



Enabler Release Definition for  
RESTful Network API for Short Messaging  
Candidate Version 1.0 – 23 Oct 2015

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**Open Mobile Alliance**  
OMA-ERELED-REST\_NetAPI\_ShortMessaging-V1\_0-20151023-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 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](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

<b>API</b>	Application Programming Interface
<b>ERDEF</b>	Enabler Requirement Definition
<b>ERELD</b>	Enabler Release Definition
<b>OMA</b>	Open Mobile Alliance
<b>OMNA</b>	Open Mobile Naming Authority
<b>REST</b>	Representational State Transfer
<b>SMS</b>	Short Message Service
<b>XML</b>	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
<b>Technical Specification</b>		
[REST_NetAPI_SMS]	OMA-TS-REST_NetAPI_ShortMessaging-V1_0-20151023-C	RESTful Network API for Short Messaging
<b>Supporting File</b>		
[SUP-XSD_rest_netapi_sms]	OMA-SUP-XSD_rest_netapi_sms-V1_0-20130219-C	XML schema for the RESTful Network API for Short Messaging  Working file in Schema directory: file: rest_netapi_sms-v1_0.xsd path: <a href="http://www.openmobilealliance.org/tech/profiles/">http://www.openmobilealliance.org/tech/profiles/</a>

**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	<a href="http://www.openmobilealliance.org/tech/profiles/rest_netapi_sms-v1_0.xsd">http://www.openmobilealliance.org/tech/profiles/rest_netapi_sms-v1_0.xsd</a>

**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

### A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ERELED- 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-ERELED- 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
Draft Version OMA-ERELED- REST_NetAPI_ShortMessaging- V1_0	08 Feb 2013	2.2, 5	Updated permanent document references for Short Messaging TS document. Reference to OMA Dictionary updated to version 2.9. Template updated.
Candidate Version OMA-ERELED- REST_NetAPI_ShortMessaging- V1_0	19 Feb 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0041- INP_REST_NetAPI_ShortMessaging_V1_0_ERP_for_Candidate_re_approval
Draft Versions OMA-ERELED- REST_NetAPI_ShortMessaging- V1_0	12 Sep 2013	5	Editorial update of permanent document references in section 5
	22 Oct 2015	5	Editorial update of permanent document references in section 5
Candidate Version OMA-ERELED- REST_NetAPI_ShortMessaging- V1_0	23 Oct 2015	All	Status changed to Candidate by TP TP Ref # OMA-TP-2015-0161- INP_REST_NetAPI_ShortMessaging_V1_0_ERP_for_Notification