

# **Converged Address Book Requirements**

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# 1. Scope

# (Informative)

This document defines the requirements for the Converged Address Book (CAB) Enabler V1.0 and deferred requirements that can be used as base for CAB Enabler V2.0.

## 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

## 2.2 Informative References

[CPM]) OMA Converged IP Messaging , Version 1.0, Open Mobile Alliance™, <u>URL:http://www.openmobilealliance.org</u>

[OMADICT] "Dictionary for OMA Specifications", Version 2.6, Open Mobile Alliance<sup>TM</sup>,

OMA-ORG-Dictionary-V2\_6, <u>URL:http://www.openmobilealliance.org/</u>

[Presence] OMA SIMPLE Presence Services, Version 1.1, Open Mobile Alliance<sup>TM</sup>, <u>URL:http://www.openmobilealliance.org</u>

# 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" and "Introduction", are normative, unless they are explicitly indicated to be informative.

#### 3.2 Definitions

**Authorized Principal** See [OMADICT]

**CAB User** A user of a service that conforms to the CAB Enabler.

**Contact Entry**The information (e.g. name, address, presence subscription information, display name) associated with a

contact.

Contact Share The action to provide contact information from the Converged Address Book or the own Personal Contact

Card to other users, without it being the result of a Contact Subscription.

Contact Subscription Means by which a CAB User can request to receive automatic updates of another 'CAB User's' available

Personal Contact Card information.

**Contact View** A named subset of the Personal Contact Card of the CAB User to be made available to other users.

Converged Address A set of Contact Entries, stored by a CAB User, and commonly available to any of the CAB User's

**Book** registered clients.

**Legacy Formats** Existing standard data formats that are widely used in the industry to store and exchange contact

information. Examples include vCard and hCard.

Personal Contact Card The collection of personal contact information that a CAB User defines about him/herself.

**Privacy Preferences** See RFC4745, "Common Policy: A Document Format for Expressing Privacy Preferences", H.

Schulzrinne, February 2007, URL:http://www.ietf.org/rfc/rfc4745.txt.

Published Contact Card A subset of a Personal Contact Card, as defined by Contact Views, that is made available to other CAB

users (via a Contact Subscription) in the CAB environment.

Service See [OMADICT]

### 3.3 Abbreviations

CAB Converged Address Book
CPM Converged IP Messaging
ISP Internet Service Provider
MMS Multimedia Message Service

OMA Open Mobile Alliance
PC Personal Computer

**PDA** Personal Digital Assistant (electronic handheld information device)

SMS Short Message Service

### 4. Introduction

## (Informative)

As telecommunications are evolving towards all-IP based networks, many innovative and flexible services emerge to facilitate peer-to-peer and community communications, most using an address book as a launch pad for these services. Users are dealing with many address books (such as device-resident, SIM-resident, service-dependent and ISP-offered) that cause difficult and inconsistent user experiences. In order to support the new communication paradigms and improve the user experience a single address book environment is required.

The Converged Address Book (CAB) Enabler provides consistent mechanisms to manage contact information in both user facing applications as well as in support of network facing activities. At the core of this enabler is a network-based contact repository which a user can use to store contact information which can be retrieved by any CAB-enabled device. The network-based repository is also able to provide specific contact information to other users and to keep them up-to-date whenever the data is updated.

The CAB Enabler is expected to provide synchronization of the contact information available in the user device(s) with the network-based contact repository. It is possible that the limits of storage available on some devices is such that it can not store the whole set of information and it may need to limit either the total number of records or the number of attributes retained per record. The ability to support such limits shows the flexibility CAB Enabler is expected to provide in letting a user manage the contact information collected on the device(s).

The CAB Enabler is also managing the distribution of user's own contact information. In essence, a user fills out a Personal Contact Card which includes all the information a user wishes to store about him or herself. Using Contact Views, defined by either the CAB User or the service provider, the CAB is able to provide different subsets of this information to other users requesting such contact information. Through a Publish/Subscribe paradigm, such information can be provided to other users and when there is any effective change, those other users will be able to receive the updated data. An example of Contact Views usage within the Personal Contact Card is presented in Figure 1.

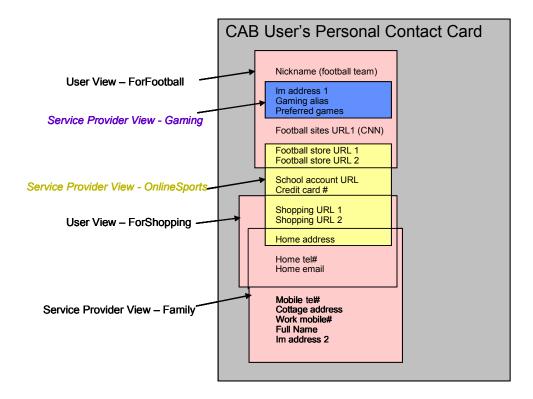


Figure 1: Example of Contact Views in the CAB User's Personal Contact Card

Since systems that are supporting the CAB Enabler are likely supporting multiple users, the CAB Enabler also defines a search paradigm which permits other users to query such a system to locate information about the available users. The information a user wishes to provide in response to such searches can be limited by using a specific Contact View which has a limited set of attributes or they can opt out entirely and not permit their data to be made available to a general search operation.

As the CAB Enabler is expected to support many different types of information it is expected to require a data model that is flexible and extensible. It will be expected to accommodate the traditional types of contact information (e.g. name, address, email, phone number, mobile number, etc.) as well as new types of information (e.g. websites, blogs, presence subscription references, etc.). Such a data model should not preclude support for existing or legacy data formats (e.g. vCard) as a means to exchange data with users not yet served by CAB. Several forms of data availability is being called for with data being shared with other users as well as with data being formatted in a legacy format and usable in a variety of non-CAB-specific exchange activities.

The CAB Enabler, being defined in support of mobile applications, is expected to be designed and developed with efficiency of resources and protection of user privacy as major considerations. In addition, service provider operational needs and user preferences are general principles which should be applied across the enabler whether specifically called out in individual requirements or not.

The environment that the CAB Enabler establishes is expected to be used to enrich the user's experience by the effective use of the data that it makes available to other applications and services. For example, much of the information for a contact will be used to enhance the user's communication experience. This could be by either permitting easy establishment of a communication action or by permitting subscription to presence or capability information. In general, the use of the contact information is out-of-scope of the CAB Enabler and it is up to the other applications and services to perform any needed actions.

Similarly, certain implementation aspects of the CAB Enabler are not covered in these requirements. In particular, support for multiple, concurrent CAB subscriptions in support of different service domains (e.g. personal, corporate) is a possible service model. Whether it is implemented as unified or independent address book(s) is not specifically covered by the CAB Enabler as it is expected that various approaches could be deployed based upon the tools that the CAB Enabler does provide.

The CAB Enabler will re-use as appropriate (e.g. through reference) relevant parts of the associated supporting specifications from OMA, 3GPP, 3GPP2, IETF, TISPAN, etc.

### 4.1 Version 1.0

Version 1.0 of the CAB Enabler is expected to provide basic support for the network repository of contact information which will anchor the release features. The user device will be able to synchronize with this data.

The CAB enabled device, on behalf of the user, will be able to manage the Personal Contact Card and Contact View data objects which will be stored on the network component and permit it to support the publish and search operations. The CAB User can invite other CAB Users to subscribe to the updates of CAB User's Personal Contact Card.

For network-side operations, the subscription activity will be supported which will provide data exchange of the contact information and notifications of change.

The Legacy Formats supported in CAB V1.0 are vCard 2.1 and vCard 3.0.

CAB Enabler will also support simple mapping of attributes to Legacy Format to permit exchange of data to non-CAB users.

CAB 1.0 will support import operations by providing the necessary CAB User's data, but it does not define any interface for the interaction with external non-CAB systems for import.

#### 4.2 Future Version

The following CAB features are envisaged for CAB future version:

- mapping and conveying of the CAB contact information to Legacy Formats other than vCard (CAB-HLF-011, CAB-IWG-004).
- prevention of unauthorized access to a CAB User's related information stored on their reported stolen or lost mobile device (CAB-AUT-001).
- definition of a set of charging events usable in various business models (CAB-CHRG-001).
- A mechanism for addition of search results into a CAB User's network address book (CAB-SRCH-005).
- establishing disposition rules for the handling of Contact Shared information (CAB-SHR-005).
- mechanism to allow a CAB User to invite other CAB Users to subscribe to his/her PCC (CAB-SUBS-002)
- Retrieval of previously removed contact information from the device (CAB-HLF-015).

