Enabler Release Definition for OMA Device Management Smart Card

Approved Version 1.0 – 30 Oct 2012

Open Mobile Alliance
OMA-ERELD-DM_SC-V1_0-20121030-A
Contents

1. SCOPE ................................................................................................................................................................................ 4
2. REFERENCES .................................................................................................................................................................. 5
   2.1 NORMATIVE REFERENCES .......................................................................................................................................... 5
   2.2 INFORMATIVE REFERENCES ....................................................................................................................................... 5
3. TERMINOLOGY AND CONVENTIONS ...................................................................................................................... 6
   3.1 CONVENTIONS ............................................................................................................................................................. 6
   3.2 DEFINITIONS ................................................................................................................................................................ 6
   3.3 ABBREVIATIONS .......................................................................................................................................................... 6
4. RELEASE VERSION OVERVIEW ................................................................................................................................ 7
   4.1 VERSION 1.0 FUNCTIONALITY .................................................................................................................................... 7
5. DOCUMENT LISTING FOR OMA DEVICE MANAGEMENT SMART CARD 1.0 ................................................................. 8
6. CONFORMANCE REQUIREMENTS NOTATION DETAILS ................................................................................................. 9
7. ERDEF FOR OMA DM_SC – CLIENT REQUIREMENTS ................................................................................................ 10
8. ERDEF FOR OMA DM_SC – SERVER (SMART CARD) REQUIREMENTS ............................................................................ 11
APPENDIX A. CHANGE HISTORY (INFORMATIVE) ........................................................................................................... 12
   A.1 APPROVED VERSION HISTORY .................................................................................................................................. 12

Tables

Table 1: Listing of Documents in OMA Device Management Smart Card 1.0 Enabler ..................................................... 8
Table 2: ERDEF for OMA DM_SC Smart Card Client-side Requirements ........................................................................ 10
Table 3: ERDEF for OMA DM_SC Smart Card Server-side (Smart Card) Requirements ............................................. 11
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


2.2 Informative References

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.

<table>
<thead>
<tr>
<th>Doc Ref</th>
<th>Permanent Document Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[DMSCRD]</td>
<td>OMA-RD-DM_SC-V1_0-20121030-A</td>
<td>Requirement Document for OMA Device Management Smart Card 1.0 Enabler</td>
</tr>
<tr>
<td>[DMSCAD]</td>
<td>OMA-AD-DM_SC-V1_0-20121030-A</td>
<td>Architecture Document for OMA Device Management Smart Card 1.0 Enabler</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Feature / Application</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMA-ERDEF-DM_SC-C-001-M</td>
<td>DM_SC Client</td>
<td>TBD</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Feature / Application</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMA-ERDEF-DM_SC-S-001-M</td>
<td>DM_SC Server</td>
<td>TBD</td>
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</table>

Table 3: ERDEF for OMA DM_SC Smart Card Server-side (Smart Card) Requirements
Appendix A. Change History (Informative)

A.1 Approved Version History

<table>
<thead>
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<td>OMA-ERELD-DM_SC-V1_0-20121030-A</td>
<td>30 Oct 2012</td>
<td>Approved by TP &lt;Ref TP Doc# OMA-TP-2012-0380-INP_DM_Smart_Card_V1_0_ERP_for_Final_Approval&gt;</td>
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