



Enabler Release Definition for
RCS-e Profile of RESTful Network APIs
Candidate Version 1.0 – 05 Mar 2013

Open Mobile Alliance
OMA-ERELED-REST_NetAPI_RCSeProfile-V1_0-20130305-C

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1. Scope

The scope of this document is limited to the Reference Release Definition of the RCS-e Profile of RESTful Network APIs version 1.0 according to OMA Release process and the Reference Release specification baseline listed in section 5.

2. References

2.1 Normative References

- [REST_NetAPI_RCSe] RCS-e Profile of RESTful Network APIs”, Open Mobile Alliance™, OMA-TS-REST_NetAPI_RCSeProfile-V1_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 [SCRRULES].

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

API	Application Programming Interface
ERDEF	Enabler Requirement DEFinition
ERELD	Enabler RELEASE Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
RCS	Rich Communication Suite
REST	REpresentational State Transfer
TS	Technical Specification
XML	eXtensible Markup Language

4. Release Version Overview

The scope of this reference release is to specify the RCS-e Profile of RESTful Network APIs.

4.1 Version 1.0 Functionality

Version 1.0 of the RCS-e Profile of RESTful Network APIs defines subsets of the following APIs:

- RESTful Network API for Notification Channel V 1.0
- RESTful Network API for Chat V 1.0
- RESTful Network API for File Transfer V 1.0
- RESTful Network API for Third Party Call V 1.0
- RESTful Network API for Call Notification V 1.0
- RESTful Network API for Video Share V 1.0
- RESTful Network API for Image Share V 1.0
- RESTful Network API for Anonymous Customer Reference Management V1.0
- RESTful Network API for Capability Discovery V1.0

5. Document Listing for the RCS-e Profile of RESTful Network APIs

This section is normative.

Doc Ref	Permanent Document Reference	Description
Technical Specifications		
[REST_NetAPI_RCSe]	OMA-TS-REST_NetAPI_RCSeProfile-V1_0-20130305-C	RCS-e Profile of RESTful Network APIs

Table 1: Listing of Documents in the RCS-e Profile of RESTful Network APIs V1.0 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 RCS-e Profile of RESTful Network APIs - Client Requirements

None specified.

9. ERDEF for RCS-e Profile of RESTful Network APIs - Server Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-RCSe-S-001-O	Image Share Profile [REST_NetAPI_RCSe]	RCSe-IMAGESHARE-S-001-O
OMA-ERDEF-REST- RCSe-S-002-O	Call Notification Profile [REST_NetAPI_RCSe]	RCSe-CALLNOTIF-S-001-O
OMA-ERDEF-REST- RCSe-S-003-O	Capability Discovery Profile [REST_NetAPI_RCSe]	RCSe-CAPDIS-S-001-O
OMA-ERDEF-REST- RCSe-S-004-O	Video Share Profile [REST_NetAPI_RCSe]	RCSe-VIDEOSHARE-S-001-O
OMA-ERDEF-REST-RCSe-S-005-O	File Transfer Profile [REST_NetAPI_RCSe]	RCSe-FILETRANSFER-S-001-O
OMA-ERDEF-REST-RCSe-S-006-O	Anonymous Customer Reference Management Profile [REST_NetAPI_RCSe]	RCSe-ACRM-S-001-O
OMA-ERDEF-REST-RCSe-S-007-O	Chat Profile [REST_NetAPI_RCSe]	RCSe-CHAT-S-001-O
OMA-ERDEF-REST-RCSe-S-008-O	ThirdParty Call Profile [REST_NetAPI_RCSe]	RCSe-3PC-S-001-O
OMA-ERDEF-REST-RCSe-S-009-O	Notification Channel Profile [REST_NetAPI_RCSe]	RCSe-NOTIFCHNL-S-001-O

Table 2: ERDEF for RCS-e 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 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-EREELD- REST_NetAPI_RCSeProfile-V1_0	07 Aug 2012	All	Initial version of the document as per OMA-ARC-RCSe-Profile-2012-0003- INP_Baseline_EREELD
	28 Nov 2012	5	Updated Permanent Document References Editorial changes
	20 Feb 2013	5	Updated Permanent Document References Editorial changes
Candidate Version OMA-EREELD- REST_NetAPI_RCSeProfile-V1_0	05 Mar 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0075- INP_REST_NetAPI_RCSeProfile_V1.0_ERP_and_ETR_for_Candidate_approval