with PoC XDMS

5.1.1 Authentication Test Cases

5.1.1.1 Normal Flow

5.1.1.1.1 PoC-XDM-1.0-int-0100 Authentication of XDMC in the UE

Test Case Id	PoC-XDM-1.0-int-0100
Test Object	UE with XDMC, Aggregation Proxy,PoC XDMS, optionally, Shared XDMS
Test Case Description	Verify that UE can be successfully authenticated by the Aggregation Proxy when retrieving documents over the XCAP interface. TEST CASE GOAL: Verify that when the UE initiates the communication with an XDMS, the Aggregation Proxy authenticates it.
Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.
Test code	Not available.
Preconditions	• Equipment: o UE (with User1 credentials) o Aggregation Proxy o PoC XDMS , optionally, Shared XDMS • Prerequisite for this test: o XDM-1.0-int-0150 – authentication failure test case executes successfully. This is to verify that the Aggregation Proxy is challenging the requests. o Both, the UE and the Aggregation Proxy support the same type of authentication (definition of the authentication is outside of the scope of the ETS) o User1 is preconfigured in the network with valid credentials o The UE is powered off o Authentication is enabled in the Aggregation Proxy o The XDMC communicates with an XDMS when the user accesses the documents for the first time after power up o UE does not have any documents stored locally for User1 o Logging might be requred for this test case, in o rder to fully verify the successfull authentication

Test Procedure	1. UE is powered on. 2. XDMS is contacted to retrieve User1 PoC document (s).
Pass-Criteria	2. No failed authentication indication is displayed to the user. (The UE may display the retrieved XDMS documents).

5.1.1.2 Error Flow

5.1.1.2.1 PoC-XDM-1.0-int-0150 Too Many Failed Authentication Attempts by XDMC in UE

Test Case Id	PoC-XDM-1.0-int-0150
Test Object	UE with XDMC, Aggregation Proxy
Test Case Description	Verify that the Aggregation Proxy rejects too many failed authentication attempts by the UE. TEST CASE GOAL: Verify that the client will not be able to access XML documents during the initial communication attempt with an XDMS.
Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.
Test code	Not available.
Preconditions	• Equipment: o UE (with User1 credentials) o Aggregation Proxy • Prerequisite for this test: o The UE is powered off o Both, the UE and the Aggregation Proxy support the same type of authentication o User1 is preconfigured in the network with wrong credentials (for the Aggregation Proxy to reject authentication requests) o Authentication is enabled in the Aggregation Proxy o The "count of allowed challenges" in the Aggregation Proxy is set to 5 or less o UE does not have any documents for User1
Test Procedure	1. UE is powered on. 2. XDMS is contacted to retrieve User1 PoC document (s).
Pass-Criteria	2. Failed authentication indication is displayed to the user.

5.2 PoC XDMS Test Cases

5.2.1 Document Management and Authorization Test Cases

5.2.1.1 Normal Flow

5.2.1.1.1 PoC-XDM-1.0-int-0200 PoC XDMS Document Creation, Retrieval and Validation.

Test Case Id	PoC-XDM-1.0-int-0200

Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that the user can create and retrieve an XML document from the PoC XDMS. TEST CASE GOAL: 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.
Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.
Test code	Not available.
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 and UE2 are powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 and UE2 are capable of displaying the members of the groups (Groups created by the User provisioned on the UE).
Test Procedure	1. UE1 is powered on. 2. Group1 is created using UE1. 3. User1 and User2 members are added to Group1 using UE1. 4. UE1 is powered off. 5. UE2 is powered on. 6. The list of groups is retrieved using UE2. 7. Group1 members are retrieved using UE2.
Pass-Criteria	2. UE1 displays the group with User1 and User2 as members. 7. UE2 displays the list of groups. Group1 is in the list. 8. UE2 displays the group with User1 and User2 as members.

5.2.1.1.2 PoC-XDM-1.0-int-0201 PoC XDMS Element and Attribute Creation, Retrieval and Validation

Test Case Id	PoC-XDM-1.0-int-0201
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that the UE can create and retrieve XML elements and attributes from the PoC XDMS. TEST CASE GOAL: 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.

Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.
Test code	Not available.
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – executes succesfully o User1 owns the group Group1. The group contains at least 2 members. The group does not containUser3 member. o UE1 and UE2 are capable of displaying the members of the groups and their URIs (Groups created by the User provisioned on the UE). o UE1 is powered on, UE2 is powered off
Test Procedure	1. User3 member is added to Group1 using UE1. 2. The URI of User3 is retrieved from Group1 members list on UE1.The URI is noted. 3. UE1 is powered off. 4. UE2 is powered on. 5. Group1 and its members are retrieved. 6. The URI of User3 is retrieved from Group1 members list using UE2.
Pass-Criteria	1. UE1 displays User3 member in the Group1 member list (element retrieval). 2. UE1 displays User3 URI (attribute retrieval). 5. UE2 displays User3 member in the Group1 member list (element retrieval). 6. UE2 displays the URI of User3 (attribute retrieval). The URI of User3 is identical to the URI seen in Step 2.

5.2.1.1.3 PoC-XDM-1.0-int-0202 PoC XDMS Element Modification, Retrieval and Validation (Includes Optional Features)

Test Case Id	PoC-XDM-1.0-int-0202
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that the user can modify and retrieve an XML document by modifying its element. TEST CASE GOAL: Modify a <display-name> element of an existing member in the existing group and verify that the list's XML document is updated correctly in the PoC XDMS.
Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.

Test code	Not available.
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – successfully executes o UE1 is powered on, UE2 is powered off o UE1 and UE2 support <display-name> element o UE1 is capable of modifying the display name of the group member (Groups created by the User provisioned on the UE). o Group1 exists in the XDMS for User1. The group has at least User1 and User2 members. User3 member does not exist in the group. o UE1 and UE2 are capable of displaying the members of the groups and their URIs (Groups created by the User provisioned on the UE).
Test Procedure	1. User2 is selected from Group1 using UE1. 2. The URI of User2 is selected using UE1 and noted. 3. The display name of the User2 is changed from User2 to User3 using UE1. 4. UE1 is powered off. 5. UE2 is powered on. 6. Group1 is retrieved using UE2. 7. The URI of User3 is selected using UE2 and compared to the noted URI in Step 2.
Pass-Criteria	2. UE1 displays the display name of User2 in Group1. 3. UE1 displays the URI of User2. 7. UE2 displays the URI of User3. The URI displayed on UE2 is identical to the URI noted in Step 2.

5.2.1.1.4 PoC-XDM-1.0-int-0203 PoC XDMS Document Modification, Retrieval and Validation (Modification by Element Addition)

Test Case Id	PoC-XDM-1.0-int-0203
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that the user can modify and retrieve an XML document and an element of an XML document. TEST CASE GOAL: 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.
Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.