# 5. Requirements

# (Normative)

# 5.1 High-Level Functional Requirements

Label	Description	Enabler Release
CAB-HLF-001	The CAB Enabler SHALL provide a network based address book for the CAB User.	CAB V1.0
CAB-HLF-002	The CAB Enabler SHALL define Contact Entry and Personal Contact Card which include contact information such as:  • Full name (e.g. title, first, middle, last and suffix)	CAB V1.0
	<ul> <li>Display name: An optional descriptive name suggested by the user to identify him/herself (e.g. nickname)</li> </ul>	
	<ul> <li>Addressing identifiers (e.g. CPM Address [CPM], instant messaging address, email address, phone number, SIP address, presence subscription address, gaming user identifier)</li> </ul>	
	Basic personal data (e.g. birth date, description, gender, height, home address)	
	• Extended personal data (e.g. areas of expertise, avatars data, hobbies, interests, photo or video data, title)	
	Web resources (e.g. homepage URL, weblog URL, publications URL)	
	<ul> <li>Organisational data (e.g. business category, department name, job title, alternative contact or agent)</li> </ul>	
CAB-HLF-003	The CAB Enabler SHALL support list resources (i.e. list URI) in the Converged Address Book.	CAB V1.0
CAB-HLF-004	The CAB Enabler SHALL allow the CAB User to manage (e.g. add/change/delete) Contact Entries in his/her Converged Address Book.	CAB V1.0
CAB-HLF-005	The CAB Enabler SHALL, according to the CAB User's preferences and/or service provider's policy, be able to either automatically or by request keep up-to-date all information of the address books of all the CAB-enabled registered devices of a CAB User.	CAB V1.0
CAB-HLF-006	The CAB Enabler SHALL support named lists of Contact Entries which can be accessed and managed (i.e. create/update/delete) by Authorized Principals.	CAB V1.0
CAB-HLF-007	The CAB Enabler SHALL permit a Contact Entry to appear in any number of named lists.	CAB V1.0
CAB-HLF-008	The CAB Enabler SHALL support a mechanism for the CAB User to manage access and modification rights to all or a subset of the contact information stored in his/her Converged Address Book and/or Personal Contact Card to an Authorized Principal.	CAB V1.0
CAB-HLF-009	The CAB MAY support one address book per CPM Address of the CPM User	DELETED
CAB-HLF-010	The CAB Enabler SHALL be able to receive contact information in vCard format.	CAB V1.0
CAB-HLF-011	The CAB Enabler MAY be able to receive contact information in Legacy Formats other than vCard based on user settings.	Future Version
CAB-HLF-012	The CAB Enabler SHALL be able to notify a CAB User (e.g. User A) when another CAB User (e.g. User B) added him/her (A) to his/her (B) contacts, based on CAB User preferences (A and B) and service provider policy.	Future Version

CAB-HLF-012a	The CAB Enabler SHALL provide a Network-to-Network notification when CAB User B adds another CAB User A into his/her Address Book (i.e. of CAB User B). Such notification is in accordance with CAB User Preferences and Service Provider policies.	CAB V 1.0
CAB-HLF-013	The CAB Enabler SHALL be able to notify a CAB User (e.g. User A) when one of his/her contacts becomes a CAB User (e.g. User B), based on CAB User preferences (Users A and B) and service provider policy.	CAB V 1.0
CAB-HLF-014	The CAB Enabler SHALL allow a CAB User to manage (e.g. modify, delete, access, keep up to date) a local subset of the Converged Address Book (which is resident in the network) on a registered device.	Future Version
CAB-HLF-015	The CAB Enabler SHALL allow a CAB User to retrieve from the network contact information that was previously removed from the device.	Future Version
CAB-HLF-016	The CAB Enabler SHALL be able to provide a CAB User with the CAB status information (e.g. CAB or legacy contact, pending authorisation, corresponding CAB provider, source of contact data,) of each of his/her contacts, based on contact's preference and service provider policy.	CAB V1.0
CAB-HLF-017	The CAB Enabler SHALL expose to other Enablers (e.g. Messaging enabler, CPM Enabler) an interface to obtain CAB information related to CAB User's contacts, subject to user authorization and/or service provider policies.	CAB V1.0

**Table 1: High-Level Functional Requirements** 

## 5.1.1 Security

Label	Description	Enabler Release
CAB-SEC-001	The CAB Enabler SHALL use a secure environment for use in the exchange of data between the user device and the network elements of the CAB system.	CAB V1.0
CAB-SEC-002	The CAB Enabler SHALL use a secure environment for use in exchange of data between CAB systems (e.g. between service providers).	CAB V1.0

Table 2: High-Level Functional Requirements - Security Items

#### 5.1.1.1 Authentication

Label	Description	Enabler Release
CAB-AUC-001	The CAB Enabler SHALL support a Principal to be authenticated by the CAB service provider domain.	CAB V1.0
CAB-AUC-002	The CAB Enabler SHALL support a Principal to authenticate the CAB service provider domain.	CAB V1.0
CAB-AUC-003	The CAB Enabler MAY leverage the authentication capabilities of the underlying IP network to authenticate a Principal.	CAB V1.0
CAB-AUC-004	The CAB Enabler MAY leverage the authentication capabilities of the underlying IP network to allow a Principal to authenticate the service provider domain.	CAB V1.0

Table 3: High-Level Functional Requirements – Authentication Items

#### 5.1.1.2 Authorization

Label	Description	Enabler Release
CAB-AUT-001	The CAB Enabler SHALL support a means to prevent unauthorized access to a CAB User's related information stored on his/her reported stolen or lost mobile device.	Future Version
CAB-AUT-002	The CAB Enabler SHALL prevent unauthorized access to CAB User's related information stored in the network.	CAB V1.0
CAB-AUT-003	The CAB Enabler SHALL allow the CAB User to manage authorisation rules that allow others to obtain information from the Published Contact Card (e.g. to satisfy Contact Subscriptions, contact searches).	CAB V1.0
CAB-AUT-004	The CAB Enabler SHALL allow the CAB User to manage default authorization rule to be applied to any users that are not explicitly identified within the authorization rules.	CAB V1.0

Table 4: High-Level Functional Requirements – Authorization Items

#### 5.1.1.3 Data Integrity

Label	Description	Enabler Release
CAB-INT-001	The CAB Enabler SHALL ensure data integrity of the CAB data within the CAB environment.	CAB V1.0

Table 5: High-Level Functional Requirements - Data Integrity Items

## 5.1.2 Charging

Label	Description	Enabler Release
CAB-CHRG-001	The CAB Enabler MAY define a set of charging events usable in various business models.	Future Version

Table 6: High-Level Functional Requirements - Charging Items

## **5.1.3** Administration and Configuration

Label	Description	Enabler Release
CAB-CFG-001	The CAB Enabler SHALL define CAB specific configuration support to permit remote configuration activities of user devices.	CAB V1.0

Table 7: High-Level Functional Requirements – Administration and Configuration Items

### 5.1.4 Interoperability

Label	Description	Enabler Release
CAB-IOT-001	The CAB Enabler SHALL support interoperation between service providers.	CAB V1.0

Table 8: High-Level Functional Requirements - Interoperability Items

## 5.1.5 Lawful Interception

NOTE: The capability to intercept CAB telecommunications traffic and related information is always implemented in accordance with national or regional (e.g. European Union) laws or technical regulations applicable to the service provider. Nothing in these requirements, including the definitions, is intended to supplant such applicable laws or regulations.

Label	Description	<b>Enabler Release</b>
CAB-LI-001	The CAB Enabler SHALL allow mechanisms to unobtrusively monitor and	CAB V1.0
	report any CAB activity associated with a CAB User when required by a	
	lawful authority.	
CAB-LI-002	The CAB Enabler SHALL support access of CAB data (Personal Contact	CAB V1.0
	Card, Contact Entries, etc.) when required by a lawful authority.	
CAB-LI-003	When supporting a lawful interception request, the CAB Enabler SHALL be	CAB V1.0
	able to provide the available CAB information regardless of the privacy	
	settings set by intercepted CAB Users on their CAB related information.	
CAB-LI-004	Available and applicable underlying network (e.g. SIP/IP Core) capabilities	CAB V1.0
	SHOULD be used to support lawful interception requirements as much as	
	possible (e.g. re-use of 3GPP/3GPP2 lawful interception in case of	
	3GPP/3GPP2 IMS and/or other national or regional technical specifications).	

