



Enabler Release Definition for
RESTful Network API for Presence
Candidate Version 1.0 – 01 Dec 2015

Open Mobile Alliance
OMA-ERELED-REST_NetAPI_Presence-V1_0-20151201-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 Presence (REST_NetAPI_Presence) 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_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

API	Application Programming Interface
ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
HTTP	HyperText Transfer Protocol
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
REST	Representational State Transfer
URL	Uniform Resource Locator
URN	Uniform Resource Name
XML	Extensible Markup Language

4. Release Version Overview

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

4.1 Version 1.0 Functionality

The RESTful Network API for Presence defines REST protocol bindings.

5. Document Listing for RESTful Network API for Presence

This section is normative. As the RESTful Network API for Presence 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 Specification		
[REST_NetAPI_Presence]	OMA-TS-REST_NetAPI_Presence-V1_0-20151201-C	RESTful Network API for Presence
Supporting File		
[SUP-XSD_rest_netapi_presence]	OMA-SUP-XSD_rest_netapi_presence-V1_0-20151201-C	XML schema for the RESTful Network API for Presence Working file in Schema directory: file: rest_netapi_presence-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/

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

6. OMNA Considerations

The REST_NetAPI_Presence 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
Presence	urn:oma:xml:rest:netapi:presence:1	http://www.openmobilealliance.org/tech/profiles/rest_netapi_presence-v1_0.xsd

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_Presence

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-PRESENCE-S-001-M	Presence RESTful Network API [REST_NetAPI_Presence]	REST-PRESENCE-SUPPORT-S-001-M

Table 3: ERDEF for the RESTful Network API for Presence 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-EREILD- REST_NetAPI_Presence-V1_0	24 May 2011	All	Initial draft baseline document
	29 Jun 2011	5, A.2	Corrected errors in regard to the Draft//Candidate version, as per AI REST-NetAPI-2011-A072
	30 Jun 2011	Contents	Editorial change; updated list of Contents
	23 Nov 2011	Many	Implemented CR: OMA-ARC-REST-NetAPI-2011-0399-CR_Presence_EREILD_updates_before_CONR
	22 Feb 2012	5	Updated permanent document references for Presence TS and XSD documents.
Candidate Version: OMA-EREILD- REST_NetAPI_Presence-V1_0	13 Mar 2012	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2012-0108- INP_REST_NetAPI_Presence_V1_0_ERP_and_ETR_for_Candidate_Approval
Draft Version: OMA-EREILD- REST_NetAPI_Presence-V1_0	08 Feb 2013	2.2, 5	Updated permanent document references for Presence TS document. Reference to OMA Dictionary updated to version 2.9. Template updated.
Candidate Version: OMA-EREILD- REST_NetAPI_Presence-V1_0	12 Feb 2013	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0048- INP_REST_NetAPI_Presence_V1_0_Candidate_ERP_for_Notification
Draft Version: OMA-EREILD- REST_NetAPI_Presence-V1_0	03 Nov 2015	5	Editorial update of permanent document references in section 5
Candidate Version: OMA-EREILD- REST_NetAPI_Presence-V1_0	01 Dec 2015	All	Status changed to Candidate by TP TP Ref # OMA-TP-2015-0178- INP_REST_NetAPI_Presence_V1_0_ERP_for_Candidate_re_approval