



Enabler Release Definition for  
**RESTful Network API for Presence**  
Candidate Version 1.0 – 13 Mar 2012

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**Open Mobile Alliance**  
OMA-ERELED-REST\_NetAPI\_Presence-V1\_0-20120313-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>
- [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 2.8, Open Mobile Alliance™,  
OMA-ORG-Dictionary-V2\_8, 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 [SCR RULES].

### 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>HTTP</b>	HyperText Transfer Protocol
<b>OMA</b>	Open Mobile Alliance
<b>OMNA</b>	Open Mobile Naming Authority
<b>REST</b>	Representational State Transfer
<b>URL</b>	Uniform Resource Locator
<b>URN</b>	Uniform Resource Name
<b>XML</b>	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
<b>Technical Specifications</b>		
[REST_NetAPI_Presence]	OMA-TS-REST_NetAPI_Presence-V1_0-20120313-C	RESTful Network API for Presence
<b>Supporting Files</b>		
[SUP-XSD_rest_netapi_presence]	OMA-SUP-XSD_rest_netapi_presence-V1_0-20120313-C	XML schema for the RESTful Network API for Presence Working file in Schema directory: file: rest_netapi_presence-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 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	<a href="http://www.openmobilealliance.org/tech/profiles/rest_netapi_presence-v1_0.xsd">http://www.openmobilealliance.org/tech/profiles/rest_netapi_presence-v1_0.xsd</a>

**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 –or- No previous version within OMA

### A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions: OMA-ERELED- 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_ERELED_updates_before_CONR
	22 Feb 2012	5	Updated permanent document references for Presence TS and XSD documents.
Candidate Version: OMA-ERELED- 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_1_0_ERP_and_ETR_for_Candidate_Approval