



Enabler Release Definition for Converged Address Book (CAB)

Candidate Version 1.0 – 19 Oct 2010

Open Mobile Alliance
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Contents

- 1. SCOPE4
- 2. REFERENCES5
 - 2.1 NORMATIVE REFERENCES.....5
- 3. TERMINOLOGY AND CONVENTIONS6
 - 3.1 CONVENTIONS6
 - 3.2 DEFINITIONS.....6
 - 3.3 ABBREVIATIONS6
- 4. RELEASE VERSION OVERVIEW7
- 5. DOCUMENT LISTING FOR CAB ENABLER8
- 6. CONFORMANCE REQUIREMENTS NOTATION DETAILS9
- 7. ERDEF FOR CAB – CLIENT REQUIREMENTS10
- 8. ERDEF FOR CAB – SERVER REQUIREMENTS11
- APPENDIX A. CHANGE HISTORY (INFORMATIVE).....12
 - A.1 APPROVED VERSION HISTORY12
 - A.2 CANDIDATE VERSION 1.0 HISTORY12

Tables

- Table 1: Listing of Documents in CAB Enabler8
- Table 2: ERDEF for CAB Client-side Requirements10
- Table 3: ERDEF for CAB Server-side Requirements11

1. Scope

The scope of this document is limited to the Enabler Release Definition of the Converged Address Book (CAB) Version 1.0 Enabler according to OMA Release process and the Enabler Release specification baseline listed in section 5.

2. References

2.1 Normative References

- [CAB_RD] “Converged Address Book Requirements”, Version 1.0, Open Mobile Alliance™, OMA-RD-CAB-V1_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [OMA_DM_TND] “OMA Device Management Tree and Description”, Version 1.2, Open Mobile Alliance™, OMA-TS-DM-TND-V1_2, URL: <http://www.openmobilealliance.org/>
- [OMA_XDM_AD] “XML Document Management Architecture”, Version 2.1, Open Mobile Alliance™, OMA-AD-XDM-V2_1, [URL:http://www.openmobilealliance.org/](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](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/)

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 7 and 8 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCR RULES].

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.
Management Object	See [OMA DM TND]
Personal Contact Card	See [CAB RD]
XML Document Management Server	See [OMA XDM AD]

3.3 Abbreviations

CAB	Converged Address Book
CPM	Converged IP Messaging
ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
MCF	Mandatory Client Features
MO	Management Object
MSF	Mandatory Server Features
OMA	Open Mobile Alliance
PCC	Personal Contact Card
XDMS	XML Document Management Server

4. Release Version Overview

This document defines the components that constitute the Converged Address Book (CAB) Version 1.0 Enabler.

The CAB is an evolution of the address book is expected to serve as a launch pad for similarly evolving services dependent upon contact information. In addition to traditional telecommunication features, the CAB will support new services on all-IP based networks featuring many innovative and flexible activities such as those which are emerging to facilitate peer-to-peer and community communications. As the CAB includes features that are not local to user devices, such as network storage and publication and subscription support, the need for interoperable functionality has established the need for the enabler.

The CAB Enabler will include the following:

- An extensible CAB data structure ensuring that it shall be able to incorporate data fields from existing formats (e.g., vCard specifications supported in today's devices)
 - Definition and organization of information related to contacts
 - Integration of other information to contact information like status
- Features which allow access from different networks and services
- Support for a user to provide his own up-to-date contact information to others, to populate their respective address book
- Provide access and synchronization for various devices registered by the same user across IP networks.
- A framework that allows interworking with available network based address book(s) provided by (for example) messaging and email services. This framework is expected to use standard data formats.
- Provide different views of CAB content depending on the context and/or the device.
- Contact Search - the ability to search contact information from both CAB system (i.e. PCC, AB data) and available external directories.
- Contact Share - allow CAB Users to send contact data to other users.
- Import non-CAB data - allow CAB Users to import contact information from non-CAB address book systems.

