Enabler Release Definition for OMA Device Management Smart Card

Candidate Version 1.0 – 27 Apr 2010

Open Mobile Alliance
OMA-ERELD-DM_SC-V1_0-20100427-C

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Tables

1. Scope

The scope of this document is limited to the Enabler Release Definition of OMA Device Management Smart Card 1.0 according to OMA Release process and the Enabler Release specification baseline listed in section 5. The OMA DM_SC 1.0 enabler is based on technologies such as OMA DM v1.2 and OMA SCWS v1.1 respectively specified in the OMA Device Management v1.2 Enabler Release Definition [ERELDDM] and the OMA Smart Card Web Server v1.1 Enabler Release Definition [ERELDSCWS].

2. References

2.1 Normative References

[DMSCAD]	"DM Smart Card Architecture", Open Mobile Alliance™, OMA-AD-DM_SC-V1_0, URL:http://www.openmobilealliance.org/
[DMSCRD]	"DM Smart Card Requirements", Open Mobile Alliance™, OMA-RD-DM_SC-V1_0, URL:http://www.openmobilealliance.org/
[DMSCTS]	"DM Smart Card Technical Specification", Open Mobile Alliance™, OMA-TS-DM_SC-V1_0, URL:http://www.openmobilealliance.org/
[ERELDDM]	"Enabler Release Definition for OMA Device Management, version 1.2". Open Mobile Alliance™. OMA-ERELD-DM-V1_2. URL: http://www.openmobilealliance.org
[ERELDSCWS]	"Enabler Release Definition for Smartcard-Web-Server, version 1.1". Open Mobile Alliance™. OMA-ERELD-Smartcard_Web_Server-V1_1. URL: http://www.openmobilealliance.org
[IOPPROC]	"OMA Interoperability Policy and Process", Version 1.7, Open Mobile Alliance™, OMA-IOP-Process-V1_7, URL: http://www.openmobilealliance.org
[RFC2119]	"Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997, URL: http://www.ietf.org/rfc/rfc2119.txt

2.2 Informative References

[OMADICT]	"Dictionary for OMA Specifications", Version x.y, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_7, URL:http://www.openmobilealliance.org/

3. Terminology and Conventions

3.1 Conventions

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

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

The formal notation convention used in sections 7 and 8 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [IOPPROC].

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

DM_SC	Device Management Smart Card
ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
OMA	Open Mobile Alliance
SCWS	Smart Card Web-Server

4. Release Version Overview

This section is informative. It describes the functionality that is delivered with the OMA Device Management Smart Card specification and their internal mandatory requirements.

4.1 Version 1.0 Functionality

OMA DM_SC 1.0 makes use of OMA DM v1.2 features such as the protocol and notification mechanism, and OMA SCWS v1.1 as the transport bearer between the device and the smartcard.

5. Document Listing for OMA Device Management Smart Card 1.0

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[DMSCRD]	OMA-RD-DM_SC-V1_0-20100427-C	Requirement Document for OMA Device Management Smart Card 1.0 Enabler
Architecture Document		
[DMSCAD]	OMA-AD-DM_SC-V1_0-20100427-C	Architecture Document for OMA Device Management Smart Card 1.0 Enabler
Technical Specifications		
[DMSCTS]	OMA-TS-DM_SC-V1_0-20100427-C	Technical Specification for OMA Device Management Smart Card 1.0 Enabler

Table 1: Listing of Documents in OMA Device Management Smart Card 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 OMA DM_SC – Client Requirements

This section is normative.

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

Table 2: ERDEF for OMA DM_SC Smart Card Client-side Requirements

8. ERDEF for OMA DM_SC – Server (Smart Card) Requirements

This section is normative.

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

Table 3: ERDEF for OMA DM_SC Smart Card Server-side (Smart Card) Requirements

Appendix A.   Change History   (Informative)

A.1   Approved Version History

Reference	Date	Description
n/a	n/a	No prior version

A.2   Draft/Candidate V1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ERELD-DM_SC-V1_0	19 May 2009	All	Incorporation of base-line: OMA-DM-SC-2009-0003-INP_ERELD_baseline_proposal
Candidate Version OMA-ERELD-DM_SC-V1_0	n/a	n/a	n/a
Draft Versions : OMA-ERELD-DM_SC-V1_0	17 Jul 2009	5	Updated Document Listing
	27 Jul 2009	5	Updated Document Listing
	24 Sep 2009	5	Changes to OMA-RD-DM_SC-V1_0 Document Listing updated to reflect this
Candidate Version OMA-ERELD-DM_SC-V1_0	13 Oct 2009	n/a	Status changed to Candidate by TP TP ref# OMA-TP-2009-0451- INP_DM_Smart_Card_V1.0_RD_for_Candidate_re_approval
Draft Version : OMA-ERELD-DM_SC-V1_0	29 Oct 2009	5	Addition of OMA-AD-DM_SC-V1_0 to the Document Listing
Candidate Version : OMA-ERELD-DM_SC-V1_0	17 Nov 2009	n/a	Status changed to Candidate by TP TP ref# OMA-TP-2009-0517- INP_DM_Smart_Card_V1.0_AD_for_Candidate_Approval
Draft Versions : OMA-ERELD-DM_SC-V1_0	13 Jan 2010	5	Restoration of OMA-TS-DM_SC-V1_0 in the Document Listing Changes to OMA-AD-DM_SC-V1_0 Document Listing updated to reflect this
	04 Feb 2010	5	Changes to OMA-TS-DM_SC-V1_0 Document Listing updated to reflect this
	06 Apr 2010	5	Changes to OMA-TS-DM_SC-V1_0 and OMA-RD-DM_SC-V1_0 Document Listing updated to reflect this
Candidate Version : OMA-ERELD-DM_SC-V1_0	27 Apr 2010	n/a	Status changed to Candidate by TP TP ref# OMA-TP-2010-0190R01- INP_DM_Smart_Card_V1_0_ERP_for_Candidate_Approval