Table 9: High-Level Functional Requirements - Lawful Interception Items

#### 5.1.6 Presence

Label	Description	Enabler Release
CAB-PRS-001	If Presence Information is available, the CAB Enabler SHALL be able to use	DELETED
	that information to enhance the user experience.	

**Table 10:High-Level Functional Requirements – Presence Items** 

# **5.2 Personal Contact Card Requirements**

Label	Description	Enabler Release
CAB-PCC-001	The CAB Enabler SHALL allow the CAB User to manage (e.g.	CAB V1.0
	add/change/delete) his/her Personal Contact Card information.	
CAB-PCC-002	The CAB Enabler SHALL allow a CAB User to manage (e.g. create, delete,	CAB V1.0
	modify, name) Contact Views of his/her Personal Contact Card and select the	
	fields that are associated with each Contact View.	
CAB-PCC-003	The CAB Enabler SHALL allow a CAB User to associate specific fields in	CAB V1.0
	his/her Personal Contact Card to more than one Contact View.	
CAB-PCC-004	The CAB Enabler SHALL permit a CAB User (e.g. User A) to select the	CAB V1.0
	Contact View(s) to be provided to a user (e.g. User B) requesting Personal	
	Contact Card information. If multiple Contact Views are applied, user(B)	
	shall be provided with a combined union set of fields associated with each	
	Contact View of CAB User(A), subject to user (A)'s Privacy Preferences.	
CAB-PCC-005	The CAB Enabler SHOULD allow the service provider to provide a set	CAB V1.0
	of Contact Views, each with their associated default set of fields, for use and	
	personalization by each CAB User, subject to service provider policies.	

CAB-PCC-006	The CAB Enabler SHALL produce contact information, for distribution to others, by including only fields from the Personal Contact Card that are selected in the associated Contact View with the user making the request.	CAB V1.0
CAB-PCC-007	The CAB Enabler SHALL utilize a CAB-common data format for providing Personal Contact Card information derived from a Contact View to requests generated from CAB Systems.	CAB V1.0
CAB-PCC-008	The CAB Enabler MAY provide contact information from the Personal Contact Card in a requested data format (i.e. vCard format).	CAB V1.0
CAB-PCC-009	The CAB Enabler SHOULD provide a CAB User with the possibility to set the 'Display name' field with a different value per Contact View.	CAB V1.0

**Table 11: Personal Contact Card Requirements** 

# **5.3 Contact Subscription Requirements**

Label	Description	Enabler Release
CAB-SUBS-001	The CAB Enabler SHALL support a mechanism by which other users obtain a Contact Subscription to the Published Contact Card information of a CAB User based on Service Provider policies.	CAB V1.0
CAB-SUBS-002	The CAB Enabler SHALL allow a CAB User to invite other CAB users to subscribe to his/her Published Contact Card information based on service provider's policy.	Future Version
CAB-SUBS-003	The CAB Enabler SHALL provide a means to notify a CAB User about a request for a Contact Subscription, based on user preferences and service provider policy.	CAB V1.0
CAB-SUBS-004	The CAB Enabler SHALL have the capability to generate-notifications for active Contact Subscriptions to subscribing users, associated with Published Contact Card activity when any of the following occur: the value of an attribute in the Contact View changes, an attribute is added or removed from a Contact View or the CAB User's authorisation rules changes with regards to the subscribing user (e.g. change in the Contact View).	CAB V1.0
CAB-SUBS-005	The CAB Enabler SHALL provide notification to an authorized CAB User when changes occur to Published Contact Card information for which the CAB User has a Contact Subscription, based on CAB User preferences and service provider policy.	CAB V1.0
CAB-SUBS-006	The CAB Enabler SHALL update the CAB User's address book with contact information from Contact Subscriptions, based on the CAB User preferences.	CAB V1.0
CAB-SUBS-007	The CAB Enabler SHALL be able to combine information from the Contact Subscriptions with the information that the CAB User customizes about the associated contacts.	CAB V1.0

**Table 12: Contact Subscription Requirements** 

# 5.4 Contact Search Requirements

Label	Description	Enabler Release
CAB-SRCH-001	The CAB Enabler SHALL provide a mechanism to search for information from Personal Contact Cards, subject to CAB users authorization rules and service provider policies.	CAB V1.0
CAB-SRCH-002	The CAB Enabler SHALL support searches between different service provider domains on behalf of CAB Users, subject to CAB User authorization rules and service provider policies.	CAB V1.0

CAB-SRCH-003	The CAB Enabler SHALL support searching a service provider defined network directories (company directory, white page phone book or yellow page phone book etc.) based on service provider policies.	CAB V1.0
CAB-SRCH-004	The CAB Enabler SHALL provide a predictive search mechanism to match an incomplete contact information (e.g. substring of name, word(s) of address or variations of it) provided by an end-user based on the network directories information supported by service providers, subject to CAB user specified search criteria and service provider policies (e.g. domain name to search, max number of results). If matching gives more than one result, the end-user would be provided with a list of results.	CAB V1.0
CAB-SRCH-005	The CAB Enabler SHALL support a mechanism to allow a CAB User to include the search results into his/her CAB address book	Future Version

**Table 13: Contact Search Requirements** 

# 5.5 Contact Share Requirements

Label	Description	Enabler Release
CAB-SHR-001	The CAB Enabler SHALL support a CAB User to Contact Share all or part of any Contact Entry in the CAB User's Converged Address Book, subject to the service provider policy.	CAB V1.0
CAB-SHR-002	The CAB Enabler SHALL allow the CAB User to Contact Share his/her Personal Contact Card information (either completely or partially), subject to the service provider policy.	CAB V1.0
CAB-SHR-003	The CAB Enabler SHALL be able to deliver within the CAB environment the information that is Contact Shared with other CAB Users	CAB V1.0
CAB-SHR-004	The CAB Enabler SHALL be able to Contact Share with other users via the submission of a message with the contact information attached in a Legacy Format.	CAB V1.0
CAB-SHR-005	The CAB Enabler SHALL allow a CAB User to establish disposition rules for the handling of Contact Shared information, based on service provider policy.	Future Version
CAB-SHR-006	The CAB Enabler SHALL allow a CAB User to request and receive a delivery receipt from the intended recipient for a Contact Share operation, based on service provider policy. A Contact Share is determined to be successful when it is delivered to the intended recipient CAB Client or incorporated his AB.	CAB V1.0

**Table 14: Sharing contact information Requirements** 

# 5.6 Interworking Requirements

Label	Description	Enabler Release
CAB-IWG-001	The CAB Enabler SHALL allow a CAB User to import contact information via CAB standardized data structure and file type subject to service provider policy.	CAB V1.0
CAB-IWG-002	The CAB Enabler SHALL provide an interworking framework that provides the necessary mechanisms to exchange data with 3 <sup>rd</sup> party address book systems.	NGSI 1.0
CAB-IWG-003	The CAB Enabler SHALL have the capability to convey contact information in vCard Legacy Format(s).	CAB V1.0
CAB-IWG-004	The CAB Enabler MAY have the capability to convey contact information in other than vCard Legacy Format(s).	Future Version

