



Enabler Release Definition for Small Cells Capabilities Exposure Candidate Version 1.0 – 05 Mar 2013

Open Mobile Alliance
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Contents

1. SCOPE	4
2. REFERENCES	5
2.1 NORMATIVE REFERENCES	5
2.2 INFORMATIVE REFERENCES	5
3. TERMINOLOGY AND CONVENTIONS	6
3.1 CONVENTIONS	6
3.2 DEFINITIONS	6
3.3 ABBREVIATIONS	6
4. RELEASE VERSION OVERVIEW	7
4.1 VERSION 1.0 FUNCTIONALITY	7
5. DOCUMENT LISTING FOR THE OMA SMALL CELLS NETWORK API	8
6. OMNA CONSIDERATIONS	9
7. CONFORMANCE REQUIREMENTS NOTATION DETAILS	10
8. ERDEF FOR OMA SMALL CELLS NETWORK API V1.0- CLIENT REQUIREMENTS.....	11
9. ERDEF FOR OMA SMALL CELLS NETWORK API V1.0.....	12
APPENDIX A. CHANGE HISTORY (INFORMATIVE).....	13
A.1 APPROVED VERSION HISTORY	13
A.2 DRAFT/CANDIDATE VERSION 1.0 HISTORY	13

Tables

Table 1: Listing of Documents in the OMA Small Cells Network API V1.0 Enabler Release.....	8
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1. Scope

The scope of this document is limited to the Reference Release Definition of the OMA Small Cells enabler version 1.0 according to OMA Release process and the Reference Release specification baseline listed in section 5.

2. References

2.1 Normative References

- [RD-SmaC] OMA Small Cells”, Open Mobile Alliance™, OMA-RD-SmaC-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 [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

API	Application Programming Interface
ERDEF	Enabler Requirement DEFinition
ERELD	Enabler RELEASE Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority

4. Release Version Overview

The scope of this reference release is to specify defines the requirements for OMA Small Cells Network API V1.0.

4.1 Version 1.0 Functionality

Version 1.0 of the OMA Small Cells Network API V1.0 defines the following requirements:

- Authorization
- Zonal Presence
- Location Streaming
- QoS
- Expected QoS
- Call Notification
- Third Party Call Control

5. Document Listing for the OMA Small Cells Network API

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirements Document		
[RD-SmaC]	OMA-RD-SmaC-V1_0-20130305-C	OMA Small Cells Network API V1.0 Enabler Release

Table 1: Listing of Documents in the OMA Small Cells Network API 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 OMA Small Cells Network API V1.0- Client Requirements

None specified.

9. ERDEF for OMA Small Cells Network API V1.0

None specified.

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 Version OMA-ERELED-SmaC-V1_0	30 Jan 2013	All	Initial version of the
Candidate Version OMA-ERELED-SmaC-V1_0	05 Mar 2013	All	Status changed to Candidate by TP TP Ref # OMA-TP-2013-0077-INP_SmaC_V1.0_ERP_for_Candidate_approval