Test code	Not available.
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – successfully executes o UE1 is powered on, UE2 is powered off o Group1 exists in the PoC XDMS for User1. The group contains at least User1 and User2members User3 does not exist in the group. o UE1 and UE2 are capable of displaying the members of the groups (Groups created by the User provisioned on the UE).
Test Procedure	1. Group1 is retrieved using UE1. 2. User3 is added to Group1 using UE1. 3. UE1 is powered off. 4. UE2 is powered on. 5. Group1 modified in Step 2 is retrieved using UE2.
Pass-Criteria	1. UE1 displays Group1 member list containing User1 and User2. 2. UE1 displays Group1 member list containing User1, User2 and User3. 5. UE2 displays a group containing User1, User2 and User3. The list is identical to the list in Step 2.

5.2.1.1.5 PoC-XDM-1.0-int-0204 PoC XDMS Element Deletion and Validation

Test Case Id	PoC-XDM-1.0-int-0204
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that a user can delete an element from an XML document. TEST CASE GOAL: Delete a member of a group and verify that the group's XML document in the XDMS is updated correctly and does not contatin the element that represents the deleted member.
Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.
Test code	Not available.

Preconditions	• Equipment: o 2 UE (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on, UE2 is powered off o A group with the display name Group1 exists in the XDMS for User1. The group has at least two members with the display names User2 and User3. o UE1 and UE2 are capable of displaying the members of the groups (Groups created by the User provisioned on the UE).
Test Procedure	1. The member list of Group1 is retrieved using UE1. 2. User2 member is selected and deleted using UE1. 3. UE1 is powered off. 4. UE2 is powered on. 5. The member list of Group1 is retrieved using UE2.
Pass-Criteria	1. UE1 displays the member list of Group1. User2 is among the members of the group.. 2. UE1 displays the member list of Group1. User2 is not among the members of the group. 5. UE2 displays the member list of Group1. User2 is not among the members of the group.

5.2.1.1.6 PoC-XDM-1.0-int-0205 PoC XDMS Document Deletion and Validation

Test Case Id	PoC-XDM-1.0-int-0205
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that a user can delete an XML document from the XDMS. TEST CASE GOAL: Delete a “list-service” document describing a group from the PoC XDMS.
Specification Reference	Refer to Appendix A
SCR Reference	Refer to Appendix A
Tool	Not available.
Test code	Not available.

Preconditions	• Equipment: o 2 UE (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on, UE2 is powered off o A group with the display name Group1 exists in the PoC XDMS for User1.
Test Procedure	1. The list of groups is retrieved using UE1. 2. Group1 is selected and deleted using UE1. 3. UE1 is powered off. 4. UE2 is powered on. 5. The list of a groups is retrieved using UE2.
Pass-Criteria	1. UE1 displays the list of groups. Group1 is in the list of groups. 2. UE1 displays the list of groups. Group1 is not in the list of groups. 5. UE2 displays the list of groups. Group1 is not in the list of groups.

5.2.1.2 Error Flow

Not Available.

5.2.2 Data Consistency Test Cases

The data consistency scenarios for the same end user are tested in section 5.3.1 with additions in this section.

The data consistency scenarios tested with multiple users are not available in the release 1 of XDM Enabler. Only the primary principal (the creator) of the document will be able to read, write, modify, and delete his/her documents; and therefore, other users will not be able to test with primary principle's documents.

5.2.2.1 Normal Flow

Not Available.

5.2.2.2 Error Flow

Not Available.

5.2.3 Authorization Test Cases

5.2.3.1 Normal Flow

In the release 1 of XDM Enabler, only the owner of the document can be its primary principal. Currently, it is also not possible to change the primary principal. The owner authorization rules are tested in the section 5.3.1. Successful execution of these test cases represents successful authorization.

5.2.3.2 Error Flow

Not Available.

5.2.4 PoC XDM Group Actions

5.2.4.1 Normal Flow

5.2.4.1.1 PoC-XDM-1.0-int-0500 Multiple PoC Group Documents Creation.

Test Case Id	PoC-XDM-1.0-int-0500
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that user is able to create multiple PoC Group documents. TEST CASE GOAL: Verify that multiple XML PoC group documents can be created in XDMS and retrieved from the XDMS by the user.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o PoC-XDM-1.0-int-0200 – executes successfully o UE1 is powered on and UE2 is powered off o Groups with the display names Group2 and Group3 do not exist in the list of groups for User1. o UE1 and UE2 are capable of displaying the members of the groups (Groups created by the User provisioned on the UE).
Test Procedure	1. Group2 is created using UE1. 2. User1, User2 and User3 members are added to Group2 using UE1. 3. Group3 is created using UE1. 4. User1 and User2 members are added to Group3 using UE1. 5. UE1 is powered off. 6. UE2 is powered on. 7. The list of groups is retrieved using UE2. 8. Group2 members are retrieved using UE2. 9. Group3 members are retrieved using UE2.
Pass-Criteria	2. UE1 displays Group2 with User1, User2 and User3 as members. 4. UE1 displays Group3 with User1 and User2 as members. 7. UE2 displays the list of groups. Group2 and Group3 are in the list. 8. UE2 displays Group2 with User1, User2 and User3 as members. 9. UE2 displays Group3 with User1 and User2 as members.

5.2.4.1.2 PoC-XDM-1.0-int-0501 Validation Constraint: Duplicate Insertion of the Same Element to the PoC Group Document.

Test Case Id	PoC-XDM-1.0-int-0501
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify that replacement or addition of a duplicate element is supported by the User and the PoC XDMS for the PoC Group document. TEST CASE GOAL: Verify that the user is not allowed to 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. If the XDMC uses positional insertion, a "Duplicate entry" shall be recognized by the PoC XDMS. If the XDMC does not use positional insertion, a replacement of the <entry> element is expected.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on, UE2 is powered off o Group with the display name Group1 exists in the list of groups for User1. o Group1 does not contain User1 member. o UE1 and UE2 are capable of displaying the members of the groups (Groups created by the User provisioned on the UE). o It is determined before the execution of the test case whether the XDMC uses positional insertion, or not.
Test Procedure	1. User1 member is added to Group1 using UE1. 2. User1 member is added to Group1 using UE1. 3. UE1 is powered off. 4. UE2 is powered on. 5. Group1 members are retrieved using UE2.

Pass-Criteria	1. UE1 displays User1 member in the Group1 member list. 2. Failure indication is displayed on UE1 (when positional insertion is used, since "Duplicate entry" was detected by the PoC XDMS), or UE1 displays User1 member in the Group1 member list (when non-positional insertion is used and a replacement operation is invoked by the PoC XDMS). 5. UE2 displays User1 member in the Group1 member list. User1 is displayed only once.