**Table 15: Interworking 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

<b>Document Identifier</b>	Date	Sections	Description
Draft Versions	11 Oct 2007	1, 2, 3, 5.1,	Incorporates input contribution:
OMA-RD-CAB-V1_0		6.1, 6.1.1	OMA-REQ-2007-0157R02-INP_WID0155_CAB_ProposedRD_1stDraft
	26 Nov 2007	All sections	Used new templates. Some sub-sections of section 6 changed numbers
			Incorporates the following CR:
			OMA-REQ-CAB-2007-0001R03-CR_ChangingCPM_CAB_REQsToCABreqs
			Incorporated also the changes agreed in the previous version of the above CR.
	28 Nov 2007	6	The editors misinterpreted some of the changes in CR 0001R03 about requirements HLF 11, 12, 16 and PRS-003.
	7 Jan 2008	3 & 6	Incorporated the following CRs:
			OMA-REQ-CAB-2007-0009R04-CR_Term_define_and_applied
			OMA-REQ-CAB-2007-0022R01-INP_Doc_0004R03_
	9 Jan 2008	3,5 & 6	Incorporates the following CR
			OMA-REQ-CAB-2007-0006R02-CR_RD_ContactInfo_UC_Reqs
			OMA-REQ-CAB-2007-0019R01-CR_corrections
	5 Feb 2008	3,5 & 6)	Incorporated the following CRs:
			OMA-REQ-CAB-2007-0012R2-INP_Sharing_Addree_Book.doc
			OMA-REQ-CAB-2007-0015R3-INP_ISP_Interworking.doc
			OMA-REQ-CAB-2008-0014-CR_Simplify_for_CAB_definition
	12 Feb 2008	3,5 & 6	Incorporated the following CRs
			OMA-REQ-CAB-2007-0016R01-
			CR_Use_of_CPM_Addresses_in_CAB_for_synchronization
			OMA-REQ-CAB-2007-0026R03-CR_Basic_CAB_requirements
			OMA-REQ-CAB-2008-0022R01-CR_Legacy_Formats_and_vCard
	04 Mar 2008	3 & 6	Added missing paragraph from 0012R02.
			Corrected OMA-REQ-CAB-2008-0014 implementation
			Corrected OMA-REQ-CAB-2007-0016R01 implementation
			Corrected OMA-REQ-CAB-2008-0022R01 implementation
			Incorporated the following CRs
			OMA-REQ-CAB-2008-0017R01
			OMA-REQ-CAB-2008-0031
			OMA-REQ-CAB-2008-0035R01
			OMA-REQ-CAB-2008-0043
	12 Mar 2008	6.3	Incorporated the following CR
			OMA-REQ-CAB-2008-0026R03-INP_Auto_Complete_Input.doc
	19 Mar 2008	6	Incorporated the following CRs:
		0	OMA-REQ-CAB-2008-0023R04-CR_Restore_Contact_Information
			OMA-REQ-CAB-2008-0026R04-INP_Auto_Complete_Input
			OMA-REQ-CAB-2008-0040R02-INP_CAB_Data_Lost_terminals
	25 Mar 2008	4 & 6	Incorporated the following CRs
		4 & 0	OMA-REQ-CAB-2008-0039R01-CR_CAB_Introduction
			OMA-REQ-CAB-2008-0021R03-CR_UpdateNotify
			OMA-REQ-CAB-2008-0036R03-CR_Integration_device_address_book
			OMA-REQ-CAB-2008-0047R02-CR_Rules_for_Contact_View_Selection
	26 Mar 2008	3 & 6	Incorporated the following CRs
		3 & 0	OMA-REQ-CAB-2008-0067R01-CR_Definition_Alignment
			OMA-REQ-CAB-2008-0050R02-CR_CAB_adaption_management
			OMA-REQ-CAB-2008-0060R01-CR_CAB_Network_Interface

<b>Document Identifier</b>	Date	Sections	Description
	2 Apr 2008	5 & 6	Incorporated the following CRs
		3 & 0	OMA-REQ-CAB-2008-0071R01-CR_Subscription_Invitation
			OMA-REQ-CAB-2008-0049R03-INP_CAB_Contact_Status
			OMA-REQ-CAB-2008-0029R02-INP_multimedia_presentation
			OMA-REQ-CAB-2008-0061R02-CR_Contact_Views_and_Display_Name
			OMA-REQ-CAB-2008-0044R02-CR_Persona_UC
			OMA-REQ-CAB-2008-0065R02-INP_Personal_Info_definition
	21 May 2008	1, 3 5 6	Incorporated the following CRs
			OMA-REQ-CAB-2008-0088R01-CR_CAB_Scope_RDRR.
			OMA-REQ-CAB-2008-0109-CR_RD_A096toA103_Section4
			OMA-REQ-CAB-2008-0087R01-CR_CAB_User_Definition_RDRR_A045_046
			OMA-REQ-CAB-2008-0094R01-CR_Personal_and_Publish_Contact_Card.
			OMA-REQ-CAB-2008-0096R01-CR_Legacy_Format_Definition_RDRR_A063
			OMA-REQ-CAB-2008-0099R01- CR_Definitions_RDRR_A047_A057_to_A062_andA076
			OMA-REQ-CAB-2008-0107-CR_RD_A066toA068_and_A085toA087_UserCommPref
			OMA-REQ-CAB-2008-0108R01-CR_RD_A069toA071_and_A088_UserPrefProfile
			OMA-REO-CAB-2008-0126R02-
			CR_Resolution_to_CAB_RDRR_A053_A054_A056_and_A075
			OMA-REQ-CAB-2008-0118-CR_HLF001_A187_to_A189
			OMA-REQ-CAB-2008-0127R01-CR_Resolution_to_CAB_RDRR_A209_to_A212
			OMA-REQ-CAB-2008-0116R01-CR_Resolution_to_A245_A255
			OMA-REQ-CAB-2008-0117-CR_Resolution_to_A256_A263
			OMA-REQ-CAB-2008-0092R01-CR_A283_A288_Resolution_proposal
			OMA-REQ-CAB-2008-0119R01-CR_Resolution_to_A322_A334
			OMA-REQ-CAB-2008-0115R01-CR_Resolution_to_A190_A196.
			OMA-REQ-CAB-2008-0122-CR_Resolution_to_A343_A348
			OMA-REQ-CAB-2008-0145R01-CR_Resolution_to_A221_A232
			OMA-REQ-CAB-2008-0123R01-CR_Resolution_to_A349_A357
			OMA-REQ-CAB-2008-0128R01-
			CR_Resolution_to_CAB_RDRR_Comments_A358_to_A386
			OMA-REQ-CAB-2008-0093R01-CR_A387_A392_Resolution_proposal
			OMA-REQ-CAB-2008-0098R01-CR_HLF_030_RDRR_A393_A394_A395_A396
			OMA-REQ-CAB-2008-0146R01-CR_Resolution_to_A519_A528 OMA-REO-CAB-2008-0125R01-
			CR_Resolution_to_CAB_RD_Review_Comments_A586_to_A590
			OMA-REQ-CAB-2008-0131R01-CR_CAB_VIEW_0012_RDRR_A532_to_A540
			OMA-REQ-CAB-2008-0143R01-CR_PRV001_A447_to_A454
			OMA-REQ-CAB-2008-0147R01-CR Resolution A529
			OMA-REQ-CAB-2008-0149R01-CR_CAB_HLF_025
			OMA-REQ-CAB-2008-0095R01-CR_A497_A498_Resolution_proposal
			OMA-REQ-CAB-2008-0101-CR_Confidentiality_RDRR_A433_to_A438
			OMA-REQ-CAB-2008-0105-CR_CAB_VIEW_13_A541_to_A546
			OMA-REQ-CAB-2008-0106-CR_CAB_VIEW_11_A530_to_A531
			OMA-REQ-CAB-2008-0111R02-CR_HLF_012_RDRR_resolution
			OMA-REQ-CAB-2008-0113R01-CR_HLF_032_RDRR_resolution
			OMA-REQ-CAB-2008-0134R01-CR_RD_A274toA281_HLF013
			OMA-REQ-CAB-2008-0103R01-CR_A048_to_A052_Resolution_Proposal
			OMA-REQ-CAB-2008-0142-CR_LI_004_RDRR_A465_A466
			OMA-REQ-CAB-2008-0144-CR_LI_Note_A467
	3 Jun 2008	3,5,6 &	Corrected the implementation of:
		Appendix	OMA-REQ-CAB-2008-0142-CR_LI_004_RDRR_A465_A466
		В	Editorial changes:
			- Deleted entries [OMA Presence] and [OMA XDM] because they are not referenced
			in the RD.
			- Added subsection "2.1 Normative references" header to follow the latest template.
			- Deleted [OMADICT] from the normative references and kept it in the informative
	<u>l</u>	l	references. Definitions in section 3 will require a reference to OMADICT.

