



Enabler Release Definition for
RESTful Network API for Terminal Status
Candidate Version 1.0 – 08 Oct 2013

Open Mobile Alliance
OMA-ERELED-REST_NetAPI_TerminalStatus-V1_0-20131008-C

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1. Scope

The scope of this document is limited to the Enabler Release Definition (ERELD) of the RESTful Network API for Terminal Status (REST_NetAPI_TerminalStatus) 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_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

API	Application Programming Interface
ERDEF	Enabler Requirement Definition
ERELED	Enabler Release Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
REST	REpresentational State Transfer
XML	Extensible Markup Language

4. Release Version Overview

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

4.1 Version 1.0 Functionality

The RESTful Network API for Terminal Status defines REST protocol bindings.

5. Document Listing for RESTful Network API for Terminal Status

This section is normative. As the RESTful Network API for Terminal Status 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 Specifications		
[REST_NetAPI_TerminalStatus]	OMA-TS-REST_NetAPI_TerminalStatus-V1_0-20131008-C	RESTful Network API for Terminal Status
Supporting Files		
[SUP-XSD_rest_netapi_terminalstatus]	OMA-SUP-XSD_rest_netapi_terminalstatus-V1_0-20131008-C	XML schema for the RESTful Network API for Terminal Status Working file in Schema directory: file: rest_netapi_terminalstatus-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/

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

6. OMNA Considerations

The REST_NetAPI_TerminalStatus 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
TerminalStatus	urn:oma:xml:rest:netapi:terminalstatus:1	http://www.openmobilealliance.org/tech/profiles/rest_netapi_terminalstatus-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_TerminalStatus

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-REST-STA-S-001-M	Terminal Status RESTful Network API [REST_NetAPI_TerminalStatus]	REST-STA-SUPPORT-S-001-M

Table 3: ERDEF for the RESTful Network API for Terminal Status 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_TerminalStatus- V1_0	28 Jun 2011	All	Initial draft baseline document based on input: OMA-ARC-REST-NetAPI-2011-0069-INP_ERELED_TerminalStatus.doc
	21 Sep 2011	5	Change of document number for the referenced permanent documents
	29 Nov 2011	2	Changed according to B001 of OMA-CONRR-REST_NetAPI_TerminalStatus-V1_0-20111115-D
	15 Dec 2011	Many	Editorials, prep for submission to Candidate approval
	10 Jan 2012	5	TS Permanent Document Reference updated Editorial changes
Candidate Version OMA-ERELED- REST_NetAPI_TerminalStatus- V1_0	17 Jan 2012	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2012-0008- INP_REST_NetAPI_TerminalStatus_1_0_ERP_and_ETR_for_Candidate_Approval
Draft Version OMA-ERELED- REST_NetAPI_TerminalStatus- V1_0	08 Feb 2013	2.2, 5	Updated permanent document references for Terminal Status TS document. Reference to OMA Dictionary updated to version 2.9. Template updated.
Candidate Version OMA-ERELED- REST_NetAPI_TerminalStatus- V1_0	12 Feb 2013	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0045- INP_REST_NetAPI_TerminalStatus_V1_0_Candidate_ERP_for_Notification
Draft Version OMA-ERELED- REST_NetAPI_TerminalStatus- V1_0	28 Jun 2013	5	Updated Permanent Document Reference Editorial changes
Candidate Version OMA-ERELED- REST_NetAPI_TerminalStatus- V1_0	01 Jul 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0212- INP_REST_NetAPI_TerminalStatus_V1_0_ERP_for_Notification
Draft Versions OMA-ERELED- REST_NetAPI_TerminalStatus- V1_0	28 Aug 2013	5	Updated Permanent Document Reference
	25 Sep 2013	5	Updated Permanent Document References
Candidate Version OMA-ERELED- REST_NetAPI_TerminalStatus- V1_0	08 Oct 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0314- INP_REST_NetAPI_TerminalStatus_V1_0_ERP_for_Candidate_re_approval