5.2.4.1.3 PoC-XDM-1.0-int-0502 Validation Constraint: Exceeding Value of Maximum Participant Count in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0502
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS
Test Case Description	Verify that the exceeding maximum participants count validation constraint is supported by the User and the PoC XDMS for the PoC Group document. TEST CASE GOAL: 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.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 exists in the list of groups for User1. o Group1 has the <max-participant-count> element set to a value less than or equal to N. o UE1 is capable of allowing the user to set <max-participant-count> element for the created groups. o UE1 and UE2 are capable of displaying the <max-participant-count> element set for a group. o PoC XDMS is provisioned to determine that the highest value for <max-participant-count> is N (for example N=7).
Test Procedure	1. The <max-participant-count> element for Group1 on UE1 is retrieved. 2. User sets the <max-participant-count> element for Group1 on UE1 to N+1. 3. The <max-participant-count> element for Group1 on UE1 is retrieved. 4. UE1 is powered off. 5. UE2 is powered on. 6. The <max-participant-count> element for Group1 on UE2 is retrieved.

Pass-Criteria	1. The <max-participant-count> element for Group1 on UE1 is displayed with the value of N or less. 2. UE1 displays indication to the user that the operation was not successful. 3. The <max-participant-count> element for Group1 on UE1 is displayed with the same value as in Step 1. 6. The <max-participant-count> element for Group1 on UE2 is displayed with the same value as in Step 1.

5.2.4.1.4 PoC-XDM-1.0-int-0503 Data Semantics: the <invite-members> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0503
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <invite-members> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs supporting <invite-members> 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.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE2 is powered off o UE1, UE3 and UE4 are powered on o Groups with the display names Group4 andGroup5 do not exists in the list of groups for User1. o UE1 is capable of allowing the user to set <invite-members> element for the created groups. o UE1 and UE2 are capable of displaying the <invite-members> element set for a group.

Test Procedure	1. Group4 is created using UE1 as a restricted PoC Chat Group and with the element <invite members> set to false. 2. User1, User2, User3 members are added to Group4 using UE1. 3. Group5 is created using UE1 as a Pre-Arranged PoC Group and with the element <invite members> set to true. 4. User1, User2, User3 members are added to Group5 using UE1. 5. User using UE1 initiates the PoC session with Group4. 6. User using UE1 ends the PoC session with Group4. 7. User using UE1 initiates the PoC session with Group5. 8. User2 and User3 on UE3 and UE4 accept. 9. User using UE1 ends the PoC session with Group5. 10. UE1 is powered off. 11. UE2 is powered on. 12. The list of chat groups is retrieved using UE2. 13. Group4's <invite-members> element is retrieved using UE2. 14. Group5's <invite-members> element is retrieved using UE2.
Pass-Criteria	2. UE1 displays the chat group with User1, User2 and User3 as members and with the <invite-members> element set to value "false". 4. UE1 displays the pre-arranged group with User1, User2 and User3 as members and with indication that the <invite-members> element is set to value "true". 5. UE3 and UE4 do not show indication that User2 and User3 were invited to PoC chat session. UE1 may indicate that User1 is in PoC chat session. 6. User1 is not in PoC chat session. 7. UE3 and UE4 show indication that User2 and User3 were invited to Pre-Arranged PoC Session. UE1 may indicate that User1 is in the Pre-Arranged PoC Session. 8. User2 and User3 on UE3 and UE4 are in the Pre-Arranged PoC Session. 9. User1, User2 and User3 on UE1, UE3 and UE4 are not in the PoC session. 12. UE2 displays Group4, Group5 and Group6 on the list of chat groups. 13. UE2 displays the chat group with User1, User2 and User3 as members and with the <invite-members> element set to value "false". 14. UE2 displays the Pre-Arranged PoC Group with User1, User2 and User3 as members and an indication that the <invite-members> element is set to value "true".

5.2.4.1.5 PoC-XDM-1.0-int-0504 Data Semantics: Default Value of the <invite-members> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0504
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <invite-members> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <invite-members> element.
Specification Reference	Refer to Appendix A.

SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE2 is powered off o UE1, UE3 and UE4 are powered on o Group with the display name Group4 does not exist in the list of groups for User1. o UE1 is capable of not setting the <invite-members> element. o UE1 and UE2 are capable of displaying the indication of how <invite-members> element set for a group. o According to PoC-XDM, the default value of <invite-members> element is "false". This value is assumed in the case of absence of the element.
Test Procedure	1. Group4 is created using UE1 as a restricted PoC Chat Group and with the element <invite members> not set. 2. User1, User2, User3 members are added to Group4 using UE1. 3. User using UE1 initiates the PoC session with Group4. 4. User using UE1 end the PoC session with Group4. 5. UE1 is powered off. 6. UE2 is powered on. 7. The list of chat groups is retrieved using UE2. 8. Group4's <invite-members> element is retrieved using UE2.
Pass-Criteria	2. UE1 displays the chat group with User1, User2 and User3 as members and an indication that the <invite-members> element is not set. 3. UE3 and UE4 do not show indication that User2 and User3 were invited to PoC chat session. UE1 may indicate that User1 is in PoC chat session. 4. User1 is not in PoC chat session. 7. UE2 shows Group4 on the list of chat groups. 8. UE2 displays the chat group with User1, User2 and User3 as members and an indication that the <invite-members> element's value is not set.

5.2.4.1.6 PoC-XDM-1.0-int-0505 Data Semantics: the <max-participant-count> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0505

Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS)
Test Case Description	Verify the usage of <max-participants-count> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <max-participant-count> element can set and store the element correctly in PoC XDMS.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (both with User1 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Groups with the display names Group1 and Group2 exist in the list of groups for User1. o UE1 is capable of allowing the user to set <max-participant-count> element for the created groups. o UE1 and UE2 are capable of displaying the <max-participant-count> element set for a group. o PoC XDMS is provisioned to determine that the highest value for <max-participant-count> is N (for example N=7).
Test Procedure	1. User sets the <max-participant-count> element for Group1 on UE1 to N-1. 2. User sets the <max-participant-count> element for Group2 on UE1 to N. 3. UE1 is powered off. 4. UE2 is powered on. 5. The <max-participant-count> element for Group1 on UE2 is retrieved. 6. The <max-participant-count> element for Group2 on UE2 is retrieved.
Pass-Criteria	1. The <max-participant-count> element for Group1 on UE1 is displayed with the value of N-1. 2. The <max-participant-count> element for Group2 on UE1 is displayed with the value of N. 5. The <max-participant-count> element for Group1 on UE2 is displayed with value N-1. 6. The <max-participant-count> element for Group2 on UE2 is displayed with value N.

5.2.4.1.7 PoC-XDM-1.0-int-0506 Data Semantics: the <join-handling> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0506
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <join-handling> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <join-handling> element can set and store the element correctly in PoC XDMS. <join-handling> element is a child of <action> element. <action> element is a child element of <rules> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o UE1 with User1 credentials o UE2 and UE3 with User2 and User3 credentials o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the user to set the <join-handling> element for the members of created PoC Groups. o User3 is set to manual answer mode.
Test Procedure	1. Group1 is created using UE1 as a Pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1 and User2 with <join-handling> elements set to "true", User3 with <join-handling> element set to "false". 3. User using UE1 initiates the PoC Session with Group1. 4. User2 accepts the PoC Session invitation. User3 rejects the PoC Session invitation. 5. User3 attempts to join PoC Session with Group1.