Sorted the definitions alphabetically	<b>Document Identifier</b>	Date	Sections	Description
Incorporated the following CRs				Sorted the definitions alphabetically.
CR_Authentication_Requirements_RDRR_A18_to_A25   OMA_REQ_CAB_2006_1108(D2_CR_Resolution_to_A335_A338)     OMA_REQ_CAB_2006_1018(D1_CR_RD_A365) ox575_9CH002andSRCH003     OMA_REQ_CAB_2006_1018(D1_CR_RD_A365) ox575_9CH002andSRCH003     OMA_REQ_CAB_2006_1018(D1_CR_RD_A365) ox575_9CH002andSRCH003     OMA_REQ_CAB_2006_1018(D1_CR_RD_A365) ox575_9CH002andSRCH003     OMA_REQ_CAB_2006_1018(D1_CR_RD_A365) ox575_9CH002andSRCH003     OMA_REQ_CAB_2006_1018(D1_CR_RESolution_to_A335_A342     OMA_REQ_CAB_2006_1018(D1_CR_RESOlution_to_A335_A342     OMA_REQ_CAB_2006_1018(D1_CR_RESOlution_to_A335_A342     OMA_REQ_CAB_2006_1018(D1_CR_RESOlution_to_A335_A342     OMA_REQ_CAB_2006_1018(D1_CR_RESOlution_to_A335_A326     Incorporated the following CR_S     OMA_REQ_CAB_2006_1018(D1_CR_RESOlution_to_A335_A236     Incorporated the following CR_S     OMA_REQ_CAB_2006_1018(D1_CR_RESOlution_to_State_and_Contact_State_and_Contac				1
OMA_REQ_CAB_2008_0110RCR_CR_DAID_NOW_RECAS_MODE				OMA-REQ-CAB-2008-0100-
OMA-REQ-CAB-2008-0120R0-1-CR, Resolution, 1o, A335, A338   OMA-REQ-CAB-2008-0140R0-1-CR, RD, A500n-A579_SRCH002andSRCH003   OMA-REQ-CAB-2008-0161 R00-1-CR, Personal Connet_cad figure				CR_Authentication_RequirementsRDRR_A418_to_A425
OMA-REC-CAB-2008-0118R01-CR. RD. As69toAs792 SRCH002andSRCH003   OMA-REC-CAB-2008-0118R03-CR. Change. Request   Incorporated the following CRs   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-0172R01-CR. HLF 007_A233_A236   Incorporated the following CRs   OMA-REC-CAB-2008-016R03-CR. Merging Contact Share_and Contact_Send OMA-REC-CAB-2008-016R03-CR. Merging Contact Share_and Contact_Send OMA-REC-CAB-2008-016R03-CR. Merging Contact_Share_and_Contact_Send Cab. CR. CR. CR. CR. CR. CR. CR. CR. CR. CR				OMA-REQ-CAB-2008-0110-CR_RD_A104_NewUseCaseModel
OMA-REC-CAB-2008-0118R01-CR. RD. As69toAs792 SRCH002andSRCH003   OMA-REC-CAB-2008-0118R03-CR. Change. Request   Incorporated the following CRs   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-016R01-CR. View001_A93_A494   OMA-REC-CAB-2008-0172R01-CR. HLF 007_A233_A236   Incorporated the following CRs   OMA-REC-CAB-2008-016R03-CR. Merging Contact Share_and Contact_Send OMA-REC-CAB-2008-016R03-CR. Merging Contact Share_and Contact_Send OMA-REC-CAB-2008-016R03-CR. Merging Contact_Share_and_Contact_Send Cab. CR. CR. CR. CR. CR. CR. CR. CR. CR. CR				OMA-REQ-CAB-2008-0120R02-CR_Resolution_to_A335_A338
4 Jun 2008				
OMA-REQ-CAB-2008-013R01-CR_Personal_Contact_card_figure   OMA-REQ-CAB-2008-016R01-CR_Personal_Contact_card_figure   OMA-REQ-CAB-2008-016R01-CR_Personal_Contact_card_figure   OMA-REQ-CAB-2008-016A-CR_View003_A499_A505   Incorporated the following CR   OMA-REQ-CAB-2008-016A-CR_View003_A499_A505   Incorporated the following CR   OMA-REQ-CAB-2008-013R01-CR_HLP_007_A233_A236   OMA-REQ-CAB-2008-013R01-CR_HLP_015_A289   OMA-REQ-CAB-2008-013R01-CR_HLP_015_A289   OMA-REQ-CAB-2008-013R01-CR_HLP_015_A289   OMA-REQ-CAB-2008-015R03-CR_Merging_Contact_Share_and_Contact_Send   Added missing changes of CMA-REQ-CAB-2008-016R03-CR_Merging_Contact_Share_and_Contact_Send   CR_Merging_Contact_Share_and_Contact_Send   OMA-REQ-CAB-2008-015R03-CR_VIEW004_Public_RDRR_A492_to_A508   OMA-REQ-CAB-2008-015R01-CR_SECTIO01_A564_A568   OMA-REQ-CAB-2008-0167R01-CR_SECTIO01_A564_A568   OMA-REQ-CAB-2008-0197R01-CR_CAB_INTE_01A_301_A301   OMA-REQ-CAB-2008-0197R01-CR_CAB_INTE_01A_301_A301   OMA-REQ-CAB-2008-0197R01-CR_DAB_INTE_01A_301_A301   OMA-REQ-CAB-2008-0197R01-CR_HIE_01A_301_A301   OMA-REQ-CAB-2008-0				OMA-REQ-CAB-2008-0114R03-CR Change Request
OMA-REQ-CAB-2008-012 RIGH-CR. Resolution, to, A339_A342   OMA-REQ-CAB-2008-016 RIGH-CR. Presonal Contact_and figure OMA-REQ-CAB-2008-016 RIGH-CR. View001_A493_A494   OMA-REQ-CAB-2008-016 CR. View003_A499_A505   Incorporated the following CR   OMA-REQ-CAB-2008-016 CR. Fill_10_07_A233_A236   Incorporated the following CR   OMA-REQ-CAB-2008-016 RIGH-CR. Fill_10_07_A233_A236   OMA-REQ-CAB-2008-016 RIGH-CR. Fill_10_07_A233_A236   OMA-REQ-CAB-2008-016 RIGH-CR. Fill_10_15_A289   OMA-REQ-CAB-2008-016 RIGH-CR. Fill_10_15_A289   OMA-REQ-CAB-2008-016 RIGH-CR. Fill_10_15_A289   OMA-REQ-CAB-2008-016 RIGH-CR. Fill_10_15_A289   OMA-REQ-CAB-2008-015 RIGH-CR. PLUEDIS_CRDRR_A492_16_A508   OMA-REQ-CAB-2008-015 RIGH-CR. VIEW_007_RDIRR_514_to_516   OMA-REQ-CAB-2008-016 RIGH-CR. SRC11001_A564_A568   OMA-REQ-CAB-2008-016 RIGH-CR. SRC11001_A564_A568   OMA-REQ-CAB-2008-016 RIGH-CR. PLUEDIS_CRDRR_A492_16_A508   OMA-REQ-CAB-2008-017 RIGH-CR. CR. PLUEDIS_CRDRR_A494   OMA-REQ-CAB-2008-017 RIGH-CR. CR. PLUEDIS_CRDRR_A494   OMA-REQ-CAB-2008-017 RIGH-CR. PLUEDIS_CRDRR_A494   OMA-REQ-CAB-2008-019 RIGH-CR. PLUEDIS_CRDRR_A494   OMA-REQ-CAB-2008-018 RIGH-CR. PLUEDIS_A494   OMA-REQ-CAB-2008-018 RIGH-CR. PLUEDIS_CRDRP_A494   OMA-REQ-CAB-2008-018 RIGH-CR. PLUEDIS_CRDR_A494   OMA-REQ-CAB-2008-018 RIGH-CR. PLUEDIS_CRDRS_CRDRS_O144   OMA-REQ-CAB-2008-01		4 Jun 2008	4 & 5	Incorporated the following CRs
OMA-REQ-CAB-2008-0163R01-CR_ View001_A493_A494   OMA-REQ-CAB-2008-0164-CR_ View003_A499_A505				
OMA-REQ-CAB-2008-0163R01-CR_ View001_A493_A494   OMA-REQ-CAB-2008-0164-CR_ View003_A499_A505				OMA-REQ-CAB-2008-0161R01-CR Personal Contact card figure
OMA-REQ-CAB-2008-0164-CR, View003_A499_A505				
17 Jun 2008				
18 Jun 2008   3 & 5   Incorporated the following CRs		17 Jun 2008		
18 Jun 2008   3 & 5   Incorporated the following CRs OMA-REQ-CAB-2008-0130R01-CR_HLF015_A289 OMA-REQ-CAB-2008-0150R01-CR_Merging_Contact_Start_and_Contact_Send Added missing changes of OMA-REQ-CAB-2008-0160R03-CR_Merging_Contact_Shart_and_Contact_Send CR_Merging_Contact_Shart_and_Contact_Send CR_Merging_Contact_Shart_and_Contact_Send change 3   Incorporated the following CRs OMA-REQ-CAB-2008-0157801-CR_VIEW_007_RDRR_514_T0_516 OMA-REQ-CAB-2008-0157801-CR_VIEW_007_RDRR_514_T0_516 OMA-REQ-CAB-2008-0157801-CR_VIEW_007_RDRR_514_T0_516 OMA-REQ-CAB-2008-0157801-CR_VIEW_007_RDRR_514_T0_516 OMA-REQ-CAB-2008-0156701-CR_VIEW_007_RDRR_514_T0_516 OMA-REQ-CAB-2008-013671-CR_D_A009toA17_61.1		1, 0411 2000		
OMA-REQ-CAB-2008-01630R01-CR, HLF-015_A289		18 Jun 2008	3 & 5	
OMA-REQ-CAB-2008-016R03-CR, Merging_Contact_Share_and_Contact_Send				
23 Jun 2008				
CR_Merging_Contact_Share_and_Contact_Send change 3 Incorporated the following CRs OMA_REQ-CAB_2008-0151R03-CR_VIEW004_Public_RDRR_A492_to_A508 OMA_REQ-CAB_2008-0175R01-CR_VIEW_007_RDRR_514_to_516 OMA_REQ-CAB_2008-0175R01-CR_SCR_0100_A564_A568 OMA_REQ-CAB_2008-0136R1-CR_RD_A409to_A417_61.1  29 Jun 2008  4 & 5 Editorial changes: OMA_REQ-CAB_2008-0202R02 CR_RDRR_comments_20_to_33_A009 Added missing changes of OMA_REQ-CAB_2008-0160R03 CR_ROBRR_comments_20_to_33_A009 Added missing changes of OMA_REQ-CAB_2008-0160R03 CR_Merging_Contact_Share_and_Contact_Send change 3 Incorporated the following CRs OMA_REQ-CAB_2008-0179R01-CR_CAB_Introduction_A017 OMA_REQ-CAB_2008-0179R01-CR_CAB_Introduction_A017 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A197_A208 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A307_A406 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A307_A406 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 OMA_REQ-CAB_2008-0197R01-CR_HLE_013_A397_A400 OMA_REQ-CAB_2008-0197R01-CR_NEW_005_A509_A511 OMA_REQ-CAB_2008-0197R01-CR_NEW_005_A509_A511 OMA_REQ-CAB_2008-0197R01-CR_NEW_005_A59_A604 OMA_REQ-CAB_2008-0187R01-CR_NEW_005_A59_A604 OMA_REQ-CAB_2008-0187R01-CR_NEW_005_A59_A604 OMA_REQ-CAB_2008-0187R01-CR_NEW_005_A59_A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0A604 OMA_REQ-CAB_2008-0190-CR_NEW_005_A58_0		23 Jun 2008	5	
Incorporated the following CRs		25 5411 2000		
OMA-REQ-CAB-2008-0151R03-CR_VIEW004_Public_RDRR_A492_to_A508 OMA-REQ-CAB-2008-0175R01-CR_VIEW_007_RDRR_514_to_516 OMA-REQ-CAB-2008-0176R01-CR_SCRCH001_A564_A568 OMA-REQ-CAB-2008-0136R1-CR_RD_A409toA417_6.1.1  29 Jun 2008  4 & 5 Editorial changes: OMA-REQ-CAB-2008-0102R02 CR_RDRR_Comments 20_to_33_A009 Added missing changes of OMA-REQ-CAB-2008-0160R03- CR_Merging_Contact_Share_and_Contact_Send change 3 Incorporated the following CRs OMA-REQ-CAB-2008-0197R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0197R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0197R01-CR_HIE_0017_A301_A303 OMA-REQ-CAB-2008-0197R01-CR_HIE_0017_A301_A303 OMA-REQ-CAB-2008-0197R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0187R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0187R01-CR_HIE_017_A301_A307_A406 OMA-REQ-CAB-2008-0187R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0187R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0187R01-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-018R01-CR_PRS_004_A780_A582 OMA-REQ-CAB-2008-0187R01-CR_PRS_004_A780_A582 OMA-REQ-CAB-2008-0187R01-CR_PRS_004_A780_A582 OMA-REQ-CAB-2008-0187R01-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-0187R01-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0187R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-				
