



# Enabler Release Definition for RESTful Network API for Message Broadcast

Candidate Version 1.0 – 13 Sep 2016

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**Open Mobile Alliance**  
OMA-ERELD-REST\_NetAPI\_MsgBCast-V1\_0-20160913-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 MESSAGE BROADCAST API.....8
- 6. OMNA CONSIDERATIONS .....9
- 7. API CONSIDERATIONS .....10
- 8. CONFORMANCE REQUIREMENTS NOTATION DETAILS .....11
- 9. ERDEF FOR REST\_NETAPI\_MSGBCAST - CLIENT REQUIREMENTS.....12
- APPENDIX A. CHANGE HISTORY (INFORMATIVE).....13
  - A.1 APPROVED VERSION HISTORY .....13
  - A.2 DRAFT/CANDIDATE VERSION 1.0 HISTORY .....13

# Figures

No table of figures entries found.

# Tables

- Table 1: Listing of Documents in the RESTful Network API for Message Broadcast V1.0 Enabler.....8
- Table 2: OMNA Namespaces.....9
- Table 3: ERDEF for RESTful Network API for Message Broadcast V 1.0.....12

# 1. Scope

The scope of this document is limited to the Enabler Release Definition of REST NetAPI Message Broadcast according to OMA Release process and the Enabler Release specification baseline listed in section 5.

## 2. References

### 2.1 Normative References

- [REST\_MSGBCAST] “Specification that defines a RESTful API for Message Broadcast using HTTP protocol bindings”, OMA-TS-REST\_NetAPI\_MsgBCast-V1\_0-20160913-C, [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)
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR\_Rules\_and\_Procedures, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [SUP-XSD\_MSGBCAST] “XML schema for the RESTful Network API for Message Broadcast”, OMA-SUP-XSD\_rest\_netapi\_messagebroadcast-V1\_0-20160913-C, [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 sections 7 and 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.

**Minimum Functionality Description** Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.

### 3.3 Abbreviations

**ERDEF** Enabler Requirement Definition

**ERELED** Enabler Release Definition

**OMA** Open Mobile Alliance

**OMNA** Open Mobile Naming Authority

## 4. Release Version Overview

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

### 4.1 Version 1.0 Functionality

The RESTful Network API for Message Braodcast v1.0 defines REST protocol bindings.

## 5. Document Listing for Message Broadcast API

This section is normative.

Doc Ref	Permanent Document Reference	Description
<b>Requirement Document</b>		
N/A	N/A	N/A
<b>Architecture Document</b>		
N/A	N/A	N/A
<b>Technical Specification</b>		
[REST_MSGBCAST]	OMA-TS-REST_NetAPI_MsgBCast-V1_0-20160913-C	Specification that defines a RESTful API for Message Broadcast using HTTP protocol bindings
<b>Supporting File</b>		
[SUP-XSD_MSGBCAST]	OMA-SUP-XSD_rest_netapi_messagebroadcast-V1_0-20160913-C	XML schema for the RESTful Network API for Message BroadCast  Working file in Schema directory: file: rest_netapi_messagebroadcast-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 Message Broadcast V1.0 Enabler**



## 6. OMNA Considerations

The RESTful Network API for MsgBCast 1.0 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
Message Broadcast	urn:oma:xml:rest:netapi:msgbcast:1	<a href="http://www.openmobilealliance.org/tech/profiles/rest_netapi_message_broadcast-V1_0.xsd">http://www.openmobilealliance.org/tech/profiles/rest_netapi_message_broadcast-V1_0.xsd</a>

**Table 2: OMNA Namespaces**

Exception codes as defined in section 7 of [REST\_NetAPI\_MSGBCAST] are requested to be added to the RESTful Network API Exception Codes Registry, if applicable.

## 7. API Considerations

API Information				
API Name	Technical Specification	API Description	API Category	Protocol Binding
Message Broadcast	OMA-TS-REST_NetAPI_MsgBCast-V1_0	<p>The specification contains HTTP protocol bindings for the Parlay X Web Services Part 15.</p> <p>It provides resource definitions, the HTTP verbs applicable for each of these resources, and the element data structures, as well as support material including flow diagrams and examples using the various supported message body formats (i.e. XML, JSON).</p>	Network API	RESTful HTTP
Previous Release				
Technical Specifications			Publication Release	
OMA-TS-ParlayREST_AudioCall-V1_0			OMA RESTful bindings for Parlay X Web Services (ParlayREST) V2.0	
Supporting Material				
Name		Publication Release		
OMA-SUP-XSD_rest_netapi_messagebroadcast-V1_0		This Release		
OMA_TS_REST_NetAPI_Common-V1_0		OMA-RRP-REST_NetAPI_Common-V1_0		
OMA_SUP_rest_netapi_common-V1_0		OMA-RRP-REST_NetAPI_Common-V1_0		
Related Material				
Name		Publication Release		
OMA-WP-Guidelines_for_RESTful_Network_APIs		OMA-RRP-Guidelines_for_RESTful_Network_APIs		
Profile Information				
Name		Publication Release		
N/A		N/A		

## 8. 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.

## 9. ERDEF for REST\_NetAPI\_MSGBCAST - Client Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-MSGBCAST-S-001-M	RESTful Network API for Message Broadcast 1.0 [REST_MSGBCAST]	REST-MSGBCAST-SUPPORT-S-001-M

**Table 3: ERDEF for RESTful Network API for Message Broadcast 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_MsgBCast-V1_0	10 May 2016	All	Initial draft baseline document
	15 May 2016	All	Removed instructions from the templates Dates changed in the title to update with current date
	16 May 2016	5	Updated document list prior to Consistency Review Editorial changes
	13 Jul 2016	2.1	Updated the normative references list
	24 Aug 2016	5.0	Updated the list of refered documents
	01 Sep 2016	2.1 and 5.0	Updated the list of refered documents
Candidate Version OMA-ERELED- REST_NetAPI_MsgBCast-V1_0	13 Sep 2016	All	Status changed to Candidate by TP TP Ref # OMA-TP-2016-0095- INP_REST_NetAPI_MsgBCast_V1_0_ERP_for_Candidate_approval