Pass-Criteria	4. User1 and User2 are in the PoC Session. User3 is not in the PoC Session. 5. User3 receives an indication that it was not possible to join the PoC Session with Group1.

5.2.4.1.8 PoC-XDM-1.0-int-0507 Data Semantics: Default Value of the <join-handling> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0507
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <join-handling> element in the PoC Group document (default value usage). TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <join-handling> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o UE1 with User1 credentials o UE2 and UE3 with User2 and User3 credentials o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the <join-handling> element not to be set. o According to PoC-XDM, the default value of <join-handling> element is "false" . This value is assumed in the case of absence of the element.

Test Procedure	1. Group1 is created using UE1 as a Pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1, User2 and User3 with <join-handling> element not present (default handling). 3. User using UE1 initiates the PoC Session with Group1. 4. User1 and User2 are in the PoC Session. User3 is not in the PoC Session 5. User3 attempts to join PoC Session with Group1.
Pass-Criteria	4. User1 and User2 are in the PoC Session. User3 is not in the PoC Session. 5. User3 receives an indication that it was not possible to join the PoC Session with Group1.

5.2.4.1.9 PoC-XDM-1.0-int-0508 Data Semantics: the <allow-initiate-conference> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0508
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-initiate-conference> element in the PoC Group document. 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.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the user to set <allow-initiate-conference> element for the members of created groups. o UE1 and UE2 are capable of displaying the <allow-initiate-conference> element set for a group members.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1 with <allow-initiate-conference> element set to "false", User2 and User3 with <allow-initiate-conference> elements set to "true". 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 on UE3 initiates the PoC session with Group1. 5. User1 and User3 on UE1 and UE4 accept the invitation. 6. User1 on UE1 ends the PoC session with Group1. 7. UE1 is powered off. 8. UE2 is powered on. 9. The <allow-initiate-conference> elements for Group1 members are retrieved on UE2.
Pass-Criteria	2. The members of Group1 are displayed on UE1 with the following values of <allow-initiate-conference> element: "false" for User1, "true" for User2 and User3. 3. UE3 and UE4 receive no indication that User2 and User3 were invited to the PoC session. UE1 may indicate to the user that the PoC session was not established, or that User1 is not allowed to establish session. 4. UE1 and UE4 receive indication that User1 and User3 were invited to the PoC session. 5. User1, User2 and User3 are in the PoC session. 6. User1, User2 and User3 are not in the PoC session. 9. The members of Group1 are displayed on UE2 with the following values of <allow-initiate-conference> element: "false" for User1, "true" for User2 and User3.

5.2.4.1.10 PoC-XDM-1.0-int-0509 Data Semantics: Default Value of the <allow-initiate-conference> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0509

Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-initiate-conference> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-initiate-conference> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the <allow-initiate-conference> element not to be set. o UE1 and UE2 are capable of displaying the <allow-initiate-conference> element set for a group members. o According to PoC-XDM, the default value of <allow-initiate-conference> element is “false”. This value is assumed in the case of absence of the element.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1, User2 and User3 with <allow-initiate-conference> element not present. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 on UE3 initiates the PoC session with Group1. 5. User3 on UE4 initiates the PoC session with Group1. 6. UE1 is powered off. 7. UE2 is powered on. 8. The <allow-initiate-conference> elements for Group1 members are retrieved on UE2.

Pass-Criteria	2. The members of Group1 are displayed on UE1 with the values of <allow-initiate-conference> element not present for User1, User2 and User3 (default handling). 3. UE3 and UE4 receive no indication that User2 and User3 were invited to the PoC session. UE1 may indicate to the user that the PoC session was not established, or that User1 is not allowed to establish session. 4. UE1 and UE4 receive no indication that User1 and User3 were invited to the PoC session. UE3 may indicate to the user that the PoC session was not established, or that User2 is not allowed to establish session. 5. UE1 and UE3 receive no indication that User1 and User2 were invited to the PoC session. UE4 may indicate to the user that the PoC session was not established, or that User4 is not allowed to establish session. 8. The members of Group1 are displayed on UE2 with the values of <allow-initiate-conference> element not present for User1, User2 and User3 (default handling).

5.2.4.1.11 PoC-XDM-1.0-int-0510 Data Semantics: the <invite-additional-users-dynamically> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0510
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <invite-additional-users-dynamically> element in the PoC Group document. 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.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 3 UEs (UE3, UE4 and UE5 with User2, User3 and User4 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the user to set <invite-additional-users-dynamically> element for the members of created groups. o UE1 and UE2 are capable of displaying the <invite-additional-users-dynamically> element set for a group members.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1 with <invite-additional-users-dynamically> element set to “false”, User2 and User3 with <invite-additional-users-dynamically> element set to “true”. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 and User3 on UE3 and UE4 accept the invitation to the PoC Session. 5. User1 on UE1 invites User4 on UE5 to the PoC Session with Group1. 6. User2 on UE3 invites User4 on UE5 to the PoC Session with Group1. 7. User4 rejects invitation to the PoC session. 8. User1 on UE1 ends the PoC session with Group1. 9. UE1 is powered off. 10. UE2 is powered on. 11. The <invite-additional-users-dynamically> elements for Group1 members are retrieved on UE2.

Pass-Criteria	1. The members of Group1 are displayed on UE1 with the following values of <allow-initiate-conference> element: User1 with <invite-additional-users-dynamically> element set to "false", User2 and User3 with <invite-additional-users-dynamically> element set to "true". 3. UE3 and UE4 receive indication that User2 and User3 were invited to the PoC session. 4. User1, User2 and User3 are in the PoC session. 5. User4 on UE5 receives no indication about invitation to PoC Session. UE1 may indicate that User1 is not allowed to add users to the PoC session. 6. User4 on UE5 receives indication about invitation to PoC Session. 7. User4 on UE5 receives indication that User4 is not part of the PoC session (due to User4's rejection). 8. User1, User2 and User3 are not in the PoC session. 11. The members of Group1 are displayed on UE2 with the following values of <allow-initiate-conference> element: User1 with <invite-additional-users-dynamically> element set to "false", User2 and User3 with <invite-additional-users-dynamically> element set to "true".

