Enabler Release Definition for Software and Application Control Management Object (SACMO)

Candidate Version 1.0 – 19 Jul 2011

Open Mobile Alliance

OMA-ERELD-SACMO-V1_0-20110719-C

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1. Scope

The scope of this document is limited to the Enabler Release Definition of SACMO v1.0 according to OMA Release process and the Enabler Release specification baseline listed in section 5.

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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

[SACMOAD] "OMA Software and Application Control Management Object Architecture, Version 1.0 ", Open Mobile Alliance™, OMA-AD-SACMO-V1_0, URL:http://www.openmobilealliance.org/

[SACMORD] "OMA Software and Application Control Management Object Requirements, Version 1.0 ", Open Mobile Alliance™, OMA-RD-SACMO-V1_0, URL:http://www.openmobilealliance.org/

[SACMOTS] "OMA Software and Application Control Management Object Specification, Version 1.0 ", Open Mobile Alliance™, OMA-TS-SACMO-V1_0, URL:http://www.openmobilealliance.org/

[SCRRULES] "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 2.7, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_7, URL:http://www.openmobilealliance.org/

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3. Terminology and Conventions

3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, "Release Version Overview" and “Conformance Requirements Notation Details”, are normative, unless they are explicitly indicated to be informative.

The formal notation convention used in sections 8 and 9 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCRRULES].

3.2 Definitions

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.
Minimum Functionality Description	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.

3.3 Abbreviations

ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority

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4. Release Version Overview

The SACMO enabler involves the download of a SACMO workflow to a SACMO agent on the device. The SACMO agent may apply conditional logic to execute any combination of DM MOs to lead to the desired result, e.g. initiation of the device or resolution of a known problem with an application.

4.1 Version 1.0 Functionality

SACMO V1.0 covers:

- Download, installation, update, activation, deactivation & removal of SACMO in the device
- Reporting the results of a SACMO workflow
- User confirmation before execution of SACMO workflow operations

Out of scope is:

- Interface between the DM server and a requester such as the Customer Care Agent.

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5. Document Listing for SACMO

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[SACMORD]	OMA-RD-SACMO-V1_0-20110719-C	Requirement Document for SACMO Enabler
Architecture Document		
[SACMOAD]	OMA-AD-SACMO-V1_0-20101005-C	Architecture Document for SACMO Enabler
Technical Specifications		
[SACMOTS]	OMA-TS-SACMO-V1_0-20110719-C	Technical Specification for SACMO Enabler
Supporting Files		

Table 1: Listing of Documents in SACMO Enabler

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6. OMNA Considerations

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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.

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8. ERDEF for <<ENABLER>> - Client Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-<<ENABLER>>-C-001-<<M/O>>	<<ENABLER>> Client	

Table 2: ERDEF for <<ENABLER>> Client-side Requirements

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9. ERDEF for <<ENABLER>> - Server Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-<<ENABLER>>-S-001-<<M/O>>	<<ENABLER>> Server	

Table 3: ERDEF for <<ENABLER>> Server-side Requirements

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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-ERELD-SACMO-V1_0	01 Jun 2010	All	First baseline as agreed in OMA-DM-SACMO-2010-0008-INP_ERELD_baseline
	07 Jun 2010	5	Changes to OMA-RD-SACMO-V1_0 Section 5 updated to reflect this
Candidate Version OMA-ERELD-SACMO-V1_0	27 Jul 2010	N/A	Status changed to Candidate by TP: OMA-TP-2010-0296-INP_SACMO_V1_0_RD_for_Candidate_Approval
Draft Versions OMA-ERELD-SACMO-V1_0	16 Sep 2010	5	Addition of the AD to the list of documents
	17 Sep 2010	N/A	New version created to match the ERP date, no change other than the date
Candidate Version OMA-ERELD-SACMO-V1_0	05 Oct 2010	N/A	Status changed to Candidate by TP: OMA-TP-2010-0424-INP_SACMO_V1_0_AD_for_Candidate_approval
Draft Versions OMA-ERELD-SACMO-V1_0	14 Feb 2011	5	Changes to OMA-RD-SACMO-V1_0 Section 5 updated to reflect this Incorporated: OMA-DM-SACMO-2011-0002-CR_Add_TS_to_SACMO_ERP
	16 Feb 2011	5	Changes to OMA-TS-SACMO-V1_0 Section 5 updated to reflect this
	07 Jul 2011	5	Changes to OMA-TS-SACMO-V1_0 Section 5 updated to reflect this
Candidate Version OMA-ERELD-SACMO-V1_0	19 Jul 2011	All	Status changed to Candidate by TP: OMA-TP-2011-0257-INP_SACMO_V1_0_ERP_for_Candidate_Approval

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