



# **Enabler Release Definition for RESTful Network API for Chat**

## **Candidate Version 1.0 – 07 Jun 2018**

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**Open Mobile Alliance**  
OMA-ERELD-REST\_NetAPI\_Chat-V1\_0-20180607-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 Chat (REST\_NetAPI\_Chat) 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 2.8, Open Mobile Alliance™,  
OMA-ORG-Dictionary-V2\_8, [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>XML</b>	eXtensible Markup Language

## 4. Release Version Overview

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

### 4.1 Version 1.0 Functionality

The RESTful Network API for Chat defines REST protocol bindings.

## 5. Document Listing for RESTful Network API for Chat

This section is normative. As the RESTful Network API for Chat 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_Chat]	OMA-TS-REST_NetAPI_Chat-V1_0-20180607-C	RESTful Network API for Chat
<b>Supporting File</b>		
[SUP-XSD_rest_netapi_chat]	OMA-SUP-XSD_rest_netapi_chat-V1_0-20180607-C	XML schema for the RESTful Network API for Chat Working file in Schema directory: file: rest_netapi_chat-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 Chat V1.0 Enabler**



## 6. OMNA Considerations

The REST\_NetAPI\_Chat 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
Chat	urn:oma:xml:rest:netapi:chat:1	<a href="http://www.openmobilealliance.org/tech/profiles/rest_netapi_chat-v1_0.xsd">http://www.openmobilealliance.org/tech/profiles/rest_netapi_chat-v1_0.xsd</a>

**Table 2: OMNA Namespaces**

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

## 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\_Chat

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-CHAT-S-001-M	Chat RESTful Network API [REST_NetAPI_Chat]	REST-CHAT-SUPPORT-S-001-M

**Table 3: ERDEF for the RESTful Network API for Chat 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_Chat-V1_0	28 Jun 2011	All	Initial draft baseline document
	20 Dec 2011	5	Updated Document Listing Editorial changes
	22 Dec 2011	5	Updated Document Listing
	26 Jan 2012	2,3	OMA-ARC-REST-NetAPI-2012-0018-CR_ERELD_Chat_CONR_resolution implemented
	02 Apr 2012	5,7	OMA-ARC-REST-NetAPI-2012-0129-CR_Chat_ERELD_OMNA_considerations_error_codes_Blueprint implemented
	24 Apr 2012	5	Updated Permanent Document References Editorial changes
	02 May 2012	5	Updated Permanent Document References Editorial changes
	03 May 2012	5	Updated Permanent Document References
Candidate Version OMA-EREELD- REST_NetAPI_Chat-V1_0	09 May 2012	All	Status changed to Candidate by TP TP Ref # OMA-TP-2012-0195- INP_REST_NetAPI_Chat_V1_0_ERP_and_ETR_for_Candidate_Approval
Draft Version OMA-EREELD- REST_NetAPI_Chat-V1_0	09 May 2013	5	Updated Document Listing Applied the latest template
Candidate Version OMA-EREELD- REST_NetAPI_Chat-V1_0	13 May 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0135- INP_REST_NetAPI_Chat_V1_0_ERP_for_Notification
Draft Version OMA-EREELD- REST_NetAPI_Chat-V1_0	20 Nov 2015	5	Editorial update of permanent document references in section 5
Candidate Version OMA-EREELD- REST_NetAPI_Chat-V1_0	01 Dec 2015	All	Status changed to Candidate by TP TP Ref # OMA-TP-2015-0188- INP_REST_NetAPI_Chat_V1_0_ERP_for_Candidate_re_approval
Draft Versions OMA-EREELD- REST_NetAPI_Chat-V1_0	23 May 2018	5	Updated Permanent Document References
	05 Jun 2018	5	Updated Permanent Document References
	07 Jun 2018	5	Updated Permanent Document References
Candidate Version OMA-EREELD- REST_NetAPI_Chat-V1_0	07 Jun 2018	n/a	Status changed to Candidate by ARC Doc Ref # OMA-ARC-2018-0020R02- INP_REST_NetAPI_Chat_V1_0_ERP_for_Candidate_Approval