OMA-REQ-CAB-2008-0175R01-CR_VIEW_007_RDRR_514_To_516 OMA-REQ-CAB-2008-0167R01-CR_SRCH001_A564_A568 OMA-REQ-CAB-2008-0165R01-CR_SRCH001_A564_A568 OMA-REQ-CAB-2008-0165R01-CR_DA-MORAHT_61.1 29 Jun 2008  4 & 5 Editorial changes: OMA-REQ-CAB-2008-0202R02- CR_RDRR_comments_20_to_33_A009 Added missing changes of OMA-REQ-CAB-2008-0160R03- CR_Merging_Contact_Share_and_Contact_Send change_3 Incorporated the following_CRs OMA-REQ-CAB-2008-0179R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-01979R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0197801-CR_HLF_003_A197_A208 OMA-REQ-CAB-2008-0197801-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0197801-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0197801-CR_HLF_017_A304_A307_A406 OMA-REQ-CAB-2008-0197801-CR_HLF_031_A397_A400 REQ-CAB-2008-0197801-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-0137802-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-0137802-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-01058-02-CR_RD_A460toA464_L001toL1003 OMA-REQ-CAB-2008-01058-02-CR_WG_A557_A560_A596_A604 OMA-REQ-CAB-2008-01058-02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0165802-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0185802-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0185802-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187801-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0197801-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-017801-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-013801-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-013801-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-013801-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-013801-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138001-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0158001-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-019801-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-019801-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-019801-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-019801-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-019801-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-019801-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-019801-CR_SP_defined_Views_A100				
OMA-REQ-CAB-2008-0167R01-CR_SRCH001_A564_A568 OMA-REQ-CAB-2008-01681-CR_DA409toA417_6.1.1  29 Jun 2008  4 & 5  Editorial changes: OMA-REQ-CAB-2008-02020202 CR_RDRR_comments_20_to_33_A009 Added missing changes of OMA-REQ-CAB-2008-0160R03- CR_Merging_Contact Share_and_Contact_Stend change_3 Incorporated the following_CRs OMA-REQ-CAB-2008-0179R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0169R04-CR_HLF_003_A197_A208 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0139R02-CR_DA460toA464_L1001toL1003 OMA-REQ-CAB-2008-0133R02-CR_DA460toA464_L1001toL1003 OMA-REQ-CAB-2008-0101-CR_View_005_A609_A511 OMA-REQ-CAB-2008-0101-CR_View_005_A609_A511 OMA-REQ-CAB-2008-0101-CR_View_005_A609_A511 OMA-REQ-CAB-2008-018-SCR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0189-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-018-SCR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0189-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-018-SR02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-018-SR02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_FRS_004 REQ-CAB-2008-0199-CR_RS_001_A470_and_A580_A582 OMA-REQ-CAB-2008-0197-CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0197-CR_FRS_004_A580_A582 OMA-REQ-CAB-2008-0197-CR_CR_DA459andA440_6.1.2 OMA-REQ-CAB-2008-0197-CR_DA459andA440_6.1.2 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_CS_CR_CR_DA4580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_CS_CR_CR_DA4580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_CS_CR_CR_DA4580_A580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_CS_CR_CR_DA4580_A580_A582 OMA-REQ-CAB-2008-0198-CR_CR_SRCH_004_CS_CR_CR_DA4580_A580_A580_A582 OMA-REQ-CAB-2008-0198-CR_CR_DA4580_A580_A580_A582 OMA-REQ-CAB-2008-0198-CR_C				
OMA-REQ-CAB-2008-0136R1-CR_RD_A409toA417_6.1.1   29 Jun 2008				
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CR_RDRR_comments_20_to_33_A009 Added missing changes of OMA-REQ-CAB-2008-0160R03- CR_Merging_Contact_Share_and_Contact_Send change 3 Incorporated the following CRs OMA-REQ-CAB-2008-0179R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0197R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0198R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0197R01-CR_HLF_017_A301_A304 OMA-REQ-CAB-2008-0197R01-CR_HLF_031_A397_A406 OMA-REQ-CAB-2008-0197R01-CR_HLF_031_A397_A406 OMA-REQ-CAB-2008-0139R02-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430 OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430 OMA-REQ-CAB-2008-0138002-CR_Nive_005_A509_A511 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0182R01-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0189-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0189-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188R01-CR_PRS_004_A78_to_A487 OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0198-CR_DRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_ROT_004_A580_A582 OMA-REQ-CAB-2008-0199-CR_ROT_04580_A582 OMA-REQ-CAB-2008-0198R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA42_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A431andA42_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A431andA42_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A431andA42_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A431andA442_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A431andA442_6.1.3		29 Jun 2008	4 & 5	
CR_Merging_Contact_Share_and_Contact_Send change 3 Incorporated the following CRs OMA-REQ-CAB-2008-0179R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0198R01-CR_HLF_003_A197_A208 OMA-REQ-CAB-2008-0198R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HLF_031_A397_A400 REQ-CAB-2008-0139R02-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-0133R02-CR_AUTORIZED A450toA464_L1001toL1003 OMA-REQ-CAB-2008-0138R02-CR_AUTORIZED A450toA464_L1001toL1003 OMA-REQ-CAB-2008-0138R02-CR_ND_A550_A511 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0198R01-CR_PRS_004 REQ-CAB-2008-0198R01-CR_PRS_004 REQ-CAB-2008-0197R01-CR_PRS_RESOlution_328_339_and_555 OMA-REQ-CAB-2008-0197R01-CR_RDR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-0197R01-CR_RDR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-0197R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0137R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_RD_A441andA442_6.1.3 OMA				
Incorporated the following CRs OMA-REQ-CAB-2008-0179R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0169R04-CR_HLF_003_A197_A208 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A304_A307_A406 OMA-REQ-CAB-2008-0193R01-CR_HLF_0131_A397_A400 REQ-CAB-2008-0139R02-CR_RD_A460toA464_Ll001toLl003 OMA-REQ-CAB-2008-0133R02-CR_RD_A464_Ll001toLl003 OMA-REQ-CAB-2008-0133R02-CR_RD_A464_Ll001toLl003 OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430 OMA-REQ-CAB-2008-0133R02-CR_View_005_A509_A511 OMA-REQ-CAB-2008-0183R01-CR_View_005_A509_A511 OMA-REQ-CAB-2008-0185R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0188-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0197R01-CR_PRS_004 REQ-CAB-2008-0197R01-CR_PRS_004 REQ-CAB-2008-0197R01-CR_PRS_004 REQ-CAB-2008-0197R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441 andA442_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A441 andA442_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A441 andA442_6.1.3 OMA-REQ-CAB-2008-0138R01-CR_RD_A441 andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0178R01-CR_Lists_In_ContactEntries_A1_012 OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated deitorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
OMA-REQ-CAB-2008-0179R01-CR_CAB_Introduction_A017 OMA-REQ-CAB-2008-0169R04-CR_HLF_003_A197_A208 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A304_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HLF_017_A304_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HLF_031_A397_A400 REQ-CAB-2008-0139R02-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-0133R02-CR_AUthorization_A426_to_A430 OMA-REQ-CAB-2008-0133R02-CR_AUthorization_A426_to_A430 OMA-REQ-CAB-2008-0133R02-CR_Uthorization_A426_to_A430 OMA-REQ-CAB-2008-0165R02-CR_US_A509_A511 OMA-REQ-CAB-2008-0165R02-CR_US_A509_A511 OMA-REQ-CAB-2008-0165R02-CR_US_A509_A511 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0189-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-0188-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_01_A445_A446 OMA-REQ-CAB-2008-0199C01-CR_PRS_004 REQ-CAB-2008-0199C01-CR_RDRR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-019701-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RDR_A49andA440_6.1.2 OMA-REQ-CAB-2008-0137R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_Change_Request OMA-REQ-CAB-2008-0158R01-CR_Lists_In_ContactEntries_A1_012 OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432 Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