5. Document Listing for CAB Enabler

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[CAB_RD]	OMA-RD-CAB-V1_0-20101019-C	Requirement Document for CAB Enabler
Architecture Document		
[CAB_AD]	OMA-AD-CAB-V1_0-20101019-C	Architecture Document for CAB Enabler
Technical Specifications		
[CAB Core TS]	OMA-TS-CAB-V1_0-20101019-C	Specification that describes the CAB components behavior and interactions.
[CAB XDMS TS]	OMA-TS-CAB_XDMS-V1_0-20101019-C	Specification that describes the CAB Application Usages.
[CAB MO TS]	OMA-TS-CAB_MO-V1_0-20101019-C	Specification that describes the CAB Management Object for CAB Client configuration.
Supporting Files		
[XSD_cab_user_preferences]	OMA-SUP-XSD_cab_user_preferences-V1_0-20101019-C	XML Schema definitions for the CAB User Preferences Working file in XML Schema directory: file: cab_user_preferences-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles
[XSD_cab_search_external_directories]	OMA-SUP-XSD_cab_search_external_directories-V1_0-20101019-C	XML Schema definitions for the CAB Search Document extension for External Directories Working file in XML Schema directory: file: cab_search_external_directories-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles
[XSD_cab_feature_handler]	OMA-SUP-XSD_cab_feature_handler-V1_0-20101019-C	XML Schema definitions for the CAB Feature Handler document Working file in XML Schema directory: file: cab_feature_handler-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles
[XSD_cab_address_book]	OMA-SUP-XSD_cab_address_book-V1_0-20101019-C	XML Schema definitions for the CAB Address Book document Working file in XML Schema directory: file: cab_address-book-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles
[XSD_cab_pcc]	OMA-SUP-XSD_cab_pcc-V1_0-20101019-C	XML Schema definitions for the CAB Personal Contact Card document Working file in XML Schema directory: file: cab_pcc-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles
[CAB MO DDF]	OMA-SUP-MO_oma_cab-V1_0-20101019-C	DDF Document for CAB MO Working file in OMNA MO directory: file: oma_cab-v1_0.ddf path: http://www.openmobilealliance.org/tech/omna/

Table 1: Listing of Documents in CAB 1.0 Enabler

6. 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.

7. ERDEF for CAB – Client Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-CAB-C-001-M	DS and XCAP protocols, CAB-specific XCAP application usages,	[CAB Core TS]: MCF AND [CAB XDMS TS]: MCF

Table 2: ERDEF for CAB Client-side Requirements

8. ERDEF for CAB – Server Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-CAB-S-001-M	DS and XCAP protocols, CAB-specific XCAP application usages,	[CAB Core TS]: MSF AND [CAB XDMS TS]: MSF

Table 3: ERDEF for CAB Server-side Requirements

Appendix A. Change History

(Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version –or- No previous version within OMA

A.2 Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ERELED-CAB-V1_0	19 Mar 2008	all	Initial Draft version
Candidate Version OMA-ERELED-CAB-V1_0	26 Aug 2008	n/a	Status changed to Candidate by TP: TP ref# OMA-TP-2008-0296-INP_CAB_V1_0_RD_for_Candidate_Approval
Draft Versions OMA-ERELED-CAB-V1_0	03 Dec 2008	5	Section 5 updated prior to TP Notification
Candidate Version OMA-ERELED-CAB-V1_0	17 Dec 2008	n/a	Status changed to Candidate by TP TP ref# OMA-TP-2008-0503-INP_CAB_V1.0_RD_for_Notification
Draft Versions OMA-ERELED-CAB-V1_0	18 Feb 2009	All	Section 5 updated prior to TP Notification
	25 Feb 2009	5	Section 5 updated with ref to AD
	27 Aug 2009	5	Updated Document Listing
Candidate Version OMA-ERELED-CAB-V1_0	22 Sep 2009	All	Updated Document Listing Status changed to Candidate by TP: TP Ref# OMA-TP-2009-0405-INP_CAB_V1_0_AD_for_Candidate_approval
Draft Versions OMA-ERELED-CAB-V1_0	09 Mar 2010	All	Editorial update: 2010 template Updated Document Listing in preparation of the CONR
	09 Sep 2010	All	Implemented Agreed CR: OMA-COM-CAB-2010-0229R01- CR_CONR_Resolution_ERELED_M001_to_M008 Updated Document Listing
	17 Sep 2010	5	Section 5 updated prior to closing CONR
	21 Sep 2010	5	Section 5 updated
Candidate Version OMA-ERELED-CAB-V1_0	19 Oct 2010	All	Status changed to Candidate by TP: OMA-TP-2010-0431-INP_CAB_V1_0_ERP_for_Candidate_Approval