



# Enabler Release Definition for OneAPI Profile of RESTful Network APIs

## Candidate Version 4.0 – 05 Mar 2013

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**Open Mobile Alliance**  
OMA-ERELED-REST\_NetAPI\_OneAPIProfile-V4\_0-20130305-C

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# 1. Scope

The scope of this document is limited to the Reference Release Definition of the OneAPI Profile of RESTful Network APIs (REST\_NetAPI\_OneAPIProfile) version 4.0 according to OMA Release process and the Reference Release specification baseline listed in section 5.

## 2. References

### 2.1 Normative References

- [REST\_NetAPI\_OneAPI] OneAPI Profile of RESTful Network APIs”, Open Mobile Alliance™, OMA-TS-REST\_NetAPI\_OneAPIProfile-V4\_0, URL: <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>
- [SCR RULES] “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 sections 8 and 9 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCR RULES].

### 3.2 Definitions

For the purpose of this ERELD, all definitions from the OMA Dictionary [OMADICT] apply.

**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>ACR</b>	Anonymous Customer Reference
<b>API</b>	Application Programming Interface
<b>ERDEF</b>	Enabler Requirement DEFINition
<b>ERE LD</b>	Enabler RELEASE Definition
<b>OneAPI</b>	Open network enabler API
<b>OMA</b>	Open Mobile Alliance
<b>OMNA</b>	Open Mobile Naming Authority
<b>REST</b>	REpresentational State Transfer
<b>TS</b>	Technical Specification
<b>XML</b>	eXtensible Markup Language

## 4. Release Version Overview

The scope of this reference release is to specify the OneAPI Profile of RESTful Network APIs.

### 4.1 Version 4.0 Functionality

The OneAPI Profile of RESTful Network APIs V4.0 is a re-issue of the OneAPI Profile of RESTful Network APIs V 3.0. Mainly bugfixes but also some functional changes have been applied as per RESTful Network API for Customer Profile and RESTful Network API for Anonymous Customer Reference Management functionality.

Version 4.0 of the OneAPI Profile of RESTful Network APIs defines subsets of the following APIs:

- RESTful Network API for Anonymous Customer Reference Management
- RESTful Network API for Audio Call
- RESTful Network API for Call Notification
- RESTful Network API for Customer Profile
- RESTful Network API for Device Capabilities
- RESTful Network API for Terminal Location
- RESTful Network API for Messaging
- RESTful Network API for Payment
- RESTful Network API for Short Messaging
- RESTful Network API for Terminal Status
- RESTful Network API for Third Party Call

## 5. Document Listing for the OneAPI Profile of RESTful Network APIs

This section is normative.

Doc Ref	Permanent Document Reference	Description
<b>Technical Specifications</b>		
[REST_NetAPI_OneAPI]	OMA-TS-REST_NetAPI_OneAPIProfile-V4_0-20130305-C	OneAPI Profile of RESTful Network APIs

**Table 1: Listing of Documents in the OneAPI Profile of RESTful Network APIs V4.0 Enabler Release**



## 6. OMNA Considerations

This release does not have any OMNA items for handling.

## 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 OneAPI Profile of RESTful Network APIs - Client Requirements

None specified.

## 9. ERDEF for OneAPI Profile of RESTful Network APIs - Server Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-ONEAPI-S-001-O	Short Messaging Profile [REST_NetAPI_OneAPI]	ONEAPI-SMS-S-001-O
OMA-ERDEF-REST-ONEAPI-S-002-O	Messaging Profile [REST_NetAPI_OneAPI]	ONEAPI-MSG-S-001-O
OMA-ERDEF-REST-ONEAPI-S-003-O	TerminalLocation Profile [REST_NetAPI_OneAPI]	ONEAPI-LOC-S-001-O
OMA-ERDEF-REST-ONEAPI-S-004-O	Payment Profile [REST_NetAPI_OneAPI]	ONEAPI-PAY-S-001-O
OMA-ERDEF-REST-ONEAPI-S-005-O	TerminalStatus Profile [REST_NetAPI_OneAPI]	ONEAPI-STA-S-001-O
OMA-ERDEF-REST-ONEAPI-S-006-O	DeviceCapabilities Profile [REST_NetAPI_OneAPI]	ONEAPI-DEV-S-001-O
OMA-ERDEF-REST-ONEAPI-S-007-O	CallControl Profile [REST_NetAPI_OneAPI]	ONEAPI-CALL-S-001-O
OMA-ERDEF-REST-ONEAPI-S-008-O	ACR Profile [REST_NetAPI_OneAPI]	ONEAPI-ACR-S-001-O
OMA-ERDEF-REST-ONEAPI-S-009-O	CustomerProfile Profile [REST_NetAPI_OneAPI]	ONEAPI-CustomerProfile-S-001-O

**Table 2: ERDEF for OneAPI Profile of RESTful Network APIs - Server-side Requirements**

## 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 4.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-EREELD- REST_NetAPI_OneAPIProfile- V4_0	07 Aug 2012	All	Initial version of the document as per OMA-ARC-OneAPIProfileV4-2012-0004-INP_baselineEREELD
	28 Nov 2012	5	Updated Permanent Document References Editorial changes
	06 Feb 2013	All	Updated Permanent Document References Editorial changes and OMA-ARC-OneAPIProfileV4-2013-0003
	20 Feb 2013	All	Updated Permanent Document References Editorial changes
Candidate Version OMA-EREELD- REST_NetAPI_OneAPIProfile- V4_0	05 Mar 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0074- INP_REST_NetAPI_OneAPIProfile_V4.0_ERP_and_ETR_for_Candidate_appr oval