



Enabler Validation Plan for URI Schemes

Candidate Version 1.0 – 31 Mar 2008

Open Mobile Alliance
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1. Scope

This document details the Validation plan for the URI Schemes 1.0 Enabler Release. The successful accomplishment of the validation activities is usually required for the Enabler to be considered for Approved status. However for the specific case of this enabler IOP BRO thinks there is no need and feasibility for an interoperability validation.

The validation plan for the URI Schemes 1.0 Enabler Release specifications is usually based on testing expectations in the Enabler Test Requirements (ETR). However this document tries to justify that there is no interoperability in URI Schemes 1.0 making the IOP validation not applicable.

1.1 Assumptions

None

1.2 Exclusions

None

2. References

2.1 Normative References

- [IOPETR] Enabler Test Requirements for URI Schemes for the Mobile Applications Environment " Open Mobile Alliance™, OMA-ETR-URI-Schemes-V1_0, <http://www.openmobilealliance.org/>
- [IOPPROC] “OMA Interoperability Policy and Process”, Version 1.4, Open Mobile Alliance™, OMA-ORG-IOP_Process-V1_5, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [IOPTFG] “OMA TestFest Participation Guidelines”, Version 1.0, Open Mobile Alliance™, OMA-IOP-TestFest-Participation-Guidelines-V1_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [URI_SCH_TS] URI Schemes for the Mobile Applications Environment " Open Mobile Alliance™, OMA-TS-URI-Schemes-V1_0, <http://www.openmobilealliance.org/>

2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version x.y, Open Mobile Alliance™, OMA-ORG-Dictionary-Vx_y, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

3. Terminology and Conventions

3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, are normative, unless they are explicitly indicated to be informative.

3.2 Definitions

Test Fest Multi-lateral interoperability testing event

3.3 Abbreviations

OMA Open Mobile Alliance
URI Uniform Resource Identifier
URL Uniform Resource Locator
TWG Technical Working Group

4. Enabler Validation Description

On the [IOPETR] it is listed the test requirements as identified by the TWG responsible for producing the specifications of URI Schemes [URI_SCH_TS].

The requirements listed there were analysed in detail by IOP BRO and it is visible they are only conformance test requirements. In other words the test requirements on [IOPETR] list several features that are only applicable to the client and that only verifies if it is compliant with the specifications and not exactly if it is interoperable with any other node on the network.

As so IOP could or either participates on a conformance test program, providing a set of test cases that could help developing implementations but that could diverging from the IOP mission to validate the capability of the specs to assure robust communication between different implementations and network entities or simply skip the validation program.

Due to the current workload of the group the decision was to just advise OMA that no interoperability validation is required. Again, the reasons are the conformance nature of the test requirements and the circumscription of the specs to one network element only and as so having no interoperability characteristics.

5. TestFest Activities

5.1 Enabler Test Guidelines

The guidelines to the testing phase are only that no testing is required.

5.1.1 Minimal Test Configuration

This paragraph is not applicable.

5.1.2 Minimal Participation Guidelines

This paragraph is not applicable.

5.1.3 Optimal TestFest Achievement Guidelines

Since no validation program will be conduct, there will be not required to produce an ETS. As so this paragraph is not applicable.

5.2 Enabler Test Requirements

5.2.1 Test Infrastructure Requirements

This paragraph is not applicable.

5.2.2 Enabler Execution Flow

There is no flow between different network nodes or different implementations.

5.2.3 Test Content Requirements

This paragraph is not applicable on the described context however in order to support future implementations development the donation of reference content is highly encouraged. The availability of this donated material will not affect the progression of URI Schemes but it could be a nice to have legacy to the OMA members.

5.2.4 Test Limitations

5.2.4.1 Physical

This paragraph is not applicable.

5.2.4.2 Resources

This paragraph is not applicable.

5.2.5 Test Restrictions

This paragraph is not applicable.

5.2.6 Test Tools

This paragraph is not applicable. However as stated on 5.2.3 any conformance test tool will be also appreciated as a help in supporting a correct deployment of the technology on the industry.

5.2.6.1 Existing Tools to be Used

There is currently no tool available know to the editor of this document.

5.2.6.2 Test Tool Requirements

There are no requirements to a potential conformance test tool.

5.2.7 Resources Required

This paragraph is not applicable.

5.3 Tests to be Performed

The following sections describe the tests related to the formal TestFest validation activities.

5.3.1 Entry Criteria for TestFest

Since there will not be conducted an interoperability validation program, there will no be test fest.

Test Case Id	Special Conditions

Table 1: Listing of Tests for Entry Criteria for TestFest

5.3.2 Testing to be Performed at TestFest

This paragraph is not applicable.

Test Case Id	Special Conditions

Table 2: Listing of Tests to be Performed at TestFest

5.4 Enabler Test Reporting

5.4.1 Problem Reporting Requirements

It is not expected to find any problems since there will not happen any validation.

5.4.2 Enabler Test Requirements

There are no requirements to any test results.

6. Alternative Validation Activities

No principal or alternative validation activities are required.

7. Approval Criteria

This paragraph is not applicable. As no validation will be conducted the enabler is considered ready for approval as soon as the review of the technical documentation is finished.

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version –or- No previous version within OMA

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-EVP-URI_Schemes-V1_0	24 Feb 2008	All	First version of the EVP
Candidate Versions OMA-EVP-URI_Schemes-V1_0	31 Mar 2008	n/a	Prepared for TP Candidate approval TP # OMA-TP-2008-0124- INP_URI_Schemes_1.0_EVP_for_Candidate_approval