Enabler Release Definition for KPIinOMA Enabler

Approved Version 1.0 – 31 Jul 2012

Open Mobile Alliance

OMA-ERELD-KPIinOMA-V1_0-20120731-A

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1. Scope

The scope of this document is limited to the Enabler Release Definition of KPIinOMA (Key Performance Indicator for OMA Enablers) 1.0 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

[KPIinOMA-RD] "Key Performance Indicator for OMA Enablers Requirements", Open Mobile Alliance™, OMA-RD-KPIinOMA-V1_0, URL:http://www.openmobilealliance.org/

[KPIinOMA-AD] "Key Performance Indicator for OMA Enablers Architecture", Open Mobile Alliance™, OMA-AD-KPIinOMA-V1_0, URL:http://www.openmobilealliance.org/

[KPIinOMA-TS] "Key Performance Indicator for OMA Enablers Technical Specification", Open Mobile Alliance™, OMA-TS-KPIinOMA-V1_0, URL:http://www.openmobilealliance.org/

[KPIinOMA-DDS-CAB] "KPI Data Object for KPIinOMA-Enabled CAB Instance", Open Mobile Alliance™, OMA-DDS-KPIinOMA_KPI_CAB-V1_0, 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

[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.
Key Performance Indicator	See definition in [KPIinOMA-RD]
KPIinOMA-enabled Instance	See definition in [KPIinOMA-RD]
Minimum Functionality Description	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.
Operational Environment	See definition in [KPIinOMA-RD]
Performance Measurement	See definition in [KPIinOMA-RD]

3.3 Abbreviations

ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
KPI	Key Performance Indicator
KPIinOMA	Key Performance Indicators in OMA
OE	Operational Environment
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority

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4. Release Version Overview

Key Performance Indicators in OMA (KPIinOMA) aims to create standard KPI framework and KPI definitions for OMA Enablers.

4.1 Version 1.0 Functionality

The KPIinOMA enabler V1.0 aims to define the following aspects:

- Key Performance Information framework: mechanism to request and report Performance Measurement from OMA service enablers to Operational Environments.
- Key Performance Information definition: Performance Measurement that enablers should report according to the KPI definition

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5. Document Listing for KPIinOMA 1.0 Enabler

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[KPIinOMA-RD]	OMA-RD-KPIinOMA-V1_0-20120731-A	Requirement Document for KPIinOMA Enabler
Architecture Document		
[KPIinOMA-AD]	OMA-AD-KPIinOMA-V1_0-20120731-A	Architecture Document for KPIinOMA Enabler
Technical Specifications		
[KPIinOMA-TS]	OMA-TS-KPIinOMA-V1_0-20120731-A	Technical Specification for KPIinOMA Enabler
[KPIinOMA-DDS-CAB]	OMA-DDS-KPIinOMA_KPI_CAB-V1_0-20120731-A	Data object definition for CAB KPI
Supporting Files		
[KPIinOMA-XSD_messages]	OMA-SUP-XSD_KPIinOMA_messages-V1_0-20120731-A	This schema describes the structure and data types for Key Performance Indicators in OMA Working file in Schema directory: file: KPIinOMA_messages-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles

Table 1: Listing of Documents in KPIinOMA 1.0 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 KPlinOMA 1.0 – KPlinOMA-enabled Instance Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-KPlinOMA-C-001-<<M/O>>	KPlinOMA-enabled Instance	

Table 2: ERDEF for KPlinOMA 1.0 KPlinOMA-enabled Instance Requirements

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9. ERDEF for KPIinOMA 1.0 – OE Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF- KPIinOMA –S-001-<<M/O>>	Operational Environment	

Table 3: ERDEF for KPIinOMA 1.0 OE Requirements

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Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
OMA-ERELD-KPIinOMA-V1_0-20120731-A	31 Jul 2012	Status changed to Approved by TP Ref TP Doc# OMA-TP-2012-0288-INP_KPIinOMA_V1_0_for_Final_Approval

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