OMA-REQ-CAB-2008-0169R04-CR_HLF_003_A197_A208 OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0194R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0194R01-CR_HLF_017_A304_A307_A406 OMA-REQ-CAB-2008-0193R01-CR_HLF_031_A397_A400 REQ-CAB-2008-0139R02-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430 OMA-REQ-CAB-2008-0133R02-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0165R02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0165R02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0185R02-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199R02-CR_A583_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RDR_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0159R03-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0158R01-CR_6.1.1.3_A431_A432 Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
OMA-REQ-CAB-2008-0193R01-CR_HLF_017_A301_A303 OMA-REQ-CAB-2008-0194R01-CR_HLF_017_A301_A304_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HLF_031_A397_A400 REQ-CAB-2008-0133R02-CR_RD_A460toA464_L1001toL1003 OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430 OMA-REQ-CAB-2008-0201-CR_View_005_A509_A511 OMA-REQ-CAB-2008-0183R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488_OMA-REQ-CAB-2008-0188-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0188-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_10T_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_10T_001_A445_A446 OMA-REQ-CAB-2008-0197R01-CR_RDRR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-0091R02-CR_A583_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0158R01-CR_DA441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_DA441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_DS_D_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432 Incorporated the following CRs				
OMA-REQ-CAB-2008-0194R01-CR_HLF_017a_A304_A307_A406 OMA-REQ-CAB-2008-0197R01-CR_HLF_031_A397_A400 REQ-CAB-2008-0139R02-CR_RD_460toA464_L1001toL1003 OMA-REQ-CAB-2008-033R02-CR_Authorization_A426_to_A430 OMA-REQ-CAB-2008-0201-CR_View_005_A509_A511 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0165R02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_000_A468_to_A477 OMA-REQ-CAB-2008-0187R01-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0197R01-CR_RDRR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_CRD_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_DS_CAB_REQREQUEST OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.2 OMA-REQ-CAB-2008-015R01-CR_END_A439andA440_6.1.3 OMA-REQ-CAB-2008-015R01-CR_END_A439andA44				
OMA-REQ-CAB-2008-0197R01-CR_HLF_031_A397_A400  REQ-CAB-2008-0139R02-CR_RD_A460toA464_L1001toL1003  OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430  OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015  OMA-REQ-CAB-2008-0165R02-CR_IWG_A557_A560_A596_A604  OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_002_A468_to_A477  OMA-REQ-CAB-2008-0188-GR_PRS_003_A478_to_A487  OMA-REQ-CAB-2008-0187R01-CR_PRS_004  REQ-CAB-2008-0199-CR_IOT_001_A445_A446  OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446  OMA-REQ-CAB-2008-0199-CR_CR_RSR_REsolution_328_339_and_555  OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_proposal  OMA-REQ-CAB-2008-0138R01-CR_RD_A439andA440_6.1.2  OMA-REQ-CAB-2008-0138R01-CR_RD_A439andA440_6.1.3  OMA-REQ-CAB-2008-0159R03-CR_Change_Request  OMA-REQ-CAB-2008-0159R03-CR_Change_Request  OMA-REQ-CAB-2008-0178R01-CR_SD_A431_A432  2 Jul 2008  All  Incorporated the following CRs				
REQ-CAB-2008-0139R02-CR_RD_A460toA464_L1001toL1003  OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430  OMA-REQ-CAB-2008-0201-CR_View_005_A509_A511  OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015  OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015  OMA-REQ-CAB-2008-0188-CR_IWG_A557_A560_A596_A604  OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008- 0189-CR_PRS_002_A468_to_A477  OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487  OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446  OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446  OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328_339_and_555  OMA-REQ-CAB-2008-0091R02-CR_SRCH_004_A580_A582  OMA-REQ-CAB-2008-0013R01-CR_RD_A439andA440_6.1.2  OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3  OMA-REQ-CAB-2008-0159R03-CR_Change_Request  OMA-REQ-CAB-2008-0158R01-CR_Lists_In_ContactEntries_AI_012  OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018  OMA-REQ-CAB-2008-0198R01-CR_SP_defined_Views_A10018  OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008  All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008.  Incorporated the following CRs				
OMA-REQ-CAB-2008-0133R02-CR_Authorization_A426_to_A430 OMA-REQ-CAB-2008-0201-CR_View_005_A509_A511 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0185R02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0189-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-01909-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-0137R01-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0154R01-CR_D_A441 andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
OMA-REQ-CAB-2008-0201-CR_View_005_A509_A511 OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0165R02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0188-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-0188-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_IOT_001_A45_S0_A582 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-0197R01-CR_RDR_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0158R01-CR_D_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
OMA-REQ-CAB-2008-0182R01-CR_Dispay_Name_and_VIEW_014_A015 OMA-REQ-CAB-2008-0165R02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008-0189-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0200R02-CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328,_339_and_555 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0154R01-CR_Lists_In_ContactEntries_AI_012 OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_AI0018 OMA-REQ-CAB-2008-0178R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
OMA-REQ-CAB-2008-0165R02-CR_IWG_A557_A560_A596_A604 OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008- 0189-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0199-CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0154R01-CR_Litss_In_ContactEntries_AI_012 OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_A10018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
OMA-REQ-CAB-2008-0188-CR_PRS_001_A470_and_A488 OMA-REQ-CAB-2008- 0189-CR_PRS_002_A468_to_A477 OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487 OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0200R02-CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328_339_and_555 OMA-REQ-CAB-2008-017R01-CR_RDRR_Resolution_proposal OMA-REQ-CAB-2008-018R02-CR_A583_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0154R01-CR_Lists_In_ContactEntries_AI_012 OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_Al0018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
0189-CR_PRS_002_A468_to_A477  OMA-REQ-CAB-2008-0186R02-CR_PRS_003_A478_to_A487  OMA-REQ-CAB-2008-0187R01-CR_PRS_004  REQ-CAB-2008-0199-CR_IOT_001_A445_A446  OMA-REQ-CAB-2008-0200R02-CR_SRCH_004_A580_A582  OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328, 339_and_555  OMA-REQ-CAB-2008-0091R02-CR_A583_Resolution_proposal  OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2  OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3  OMA-REQ-CAB-2008-0159R03-CR_Change_Request  OMA-REQ-CAB-2008-0154R01-CR_Lists_In_ContactEntries_AI_012  OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_AI0018  OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008  All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
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OMA-REQ-CAB-2008-0187R01-CR_PRS_004 REQ-CAB-2008-0199-CR_IOT_001_A445_A446 OMA-REQ-CAB-2008-0200R02-CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328,_339_and_555 OMA-REQ-CAB-2008-0091R02-CR_A583_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_D_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0154R01-CR_Lists_In_ContactEntries_AI_012 OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_AI0018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
REQ-CAB-2008-0199-CR_IOT_001_A445_A446  OMA-REQ-CAB-2008-0200R02-CR_SRCH_004_A580_A582  OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328,_339_and_555  OMA-REQ-CAB-2008-0091R02-CR_A583_Resolution_proposal  OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2  OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3  OMA-REQ-CAB-2008-0159R03-CR_Change_Request  OMA-REQ-CAB-2008-0154R01-CR_Lists_In_ContactEntries_AI_012  OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_AI0018  OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008  All  Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008.  Incorporated the following CRs				
OMA-REQ-CAB-2008-0200R02-CR_SRCH_004_A580_A582 OMA-REQ-CAB-2008-0177R01-CR_RDRR_Resolution_328,_339_and_555 OMA-REQ-CAB-2008-0091R02-CR_A583_Resolution_proposal OMA-REQ-CAB-2008-0137R01-CR_RD_A439andA440_6.1.2 OMA-REQ-CAB-2008-0138R01-CR_RD_A441andA442_6.1.3 OMA-REQ-CAB-2008-0159R03-CR_Change_Request OMA-REQ-CAB-2008-0154R01-CR_Lists_In_ContactEntries_AI_012 OMA-REQ-CAB-2008-0178R01-CR_SP_defined_Views_AI0018 OMA-REQ-CAB-2008-0198R01-CR_6.1.1.3_A431_A432  2 Jul 2008 All Incorporated editorial corrections provided in the different REQ CAB R&A which was held from 1 to 14 July 2008. Incorporated the following CRs				
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## Appendix B. Use Cases

