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

Open Mobile Alliance
OMA-ERELD-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

[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 2.9, Open Mobile Alliance™,
OMA-ORG-Dictionary-V2_9, 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 [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 fulfill 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.

<table>
<thead>
<tr>
<th>Doc Ref</th>
<th>Permanent Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Specification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[REST_NetAPI_SMS]</td>
<td>OMA-TS-REST_NetAPI_ShortMessaging-V1_0-20151023-C</td>
<td>RESTful Network API for Short Messaging</td>
</tr>
<tr>
<td>Supporting File</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[SUP-XSD_rest_netapi_sms]</td>
<td>OMA-SUP-XSD_rest_netapi_sms-V1_0-20130219-C</td>
<td>XML schema for the RESTful Network API for Short Messaging</td>
</tr>
<tr>
<td></td>
<td>Working file in Schema directory: file: rest_netapi_sms-v1_0.xsd</td>
<td>path: <a href="http://www.openmobilealliance.org/tech/profiles/">http://www.openmobilealliance.org/tech/profiles/</a></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Registered URN</th>
<th>Schema Links</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Messaging</td>
<td>urn:oma:xml:rest:netapi:sms:1</td>
<td><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></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Feature / Application</th>
<th>Requirement</th>
</tr>
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</table>

Table 3: ERDEF for the RESTful Network API for Short Messaging V 1.0
# Appendix A. Change History

(Informative)

## A.1 Approved Version History

<table>
<thead>
<tr>
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<th>Date</th>
<th>Description</th>
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</thead>
<tbody>
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<td>n/a</td>
<td>No prior version</td>
</tr>
</tbody>
</table>

## A.2 Draft/Candidate Version 1.0 History

<table>
<thead>
<tr>
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<th>Date</th>
<th>Sections</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Draft Versions</td>
<td>28 Jun 2011</td>
<td>All</td>
<td>Initial draft baseline document</td>
</tr>
<tr>
<td></td>
<td>19 Oct 2011</td>
<td>3.2, 5, 6, A2</td>
<td>Implemented changes as per, OMA-ARC-REST-NetAPI-2011-0293-CR_SMS_ERELD_preparation_for_CONR</td>
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<td>14 Nov 2011</td>
<td>2.1, 2.2, 5, 6, 7</td>
<td>Implemented changes as per, OMA-ARC-REST-NetAPI-2011-0365-CR_SMS_ERELD_CONRR_resolving_comments</td>
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<tr>
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<td>07 Dec 2011</td>
<td>5</td>
<td>Editorial update of permanent document references in section 5</td>
</tr>
<tr>
<td></td>
<td>08 Dec 2011</td>
<td>5</td>
<td>Editorial change. The date in the document reference for [REST_NetAPI_SMS] changed from 20111207 to 20111208.</td>
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<td>20 Dec 2011</td>
<td>n/a</td>
<td>Status changed to Candidate by TP</td>
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<td></td>
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<td>TP ref # OMA-TP-2011-0444-INP_REST_NetAPI_ShortMessaging_V1_0_ERP_and_ETR_for_Candidate_approval</td>
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<td>19 Feb 2013</td>
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<td>12 Sep 2013</td>
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<td>22 Oct 2015</td>
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<td></td>
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