



# Enabler Release Definition for RESTful Network API for Anonymous Customer Reference Management

Candidate Version 1.0 – 03 Dec 2014

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**Open Mobile Alliance**  
OMA-ERELED-REST\_NetAPI\_ACR-V1\_0-20141203-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 Anonymous Customer Reference Management 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\_9, [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>ERELED</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 Anonymous Customer Reference Management 1.0 using an HTTP protocol binding.

### 4.1 Version 1.0 Functionality

The RESTful Network API for Anonymous Customer Reference Management 1.0 defines REST protocol bindings.

## 5. Document Listing for RESTful Network API for Anonymous Customer Reference Management

This section is normative. As the RESTful Network API for Anonymous Customer Reference Management 1.0 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>Requirements Document</b>		
[REST_NetAPI_ACR_RD]	OMA-RD-REST_NetAPI_ACR-V1_0-20130305-C	Requirement Document for RESTful Network API for Anonymous Customer Reference Management
<b>Technical Specification</b>		
[REST_NetAPI_ACR_TS]	OMA-TS-REST_NetAPI_ACR-V1_0-20141203-C	Technical Specification for RESTful Network API for Anonymous Customer Reference Management
<b>Supporting File</b>		
[SUP-XSD_rest_acrm]	OMA-SUP-XSD_rest_netapi_acrmanagement-V1_0-20130305-C	XML schema for the RESTful Network API for Anonymous Customer Reference Management Working file in Schema directory: file: rest_netapi_acrmanagement-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 Anonymous Customer Reference Management V1.0 Enabler**



## 6. OMNA Considerations

### 6.1 Namespaces

The RESTful Network API for Anonymous Customer Reference Management 1.0 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
ACR Management	urn:oma:xml:rest:netapi:acrmanagement:1	<a href="http://www.openmobilealliance.org/tech/profiles/rest_netapi_acrmanagement-v1_0.xsd">http://www.openmobilealliance.org/tech/profiles/rest_netapi_acrmanagement-v1_0.xsd</a>

Table 2: OMNA Namespaces

### 6.2 Publication of [REST\_NetAPI\_ACR\_TS]

OMNA has registered the definition of the acr URI scheme defined in Annex H of [REST\_NetAPI\_ACR\_TS] with IANA. The IANA registry requires a pointer to the latest revision of [REST\_NetAPI\_ACR\_TS]. That pointer needs to be stable, i.e. when OMA revises the document, there should be no need to update that link in the IANA registry. Due restrictions of the current standard publication process, publication of the [REST\_NetAPI\_ACR\_TS] in an additional location will be used to provide such a stable link for the IANA registry to refer to the latest TS for this Enabler, [REST\_NetAPI\_ACR\_TS]. The name of the document referred by the IANA pointer is: OMA-TS-REST\_NetAPI\_ACR-V1\_0. The document file name does not contain date or document status.

#### 6.2.1 Actions required on publication

In addition to the standard publication process, the document [REST\_NetAPI\_ACR\_TS] has to be copied into the “Documents for External Reference” directory, and date and status have to be removed from the filename, such that it can be referenced externally as [http://www.openmobilealliance.org/tech/extref/OMA-TS-REST\\_NetAPI\\_ACR-V1\\_0.zip](http://www.openmobilealliance.org/tech/extref/OMA-TS-REST_NetAPI_ACR-V1_0.zip)

## 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\_ACR

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-ACRMGNT-S-001-M	RESTful Network API for Anonymous Customer Reference Management 1.0 [REST_NetAPI_ACR]	REST-ACRMGNT-SUPPORT-S-001-M

**Table 3: ERDEF for the RESTful Network API for Anonymous Customer Reference Management 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-ERELED- REST_NetAPI_ACR-V1_0	07 Aug 2012	All	Initial draft baseline document.
	28 Nov 2012	5	Updated Permanent Document References Editorial changes
	08 Feb 2013	Many	Updated as per CR OMA-ARC-REST-ACR-2013-0010- CR_fixing_ERELED_based_on_CONRR
	18 Feb 2013	5	Incorporated: OMA-ARC-REST-ACR-2013-0013-CR_ERELED_fix
	21 Feb 2013	5	Updated Permanent Document References
	26 Feb 2013	5	Updated Permanent Document References
Candidate Version OMA-ERELED- REST_NetAPI_ACR-V1_0	05 Mar 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0072- INP_REST_NetAPI_ACR_V1.0_ERP_and_ETR_for_Candidate_approval
Draft Version OMA-ERELED- REST_NetAPI_ACR-V1_0	24 Jun 2013	5	Updated Permanent Document Reference
Candidate Version OMA-ERELED- REST_NetAPI_ACR-V1_0	25 Jun 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0209- INP_REST_NetAPI_ACR_V1_0_ERP_for_Notification
Draft Versions OMA-ERELED- REST_NetAPI_ACR-V1_0	24 Nov 2014	5	Editorial update of permanent document references in section 5
	03 Dec 2014	6	Incorporated CR: OMA-ARC-REST-NetAPI-2014-0089-CR_IANA_Reference_ERELED_ACR_
Candidate Version OMA-ERELED- REST_NetAPI_ACR-V1_0	03 Dec 2014	All	Status changed to Candidate by TP TP Ref # OMA-TP-2014-0270R01- INP_REST_NetAPI_ACR_V1_0_ERP_for_Notification