



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

Approved Version 1.0 – 29 Jul 2014

Open Mobile Alliance
OMA-ERELD-SACMO-V1_0-20140729-A

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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.

2. References

2.1 Normative References

- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997,
[URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [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/](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/](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/](http://www.openmobilealliance.org/)
- [SCR RULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR_Rules_and_Procedures,
[URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.7, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_7,
[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 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
ERELED	Enabler Release Definition
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority

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.

5. Document Listing for SACMO 1.0

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[SACMORD]	OMA-RD-SACMO-V1_0-20140729-A	Requirement Document for SACMO Enabler
Architecture Document		
[SACMOAD]	OMA-AD-SACMO-V1_0-20140729-A	Architecture Document for SACMO Enabler
Technical Specification		
[SACMOTS]	OMA-TS-SACMO-V1_0-20140729-A	Technical Specification for SACMO Enabler

Table 1: Listing of Documents in SACMO 1.0 Enabler

6. OMNA Considerations

7. Conformance Requirements Notation Details

This section is informative

The tables in following chapters use the following notation:

- Item:** Entry in this column **MUST** be a valid `ScrItem` according to [SCRRULES].
- Feature/Application:** Entry in this column **SHOULD** be a short descriptive label to the **Item** in question.
- Requirement:** Expression in the column **MUST** be a valid `TerminalExpression` according to [SCRRULES] and it **MUST** accurately reflect the architectural requirement of the **Item** in question.

8. ERDEF for SACMO 1.0 - Client Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-SACMO 1.0-C-001-<<M/O>>	SACMO 1.0 Client	

Table 2: ERDEF for SACMO 1.0 Client-side Requirements

9. ERDEF for SACMO 1.0 - Server Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-SACMO 1.0-S-001-<<M/O>>	SACMO 1.0 Server	

Table 3: ERDEF for SACMO 1.0 Server-side Requirements

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
OMA-ERELED-SACMO-V1_0-20140729-A	29 Jul 2014	Status changed to Approved by TP TP Ref # OMA-TP-2014-0159-INP_SACMO_V1_0_ERP_for_final_Approval