5.2.4.1.12 PoC-XDM-1.0-int-0511 Data Semantics: Default Value of the <invite-additional-users-dynamically> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0511
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <invite-additional-users-dynamically> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <invite-additional-users-dynamically> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 3 UEs (UE3, UE4 and UE5 with User2, User3 and User4 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the <invite-additional-users-dynamically> element not to be set. o UE1 and UE2 are capable of displaying the <invite-additional-users-dynamically> element set for a group members. o According to PoC-XDM, the default value of <invite-additional-users-dynamically> element is “false”. This value is assumed in the case of absence of the element.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1, User2 and User3 with <invite-additional-users-dynamically> elements not present. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 and User3 on UE3 and UE4 accept the invitation to the PoC Session. 5. User1 on UE1 invites User4 on UE5 to the PoC Session with Group1. 6. User2 on UE3 invites User4 on UE5 to the PoC Session with Group1. 7. User3 on UE4 invites User4 on UE5 to the PoC Session with Group1. 8. User1 on UE1 ends the PoC session with Group1. 9. UE1 is powered off. 10. UE2 is powered on. 11. The <invite-additional-users-dynamically> elements for Group1 members are retrieved on UE2.

Pass-Criteria	2. The members of Group1 are displayed on UE1 with the values of <allow-initiate-conference> element not present for all members. 3. UE3 and UE4 receive indication that User2 and User3 were invited to the PoC session. 4. User1, User2 and User3 are in the PoC session. 5. User4 on UE5 receives no indication about invitation to PoC Session. UE1 may indicate that User1 is not allowed to add users to the PoC session. 6. User4 on UE5 receives no indication about invitation to PoC Session. UE3 may indicate that User2 is not allowed to add users to the PoC session. 7. User4 on UE5 receives no indication about invitation to PoC Session. UE4 may indicate that User3 is not allowed to add users to the PoC session. 8. User1, User2 and User3 are not in the PoC session. 11. The members of Group1 are displayed on UE2 with the values of <allow-initiate-conference> element not present for all members.

5.2.4.1.13 PoC-XDM-1.0-int-0512 Data Semantics: the <allow-anonymity> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0512
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-anonymity> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <allow-anonymity> element can set and store the element correctly in PoC XDMS. <allow-anonymity> element is a child of <action> element. <action> element is a child element of <rules> element
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the user to set <allow-anonymity> element for the members of created groups. o UE1 and UE2 are capable of displaying the <allow-anonymity> element set for a group members.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1 with <allow-anonymity> element set to "false", User2 and User3 with <allow-anonymity> element set to "true". 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 on UE3 initiates the PoC session with Group1. 5. User1 and User3 on UE1 and UE4 accept the invitation. 6. User1 on UE1 ends the PoC session with Group1. 7. UE1 is powered off. 8. UE2 is powered on. 9. The <allow-anonymity> elements for Group1 members are retrieved on UE2.
Pass-Criteria	2. The members of Group1 are displayed on UE1 with the following values of <allow-anonymity> element: "false" for User1, "true" for User2 and User3. 3. UE3 and UE4 receive no indication that User2 and User3 were invited to the PoC session. UE1 may indicate to the user that the PoC session was not established, or that User1 is not allowed to establish session. 4. UE1 and UE4 receive indication that User1 and User3 were invited to the PoC session. 5. User1, User2 and User3 are in the PoC session. 6. User1, User2 and User3 are not in the PoC session. 9. The members of Group1 are displayed on UE2 with the following values of <allow-anonymity> element: "false" for User1, "true" for User2 and User3.

5.2.4.1.14 PoC-XDM-1.0-int-0513 Data Semantics: Default Value of the <allow-anonymity> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0513

Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-anonymity> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-anonymity> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available
Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the <allow-anonymity> element not to be set. o UE1 and UE2 are capable of displaying the <allow-anonymity> element set for a group members. o According to PoC-XDM, the default value of <allow-anonymity> element is “false”. This value is assumed in the case of absence of the element.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1, User2 and User3 with <allow-anonymity> element not present. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 on UE3 initiates the PoC session with Group1. 5. User3 on UE4 initiates the PoC session with Group1. 6. UE1 is powered off. 7. UE2 is powered on. 8. The <allow-anonymity> elements for Group1 members are retrieved on UE2.

Pass-Criteria	2. The members of Group1 are displayed on UE1 with the values of <allow-anonymity> element not present for User1, User2 and User3 (default handling). 3. UE3 and UE4 receive no indication that User2 and User3 were invited to the PoC session. UE1 may indicate to the user that the PoC session was not established, or that User1 is not allowed to establish session. 4. UE1 and UE4 receive no indication that User1 and User3 were invited to the PoC session. UE3 may indicate to the user that the PoC session was not established, or that User2 is not allowed to establish session. 5. UE1 and UE3 receive no indication that User1 and User2 were invited to the PoC session. UE4 may indicate to the user that the PoC session was not established, or that User4 is not allowed to establish session. 8. The members of Group1 are displayed on UE2 with the values of <allow-anonymity> element not present for User1, User2 and User3 (default handling).

5.2.4.1.15 PoC-XDM-1.0-int-0514 Data Semantics: the <allow-conference-state> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0514
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-conference-state> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <allow-conference-state> element can set and store the element correctly in PoC XDMS. <allow-conference-state> element is a child of <action> element. <action> element is a child element of <rules> element
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the user to set <allow-conference-state> element for the members of created groups. o UE1 and UE2 are capable of displaying the <allow-conference-state> element set for a group members.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1 with <allow-conference-state> element set to “false”, User2 and User3 with <allow-conference-state> elements set to “true”. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 and User3 on UE3 and UE4 accept the invitation to the PoC session. 5. User1 on UE1 requests PoC session participants information. 6. User2 on UE3 requests PoC session participants information. 7. User3 on UE4 requests PoC session participants information. 8. User1 on UE1 ends the PoC session with Group1. 9. UE1 is powered off. 10. UE2 is powered on. 11. The <allow-conference-state> elements for Group1 members are retrieved on UE2.

Pass-Criteria	2. The members of Group1 are displayed on UE1 with the following values of <allow-conference-state> element: “false” for User1, “true” for User2 and User3. 3. UE3 and UE4 receive indication that User2 and User3 were invited to the PoC session. 4. User1, User2 and User3 are in the PoC session. 5. UE1 may indicate that User1 is not allowed to receive the PoC session participants’ information or tha the requested action is not allowed. 6. UE3 displays the PoC session participants’ information to the user. 7. UE4 displays the PoC session participants’ information to the user. 8. User1, User2 and User3 are not in the PoC session. 11. The members of Group1 are displayed on UE2 with the following values of <allow-anonymity> element: “false” for User1, “true” for User2 and User3.

5.2.4.1.16 PoC-XDM-1.0-int-0515 Data Semantics: the <allow-conference-state> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0515
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-conference-state> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-conference-state> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the <allow-conference-state> element not to be set. o UE1 and UE2 are capable of displaying the <allow-conference-state> element set for a group members. o According to PoC-XDM, the default value of <allow-conference-state> element is "false". This value is assumed in the case of absence of the element.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1, User2 and User3 with <allow-conference-state> elements not present. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 and User3 on UE3 and UE4 accept the invitation to the PoC session. 5. User1 on UE1 requests PoC session participants information. 6. User2 on UE3 requests PoC session participants information. 7. User3 on UE4 requests PoC session participants information. 8. User1 on UE1 ends the PoC session with Group1. 9. UE1 is powered off. 10. UE2 is powered on. 11. The <allow-conference-state> elements for Group1 members are retrieved on UE2.

