



Enabler Release Definition for
RESTful Network API for Short Messaging
Candidate Version 1.0 – 20 Dec 2011

Open Mobile Alliance
OMA-ERELED-REST_NetAPI_ShortMessaging-V1_0-20111220-C

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Contents

1. SCOPE	4
2. REFERENCES	5
2.1 NORMATIVE REFERENCES	5
2.2 INFORMATIVE REFERENCES	5
3. TERMINOLOGY AND CONVENTIONS	6
3.1 CONVENTIONS	6
3.2 DEFINITIONS	6
3.3 ABBREVIATIONS	6
4. RELEASE VERSION OVERVIEW	7
4.1 VERSION 1.0 FUNCTIONALITY	7
5. DOCUMENT LISTING FOR RESTFUL NETWORK API FOR SHORT MESSAGING	8
6. OMNA CONSIDERATIONS	9
7. CONFORMANCE REQUIREMENTS NOTATION DETAILS	10
8. ERDEF FOR REST_NETAPI_SMS	11
APPENDIX A. CHANGE HISTORY (INFORMATIVE)	12
A.1 APPROVED VERSION HISTORY	12
A.2 DRAFT/CANDIDATE VERSION 1.0 HISTORY	12

Tables

Table 1: Listing of Documents in the RESTful Network API for Short Messaging V1.0 Enabler	8
Table 2: OMNA Namespaces	9
Table 3: ERDEF for the RESTful Network API for Short Messaging V 1.0	11

1. Scope

The scope of this document is limited to the Enabler Release Definition of the RESTful Network API for Short Messaging (REST_NetAPI_SMS) 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>
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR_Rules_and_Procedures,
URL:<http://www.openmobilealliance.org/>

2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.8, Open Mobile Alliance™,
OMA-ORG-Dictionary-V2_8, URL:<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 [SCR RULES].

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
SMS	Short Message Service
XML	Extensible Markup Language

4. Release Version Overview

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

4.1 Version 1.0 Functionality

The RESTful Network API for Short Messaging defines REST protocol bindings.

5. Document Listing for RESTful Network API for Short Messaging

This section is normative. As the RESTful Network API for Short 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 Specifications		
[REST_NetAPI_SMS]	OMA-TS-REST_NetAPI_ShortMessaging-V1_0-20111220-C	RESTful Network API for Short Messaging
Supporting Files		
[SUP-XSD_rest_netapi_sms]	OMA-SUP-XSD_rest_netapi_sms-V1_0-20111220-C	XML schema for the RESTful Network API for Short Messaging Working file in Schema directory: file: rest_netapi_sms-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/

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

6. OMNA Considerations

The REST_NetAPI_SMS 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
Short Messaging	urn:oma:xml:rest:netapi:sms:1	http://www.openmobilealliance.org/tech/profiles/rest_netapi_sms-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_SMS

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-SMS-S-001-M	Short Messaging RESTful Network API [REST_NetAPI_SMS]	REST-SMS-SUPPORT-S-001-M

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

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-ERELD- REST_NetAPI_ShortMessaging- V1_0	28 Jun 2011	All	Initial draft baseline document
	19 Oct 2011	3.2, 5, 6, A2	Implemented changes as per, OMA-ARC-REST-NetAPI-2011-0293- CR_SMS_ERELD_preparation_for_CONR
	14 Nov 2011	2.1, 2.2, 5, 6, 7	Implemented changes as per, OMA-ARC-REST-NetAPI-2011-0365- CR_SMS_ERELD_CONRR_resolving_comments
	07 Dec 2011	5	Editorial update of permanent document references in section 5
	08 Dec 2011	5	Editorial change. The date in the document reference for [REST_NetAPI_SMS] changed from 20111207 to 20111208.
Candidate Version: OMA-ERELD- REST_NetAPI_ShortMessaging- V1_0	20 Dec 2011	n/a	Status changed to Candidate by TP TP ref # OMA-TP-2011-0444- INP_REST_NetAPI_ShortMessaging_1_0_ERP_and_ETR_for_Candidate_appr oval