



Enabler Release Definition for RESTful Network API for Messaging

Candidate Version 1.0 – 01 Dec 2015

Open Mobile Alliance
OMA-ERELED-REST_NetAPI_Messaging-V1_0-20151201-C

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1. Scope

The scope of this document is limited to the Enabler Release Definition of the RESTful Network API for Messaging (REST_NetAPI_Messaging) version 1.0 according to OMA Release process and the Enabler Release specification baseline listed in section 5.

2. References

2.1 Normative References

- [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)
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR_Rules_and_Procedures,
[URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.9, Open Mobile Alliance™,
OMA-ORG-Dictionary-V2_9, [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”, “Release Version Overview” and “Conformance Requirements Notation Details”, are normative, unless they are explicitly indicated to be informative.

The formal notation convention used in section 8 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCRRULES].

3.2 Definitions

Enabler Release Collection of specifications that combined together form an enabler for a service area, e.g. a download enabler, a browsing enabler, a messaging enabler, a location enabler, etc. The specifications that are forming an enabler should combined fulfil a number of related market requirements.

3.3 Abbreviations

API	Application Programming Interface
ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
REST	Representational State Transfer
XML	Extensible Markup Language

4. Release Version Overview

The scope of this enabler release is to specify a RESTful Network API for Messaging using an HTTP protocol binding.

4.1 Version 1.0 Functionality

The RESTful Network API for Messaging defines REST protocol bindings.

5. Document Listing for RESTful Network API for Messaging

This section is normative. As the RESTful Network API for Messaging is a so-called Fast Track enabler release, no separate Requirements Document and Architecture Document deliverables are produced.

Doc Ref	Permanent Document Reference	Description
Technical Specification		
[REST_NetAPI_Messaging]	OMA-TS-REST_NetAPI_Messaging-V1_0-20151201-C	RESTful Network API for Messaging
Supporting File		
[SUP-XSD_rest_netapi_messaging]	OMA-SUP-XSD_rest_netapi_messaging-V1_0-20151201-C	XML schema for the RESTful Network API for Messaging Working file in Schema directory: file: rest_netapi_messaging-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/

Table 1: Listing of Documents in the RESTful Network API for Messaging V1.0 Enabler

6. OMNA Considerations

The REST_NetAPI_Messaging enabler introduces the following namespaces.

Note that in order to maintain compatibility between minor versions of the same major version, only the major version is reflected in the namespace identifier. Further note that subsequent minor versions of the same XML schema (e.g. 1.1) will be registered against the same namespace identifier.

Description	Registered URN	Schema Links
Messaging	urn:oma:xml:rest:netapi:messaging:1	http://www.openmobilealliance.org/tech/profiles/rest_netapi_messaging-v1_0.xsd

Table 2: OMNA Namespaces

7. Conformance Requirements Notation Details

This section is informative

The tables in following chapters use the following notation:

- Item:** Entry in this column **MUST** be a valid `ScrItem` according to [SCRRULES].
- Feature/Application:** Entry in this column **SHOULD** be a short descriptive label to the **Item** in question.
- Requirement:** Expression in the column **MUST** be a valid `TerminalExpression` according to [SCRRULES] and it **MUST** accurately reflect the architectural requirement of the **Item** in question.

8. ERDEF for REST_NetAPI_Messaging

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-MSG-S-001-M	RESTful Network API for Messaging [REST_NetAPI_Messaging]	REST-MSG-SUPPORT-S-001-M

Table 3: ERDEF for the RESTful Network API for Messaging V 1.0

Appendix A. Change History

(Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-EREELD- REST_NetAPI_Messaging-V1_0	27 Jun 2011	All	Initial draft baseline document
	29 Jun 2011	Contents	Editorial change; updated list of Contents
	18 Oct 2011	Many	Implemented CR: OMA-ARC-REST-NetAPI-2011-0306- CR_Messaging_EREELD_for_CONR
	12 Dec 2011	Many	Implemented: OMA-ARC-REST-NetAPI-2011-0442- CR_Messaging_EREELD_CONR
	10 Jan 2012	Section 5	Update dates for TS and SUP documents
	12 Jan 2012	All	Changed document from file type ".docx" to ".doc". Updated Permanent Document Reference in section 5. Editorial changes
	18 Jan 2012	Section 5	Editorial, updated the dates of the specs. Also used font/color as per Template in cover page hyperlinks.
Candidate Version OMA-EREELD- REST_NetAPI_Messaging-V1_0	31 Jan 2012	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2012-0018- INP_REST_NetAPI_Messaging_1_0_ERP_and_ETR_for_Candidate_Approval
Draft Versions OMA-EREELD- REST_NetAPI_Messaging-V1_0	09 Feb 2013	2.2, 5	Updated permanent document references. Reference to OMA Dictionary updated to version 2.9. Template updated.
	25 Jun 2013	5	Updated Permanent Document References Editorial changes
Candidate Version OMA-EREELD- REST_NetAPI_Messaging-V1_0	09 Jul 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0211- INP_REST_NetAPI_Messaging_V1_0_ERP_for_Candidate_re_approval
Draft Version OMA-EREELD- REST_NetAPI_Messaging-V1_0	20 Nov 2015	5	Editorial update of permanent document references in section 5
Candidate Version OMA-EREELD- REST_NetAPI_Messaging-V1_0	01 Dec 2015	All	Status changed to Candidate by TP TP Ref # OMA-TP-2015-0199- INP_REST_NetAPI_Messaging_V1_0_ERP_for_Candidate_re_approval