Pass-Criteria	2. The members of Group1 are displayed on UE1 with the values of <allow-conference-state> elements not present for User1, User2 and User3 (default handling). 3. UE3 and UE4 receive indication that User2 and User3 were invited to the PoC session. 4. User1, User2 and User3 are in the PoC session. 5. UE1 may indicate that User1 is not allowed to receive the PoC session participants' information or tha the requested action is not allowed. 6. UE3 may indicate that User2 is not allowed to receive the PoC session participants' information or tha the requested action is not allowed. 7. UE4 may indicate that User3 is not allowed to receive the PoC session participants' information or tha the requested action is not allowed. 8. User1, User2 and User3 are not in the PoC session. 11. The members of Group1 are displayed on UE2 with the values of <allow-conference-state> elements not present for User1, User2 and User3 (default handling).

5.2.4.1.17 PoC-XDM-1.0-int-0516 Data Semantics: the <is-key-participant> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0516
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <is-key-participant> element in the PoC Group document. 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
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the user to set <is-key-participant> element for the members of created groups. o UE1 and UE2 are capable of displaying the <is-key-participant> element set for a group members. o 1-many-1 PoC session is session established by distinguished participant. Ordinary participant can only establish 1-many PoC pre-arranged PoC session.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1 and User3 with <is-key-participant> elements set to "false", User2 with <is-key-participant> element set to "true". This means that only User2 is distinguished participant and rest of the users are ordinary participants. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 and User3 on UE3 and UE4 accept the invitation to the PoC session. User1 talks. 5. User2 talks. 6. User3 talks. 7. User1 on UE1 ends the PoC session with Group1. 8. User2 on UE3 initiates the PoC session with Group1. 9. User1 and User3 on UE1 and UE4 accept the invitation to the PoC session. User2 talks. 10. User1 talks. 11. User3 talks. 12. User2 on UE3 ends the PoC session with Group1. 13. UE1 is powered off. 14. UE2 is powered on. 15. The <is-key-participant> elements for Group1 members are retrieved on UE2.

Pass-Criteria	1. The members of Group1 are displayed on UE1 with the following values of <is-key-participant> element: “false” for User1 and User3, “true” for User2. 2. UE3 and UE4 receive indication that User2 and User3 were invited to the PoC session. 3. User1, User2 and User3 are in the PoC session. The session is 1-many. User2 and User3 can hear User1 talking. 4. User1 and User3 can hear User2 talking. 5. User1 and User2 can hear User3 talking. 6. User1, User2 and User3 are not in the PoC session. 7. UE1 and UE4 receive indication that User1 and User3 were invited to the PoC session. 8. User1, User2 and User3 are in the PoC session. The session is 1-many-1. User1 and User3 can hear User2 talking, since User2 is distinguished participant. 9. User2 can hear User1 talking and User3 cannot hear User1 talking (since User2 is distinguished and User3 is ordinary participant). 10. User2 can hear User3 talking and User1 cannot hear User3 talking (since User2 is distinguished and User1 is ordinary participant). 11. User1, User2 and User3 are not in the PoC session. 12. UE1 and UE3 receive indication that User1 and User2 were invited to the PoC session. 15. The members of Group1 are displayed on UE2 with the following values of <is-key-participant> element: “false” for User1 and User3, “true” for User2.

5.2.4.1.18 PoC-XDM-1.0-int-0517 Data Semantics: Default Value of the <is-key-participant> element in the PoC Group Document (Includes Optional Features).

Test Case Id	PoC-XDM-1.0-int-0517
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <is-key-participant> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <is-key-participant> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o Group with the display name Group1 does not exist in the list of groups for User1. o UE1 is capable of allowing the <is-key-participant> element not to be set. o UE1 and UE2 are capable of displaying the <is-key-participant> element set for a group members. o According to PoC-XDM, the default value of <is-key-participant> element is "false". This value is assumed in the case of absence of the element. o 1-many-1 PoC session is session established by distinguished participant. Ordinary participant can only establish 1-many PoC pre-arranged PoC session.
Test Procedure	1. Group1 is created using UE1 as a pre-arranged PoC Group. 2. The following members are added to Group1 using UE1: User1, User2 and User3 with <is-key-participant> element not present. This means that no members of the group are distinguished participants. The users are ordinary participants. 3. User1 on UE1 initiates the PoC session with Group1. 4. User2 and User3 on UE3 and UE4 accept the invitation to the PoC session. User1 talks. 5. User2 talks. 6. User3 talks. 7. User1 on UE1 ends the PoC session with Group1. 8. User2 on UE3 initiates the PoC session with Group1. 9. User1 and User3 on UE1 and UE4 accept the invitation to the PoC session. User2 talks. 10. User1 talks. 11. User3 talks. 12. User2 on UE3 ends the PoC session with Group1. 13. UE1 is powered off. 14. UE2 is powered on. 15. The <is-key-participant> elements for Group1 members are retrieved on UE2.

Pass-Criteria	2. The members of Group1 are displayed on UE1 with the values of <is-key-participant> elements not present for User1, User2 and User3 (default handling). 3. UE3 and UE4 receive indication that User2 and User3 were invited to the PoC session. 4. User1, User2 and User3 are in the PoC session. The session is 1-many. User2 and User3 can hear User1 talking. 5. User1 and User3 can hear User2 talking. 6. User1 and User2 can hear User3 talking. 7. User1, User2 and User3 are not in the PoC session. 8. UE1 and UE4 receive indication that User1 and User3 were invited to the PoC session. 9. User1, User2 and User3 are in the PoC session. The session is 1-many. User1 and User3 can hear User2 talking. 10. User2 and User3 can hear User1 talking. 11. User1 and User2 can hear User3 talking. 12. User1, User2 and User3 are not in the PoC session. 15. The members of Group1 are displayed on UE2 with the values of <is-key-participant> elements not present for User1, User2 and User3 (default handling).