(Informative)

The following uses cases provide a high view of some of the functionality that the CAB Enabler is intended to support. The descriptions do not provide sufficient detail to fully capture the operational expectations, much less the alternative uses or various error conditions that might be experienced.

## **B.1** Device Updates from Changes to Network Contact Info

This use case covers the situation where updating of entries in the network-based address book storage is propagated to the other devices associated with the CAB User.

### **B.1.1** Short Description

The CAB User, using one of his devices, updates an entry in his address book. As the data on his device and the information in the network are synchronized, this change is propagated and becomes the 'current' data in the network-based storage. The change is now needed to be reflected on all devices associated with the CAB User.

For devices that are currently active, the change can be sent as part of its synchronization activity. For devices that are not active, they will need to be updated when they become available. Thus the network-based system must 'remember' which devices need the update, this is also considered part of the synchronization functionality.

#### **B.1.2** Market Benefits

Users subscribing to CAB have their data synchronized with the network-based storage, freeing them from the task of updating each device individually. This feature is also performed when the data is revised from other sources (e.g. from Contact Subscriptions to other user's data) which permits the user to develop confidence that they have the latest data on whichever device they may be using.

## **B.2** Managing the Personal Contact Card

This use case presents the Personal Contact Card and what users would typically use it for.

## **B.2.1** Short Description

The CAB User has populated their Personal Contact Card with all of their relevant contact information. Should that user subscribe to a new service (e.g. a new messaging service utilizing a new address) they would then edit their Personal Contact Card by using one of their devices and entering the appropriate edit mode. They would add the new addressing information they received as part of their new service. When they save this new data, it would be propagated to the network based storage system which would then update all of the CAB User's devices associated with the CAB service.

Thus, if the CAB User were to subsequently review their Personal Contact Card data on one of their other devices, they would see that it had been updated and would show the information for the new service. The view of the data in the Personal Contact Card would be complete and consistent whether or not a specific device could support any of the services described or not.

#### **B.2.2** Market Benefits

Users subscribing to CAB would have a singular master set of data about themselves constituted in the Personal Contact Card which could be updated from any of their devices. They can thus rely on the CAB system to provide the most up-to-date data to people interested in their contact information and need not worry about older versions sitting on their devices.

### **B.3** Publish/Subscription of Contact Information

This use case describes how Contact Views will be used to set the information that a CAB User publishes which impacts the users subscribing to the data.

## **B.3.1** Short Description

The CAB User can establish a set of Contact Views which permit them to have different subsets of information from their Personal Contact Card to be available to other users. The Contact Views are stored by the network-based storage system which permits it to provide the correct attributes to be published to users retrieving data about the CAB User.

An attempt by another user to subscribe to the CAB User's data may lead to the CAB User getting an alert which asks whether the requesting user is to be permitted to have access to their data, and if so, which view. The CAB User may assign the requestor to a specific or default Contact View. The CAB system will remember this assignment so that it can make sure the requesting user gets the correct data.

At some later point in time, a change to an attribute in the Personal Contact Card is made. The CAB system will determine which Contact Views are affected and for all users subscribed to these Contact Views, they will, through the subscription process, get the updated data.

#### **B.3.2** Market Benefits

CAB Users will be able to manage the data which other users get about them. In addition, the CAB system will also provide a consistent approach to propagating changes to their data to the other users who have subscribed to the updates. Users will be freed from manual update activities for those contacts that have subscribed to their information.

# **B.4** Sharing Contact Information

This use case covers the case where CAB Users share information about other contacts.

### **B.4.1** Short Description

A CAB User is able to send contact information about a third party to another CAB User. The source CAB User is able to forward the contact information from their address book to the receiving CAB User who can store it in their contact information.

While the contact information is available to the receiving CAB User, the sharing operation does not itself establish any kind of subscription action from the actual contact or the source CAB User. In addition, the data that may be provided may be out-of-date as it provides no specific data from the contact directly.

#### **B.4.2** Market Benefits

The sharing operation permits CAB Users to forward information about other users to each other. From this they can communicate using the information or seek a subscription in which case the data would be kept current.

## **B.5** Importation of Contact Information from other Systems

This use case presents the case where information from other address book sources can be imported into the CAB system.

## **B.5.1** Short Description

A CAB User also has contact information in non-CAB repositories. They wish to get that data into their CAB system so they can get the benefits of multi-device updates. They thus retrieve the data in a bulk format (e.g. data file or spreadsheet) which they then process to permit it to be read by their CAB service. The CAB system reads the data and imports the set of contacts provided.

In cases where data in specific fields match data the CAB User already has in their CAB address book, the user is able to merge or delete elements to avoid multiple repetitive records in their CAB data.

#### **B.5.2** Market Benefits

By importing the data from older address book storage systems, the CAB User is able to have all their contact information in their CAB system which may permit the user to drop the use of the older contact storage system. In any case, the CAB User will have a unified set of data available for use by applications that can access their CAB contact information.