



Enabler Release Definition for RESTful Network API for Call Notification

Candidate Version 1.0 – 26 Feb 2020

Open Mobile Alliance
OMA-ERELD-REST_NetAPI_CallNotification-V1_0-20200226-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 Call Notification (REST_NetAPI_CallNotification) 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 9 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

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
XML	Extensible Markup Language

4. Release Version Overview

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

4.1 Version 1.0 Functionality

The RESTful Network API for Call Notification defines REST protocol bindings.

5. Document Listing for RESTful Network API for Call Notification

This section is normative. As the RESTful Network API for Call Notification 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_CallNotif]	OMA-TS-REST_NetAPI_CallNotification-V1_0-20200226-C	RESTful Network API for Call Notification
Supporting Files		
[SUP-XSD_rest_netapi_callnotif]	OMA-SUP-XSD_rest_netapi_callnotification-V1_0-20200226-C	XML schema for the RESTful Network API for Call Notification Working file in Schema directory: file: rest_netapi_callnotification-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/

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

6. OMNA Considerations

The REST_NetAPI_CallNotification 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
Call Notification	urn:oma:xml:rest:netapi:callnotification:1	http://www.openmobilealliance.org/tech/profiles/rest_netapi_callnotification-v1_0.xsd

Table 2: OMNA Namespaces

7. API Considerations

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_CallNotification

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-CN-S-001-M	Call Notification RESTful Network API [REST_NetAPI_CallNotif]	REST-CN-SUPPORT-S-001-M

Table 3: ERDEF for the RESTful Network API for Call Notification 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_CallNotification- V1_0	28 June 2011	All	Initial draft baseline document
	20 Sep 2011	5	Prepared for CONR
	02 Nov 2011	A.2	CR OMA-ARC-REST-NetAPI-2011-0319- CR_CallNotif_EREELD_CONRR_resolutions applied
	07 Mar 2012	5	Prepared for Candidate
	13 Mar 2012	Front cover, header & footer	Minor editorial updates, copy right year and date of the document
Candidate Version OMA-EREELD- REST_NetAPI_CallNotification- V1_0	27 Mar 2012	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2012-0121- INP_REST_NetAPI_CallNotification_1_0_ERP_and_ETR_for_Candidate_App roval
Draft Version OMA-EREELD- REST_NetAPI_CallNotification- V1_0	09 Feb 2013	2.2, 5	Updated permanent document references. Reference to OMA Dictionary updated to version 2.9. Template updated.
Candidate Version OMA-EREELD- REST_NetAPI_CallNotification- V1_0	12 Feb 2013	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0050- INP_REST_NetAPI_CallNotification_V1_0_Candidate_ERP_for_Notification
Draft Version OMA-EREELD- REST_NetAPI_CallNotification- V1_0	19 Feb 2020	5	Updated permanent document references.
Candidate Version OMA-EREELD- REST_NetAPI_CallNotification- V1_0	26 Feb 2020	n/a	Status changed to Candidate by ARC WG ARC WG Ref # OMA-ARC-2020-0002- INP_REST_NetAPI_CallNotification_V1_0_ERP_for_Candidate_Approval