5.2.4.2 Error Flow

Not Available

5.2.5 PoC XDM List actions

5.2.5.1 Normal flow

5.2.5.1.1 PoC-XDM-1.0-int-0600 Data Semantics: the <allow-invite> element in the PoC User Access Policy Document (Includes Optional Features)

Test Case Id	PoC-XDM-1.0-int-0600
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-invite> element in the PoC User Access Policy document. 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.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o 2 UEs (UE3 and UE4 with User2 and User3 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o UE1 is capable of allowing the user to set <allow-invite> element for the contacts. o UE1 and UE2 are capable of displaying the <allow-invite> element set for the contacts. o User1 is set to automatic answer mode.
Test Procedure	1. User1 on UE1 sets the following access policy rules' <allow-invite> element: 0 for User2 (indicating "pass") and 2 for User3 (indicating "accept"). 2. User2 on UE3 initiates the 1-1 PoC session with User1. 3. User1 rejects the PoC Session invitation. 4. User3 on UE4 initiates the 1-1 PoC session with User1. 5. User3 on UE4 ends the 1-1 PoC session with User1. 6. UE1 is powered off. 7. UE2 is powered on. 8. The <allow-invite> elements for User1 contacts are retrieved on UE2. 9. UE2 is powered off. 10. UE1 is powered on. 11. User1 on UE1 resets the access policy rules' <allow-invite> element to 1 for User3 (indicating "reject"). 12. User3 on UE4 initiates the 1-1 PoC session with User1. 13. UE1 is powered off. 14. UE2 is powered on. 15. The <allow-invite> elements for User1 contacts are retrieved on UE2.

Pass-Criteria	1. The contacts of User1 are displayed on UE1 with the following values of <allow-invite> element: 0 for User2 (indicating "pass") and 2 for User3 (indicating "accept"). 2. UE1 indicates that User1 was invited to the PoC session (manual invitation, since User1 had access policy set to "pass" for User2). 3. User1 and User2 are not in the PoC session. 4. User1 and User3 are in the PoC session (automatic acceptance of the call, since User1 had access policy set to "accept" for User2 and User1 is set to automatic answer). 5. User1 and User3 are not in the PoC session. 8. The contacts of User1 are displayed on UE2 with the following values of <allow-invite> element: 0 for User2 (indicating "pass") and 2 for User3 (indicating "accept"). 11. The contacts of User1 are displayed on UE1 with the values of <allow-invite> element set to1 for User3 (indicating "reject"). 12. User1 and User3 are not in the PoC session. UE4 may indicate to User3 that the operation was not successful. 15. The contacts of User1 are displayed on UE2 with the following values of <allow-invite> element: 0 for User2 (indicating "pass") and 1 for User3 (indicating "reject").

5.2.5.1.2 PoC-XDM-1.0-int-0601 Data Semantics: Default Value of the <allow-invite> element in the PoC User Access Policy Document (Includes Optional Features)

Test Case Id	PoC-XDM-1.0-int-0601
Test Object	UE with PoC XDMC, Aggregation Proxy, PoC XDMS, Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS), PoC Server
Test Case Description	Verify the usage of <allow-invite> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-invite> element.
Specification Reference	Refer to Appendix A.
SCR Reference	Refer to Appendix A.
Tool	Not available
Test code	Not available

Preconditions	• Equipment: o 2 UEs (UE1 and UE2, both with User1 credentials) o UE3 (with User2 credentials) o Aggregation Proxy o PoC XDMS o Shared XDMS (only required if UE stores documents in PoC XDMS that refer to Shared XDMS) o PoC Server • Prerequisite for this test: o XDM-1.0-int-0100 – executes successfully o UE1 is powered on and UE2 is powered off o UE1 is capable of allowing the <allow-invite> element not to be set. o UE1 and UE2 are capable of displaying the <allow-invite> element set for the contacts. o According to PoC-XDM, the default value of <allow-invite> element is 0 (indicating "pass"). This value is assumed in the case of absence of the element. o User1 is set to automatic answer mode.
Test Procedure	1. User1 on UE1 sets the following access policy rules' <allow-invite> element to no value for User2 (default handling) 2. User2 on UE3 initiates the 1-1 PoC session with User1. 3. User1 rejects the PoC Session invitation. 4. UE1 is powered off. 5. UE2 is powered on. 6. The <allow-invite> elements for User1 contacts are retrieved on UE2.
Pass-Criteria	1. The contacts of User1 are displayed on UE1 with the values of <allow-invite> element not present for User2 (default handling). 2. UE1 indicates that User1 was invited to the PoC session (manual invitation, since User1 had the default access policy set to "pass" for User2). 3. User1 and User2 are not in the PoC session. 6. The contacts of User1 are displayed on UE2 with the values of <allow-invite> element not present for User2 (default handling).

5.2.5.2 Error Flow

Not Available

Appendix A. SCR and Specification References

Test Case Number in ETS	SCR-reference	Spec (AD,CP,UP)-reference
PoC-XDM-1.0-int-0100	XDM-XDMC-C-001:M XDM-XDMC-C-002:M XDM-XDMC-C-005:M XDM-XDMC-C-006:M XDM-XDMS-S-001:M XDM-XDMS-S-005:M XDM-AP-S-001:M XDM-AP-S-002:M XDM-AP-S-004:M XDM-AP-S-005:M XDM-AP-S-007:O	**OMA-XDM-Spec:** 5.2 6.3.1 6.4.1 6.1.1.1 6.1.1.2 6.2.1 6.3 6.3.2 6.3.3 6.4 6.4.2 6.4.3 RFC 2617
PoC-XDM-1.0-int-0150	XDM-XDMC-C-001:M XDM-XDMC-C-002:M XDM-XDMC-C-005:M XDM-XDMC-C-006:M XDM-XDMS-S-001:M XDM-XDMS-S-005:M XDM-AP-S-001:M XDM-AP-S-002:M XDM-AP-S-004:M XDM-AP-S-007:M	**OMA-XDM-Spec:** 5.2 6.3.1 6.4.1 6.1.1.1 6.1.1.2 6.2.1 6.3 6.3.2 6.3.3 6.4 6.4.2 6.4.3 RFC 2617
PoC-XDM-1.0-int-0200 PoC-XDM-1.0-int-0201 PoC-XDM-1.0-int-0202 (Includes Optional Features) PoC-XDM-1.0-int-0203 PoC-XDM-1.0-int-0204 PoC-XDM-1.0-int-0205	XDM-XDMC-C-001:M XDM-XDMC-C-002:M XDM-XDMC-C-005:M XDM-XDMC-C-006:M XDM-XDMS-S-001:M XDM-XDMS-S-005:M XDM-AP-S-001:M XDM-AP-S-002:M XDM-AP-S-004:M XDM-AP-S-007:M POC_XDM-AU-S-001 POC_XDM-AU-S-002 POC_XDM-AU-S-003 POC_XDM-AU-S-004 POC_XDM-AU-S-005 POC_XDM-AU-S-006 PoC_XDM-CAU-C-001	**OMA-XDM-Spec:** 5.2 6.1.1.1 6.1.1.2 6.2.1 6.3 6.3.1 6.3.2 6.4 6.4.1 6.4.2 6.4.3 **OMA-PoC-XDM:** 5.1.1 5.1.2 5.1.3

		5.1.4 5.1.5 5.1.6 5.1.7 5.2.2 5.2.3 5.2.4 5.2.5 5.2.7 s
PoC-XDM-1.0-int-0500	PoC_XDM-CAU-C-001:M PoC_XDM-AU-S-001:M PoC_XDM-AU-S-002:M PoC_XDM-AU-S-003:M PoC_XDM-AU-S-005:M PoC_XDM-AU-S-004:M PoC_XDM-AU-S-006:M	**OMA-PoC-XDM:** 5.1.1 5.1.5 5.1.7 5.1.8 5.2.5 5.2.8
PoC-XDM-1.0-int-0501	PoC_XDM-CAU-C-001:M PoC_XDM-CAU-C-002:M PoC_XDM-AU-S-001:M PoC_XDM-AU-S-002:M PoC_XDM-AU-S-003:M PoC_XDM-AU-S-004:M PoC_XDM-AU-S-005:M PoC_XDM-AU-S-006:M	**OMA-PoC-XDM:** 5.1.1 5.1.5 5.1.6 5.1.7 5.2.1 5.2.5
PoC-XDM-1.0-int-0502 (Includes Optional Features)	PoC_XDM-CAU-C-001:M PoC_XDM-CAU-C-002:M PoC_XDM-AU-S-003:M PoC_XDM-AU-S-005:M PoC_XDM-AU-S-008:M PoC_XDM-AU-S-009:M PoC_XDM-AU-S-010:M	**OMA-PoC-XDM:** 5.1.1 5.1.4 5.1.7 5.2.1 5.2.4 5.2.6 5.2.7 CP 7.2.1.3
PoC-XDM-1.0-int-0503 (Includes Optional Features) PoC-XDM-1.0-int-0504 (Includes Optional Features) PoC-XDM-1.0-int-0505 (Includes Optional Features) PoC-XDM-1.0-int-0506 (Includes Optional Features) PoC-XDM-1.0-int-0507 (Includes Optional Features) PoC-XDM-1.0-int-0508 (Includes Optional Features) PoC-XDM-1.0-int-0509 (Includes Optional Features) PoC-XDM-1.0-int-0510 (Includes Optional Features) PoC-XDM-1.0-int-0511 (Includes Optional Features) PoC-XDM-1.0-int-0512 (Includes Optional Features) PoC-XDM-1.0-int-0513 (Includes Optional Features) PoC-XDM-1.0-int-0514 (Includes Optional Features) PoC-XDM-1.0-int-0515 (Includes Optional Features) PoC-XDM-1.0-int-0516 (Includes Optional Features) PoC-XDM-1.0-int-0517 (Includes Optional Features)	PoC_XDM-CAU-C-001:M PoC_XDM-AU-S-001:M PoC_XDM-AU-S-002:M PoC_XDM-AU-S-003:M PoC_XDM-AU-S-004:M PoC_XDM-AU-S-005:M	**OMA-PoC-XDM:** 5.1

PoC-XDM-1.0-int-0600(Includes Optional Features)	PoC_XDM-CAU-C-001:M PoC_XDM-AU-S-001:M PoC_XDM-AU-S-002:M PoC_XDM-AU-S-003:M PoC_XDM-AU-S-005:M	**OMA-PoC-XDM:** 5.1.1 5.1.4 5.1.7
PoC-XDM-1.0-int-0601(Includes Optional Features)	PoC_XDM-CAU-C-001:M PoC_XDM-AU-S-001:M PoC_XDM-AU-S-002:M PoC_XDM-AU-S-003:M PoC_XDM-AU-S-005:M	**OMA-PoC-XDM:** 5.1.1 5.1.4 5.1.7

Appendix B. Change History (Informative)

B.1 Approved Version History

Reference	Date	Description
OMA-ETS-XDM-V1_0-20050719-A	19 Jul 2005	Initial version

B.2 Draft Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Version OMA-ETS-PoC_XDM_INT-V1_0-20050902-D	02 Sep 2005	All	• Split of ETS documents o Test cases that are left are for PoC XDM Enabler only with optional Shared XDMS o Added PoC XDM test cases from PoC ETS • Renaming of test cases o Removed optional and mandatory due to approved IOP CR: OMA-IOP-2005-0166R01-Clarification-on-optional-mandatory-TC-for-ETS o Renumbered test cases • Added clarification about the uage policy of UE1 and UE2 (based on the feedback from TestFest participants to IOP-PoC SWG) • Added INT to ETS name according to CR: OMA-IOP-POC-2005-0156R01-Naming-of-ETS-in-IOP-PoC-SWG • Added previously removed draft history
Draft Version OMA-ETS-PoC-XDM_INT-V1_0-20050906-D	06 Sep 2005	All	• Removed track changes • Added to IOP-PoC internal documents as a stand alone ETS (result of CR OMA-IOP-POC-2005-0174-XDM-ETS-Split)
Draft Version OMA-ETS-PoC-XDM_INT-V1_0-20050909-D	09 Sep 2005	3.4 5.2.1.1.3	• Added changes from CR: OMA-IOP-POC-2005-0184-Optional-Feature-Notation-in-ETS • Added changes from CR: OMA-IOP-POC-2005-0186R01-Client-Server-Testing-Policies-for-XDM-ETS
Draft Version OMA-ETS-PoC-XDM_INT-V1_0-20051020-D	20 Oct 2005	3.4 5.2.1.1.3	• Added changes from CR: OMA-IOP-POC-2005-0191R02-Adaptation-of-PoC-XDM-Test-Cases-to-XDM-Terminology • Added changes from CR: OMA-IOP-POC-2005-0232-Optional-Feature-Notation-in-ETS-Summary • Added changes from CR: OMA-IOP-POC-2005-0186R02-Client-Server-Testing-Policies-for-XDM-ETS
Candidate Versions OMA-ETS-PoC-XDM_INT-V1_0	29 Mar 2006	All	Corrected the status of the document given in OMA-TP-2005-0397-Updated-ETS-for-PoC-1_0-INT to Candidate. Resubmitted as OMA-TP-2006-0126. Template update.
	02 May 2006	3.4	Incorporated following CR: OMA-IOP-MEC-2006-0249R01-XDM-CR_Answer_to_IOP_PR16 Style and template changes to Appendix and Abbreviation sections Submitted for TP Notification as OMA-TP-2006-0184R01-Notification_changes_POC_XDM_INT_ETS.doc
	13 Jun 2006	5.2.4.1.4 5.2.4.1.4	Incorporated following CRs: • OMA-IOP-MEC-2006-0289R01-CR-PoC-XDM-int-0503

	12 Jul 2007	2.1, 5.2.4.1.2, 5.2.4.1.6, 5.2.4.1.7, 5.2.4.1.8	Incorporated CRs: OMA-IOP-MEC-2006-0371 OMA-IOP-MEC-2007-0007 OMA-IOP-MEC-2007-0066
	17 Jul 2007	n/a	IOP agreed (R&A 007-07-13 to 2007-07-17) # OMA-IOP-2007-0144-INP_Updated_OMA_ETS_PoC_XDM_INT_V1_0 Prepared for TP notification as # OMA-TP-2007-0293-INP_ETS_PoC_XDM_INT_V1_0_for_Notification