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Reference Release Definition for Presence SIMPLE Data Extensions

Candidate Version 1.2 – 31 Aug 2010

Open Mobile Alliance
OMA-RRELD-Presence_Data_Ext-V1_2-20100831-C

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1. Scope

The scope of this document is limited to the Reference Release Definition of the Presence SIMPLE Data Extensions (PDE) version 1.2 according to OMA Release process and the Reference Release document baseline listed in section 5.

2. References

[PAL_RD]	"Presence Access Layer Requirements", Open Mobile Alliance™, OMA-RD-PAL-V1_0, URL:http://www.openmobilealliance.org/
[PDE_DDS_PAL_V1_0]	"Presence Access Layer Data Specification", Version 1.0, Open Mobile Alliance™, OMA-DDS-PAL_Data_Ext_V1_0, URL: http://www.openmobilealliance.org/
[PDE_DDS_V2_1]	"Presence SIMPLE Data Specification", Version 2.1, Open Mobile Alliance™, OMA-DDS-Presence_Data_Ext-V2_1, URL: http://www.openmobilealliance.org/
[PRS_DDS-V1_0]	"Presence SIMPLE Data Specification", Version 1.0, Open Mobile Alliance™, OMA-DDS-Presence_SIMPLE-V1_0, URL: http://www.openmobilealliance.org/
[PRS_ERP-V1_1]	"Presence SIMPLE", Version 1.1, Open Mobile Alliance™, OMA-ERP-Presence_SIMPLE-V1_1, URL: http://www.openmobilealliance.org/
[PRS_RD]	"Presence SIMPLE Requirements", Version 2.0, Open Mobile Alliance™, OMA-RD-Presence_SIMPLE-V2_0, URL: http://www.openmobilealliance.org/
[XML_prHasOptedInForService]	"PDE – PAL Rule hasOptedInForService", Version 1.0, Open Mobile Alliance™, OMA-SUP-XML_pde_prHasOptedInForService-V1_0, URL: http://www.openmobilealliance.org/
[XML_prIsAvailable]	"PDE – PAL Rule isAvailable", Version 1.0, Open Mobile Alliance™, OMA-SUP-XML_pde_prIsAvailable-V1_0, URL: http://www.openmobilealliance.org/
[XML_prIsContactable]	"PDE – PAL Rule isContactable", Version 1.0, Open Mobile Alliance™, OMA-SUP-XML_pde_prIsContactable-V1_0, URL: http://www.openmobilealliance.org/
[XSD_palBasePolicy]	"PDE – PAL Policy Definitions", Version 1.0, Open Mobile Alliance™, OMA-SUP-XSD_pde_palBasePolicy-V1_0, URL: http://www.openmobilealliance.org/
[XSD_pidfExt_V1_0]	"PDE - PIDF Extensions", Version 1.0, Open Mobile Alliance™, OMA-SUP-XSD_pde_pidf_ext-V1_0, URL: http://www.openmobilealliance.org/
[XSD_pidfExt_V1_1]	"PDE - PIDF Extensions", Version 1.1, Open Mobile Alliance™, OMA-SUP-XSD_pde_pidf_ext-V1_1, URL: http://www.openmobilealliance.org/
[XSD_pidfOMA]	"PIDF OMA Extensions", Version 1.0, Open Mobile Alliance™, OMA-SUP-XSD_prs_pidf_omapres-V1_0, URL: http://www.openmobilealliance.org/

3. Terminology and Conventions

3.1 Conventions

All sections and appendixes are informative.

3.2 Definitions

PAL Policy	Use definition from [PAL_RD].
PAL Rule	Use definition from [PAL_RD].
Presence Information	Use definition from [PRS_RD].
Presence Information Element	Use definition from [PRS_RD].
Reference Release	A set of specifications and/or white papers which form a formal deliverable of OMA. The release can be referenced or otherwise used to support implementable enabler releases, but it cannot by itself be implemented in products.
Reference Release Definition	A definition of the documents included in a Reference Release.

3.3 Abbreviations

IETF	Internet Engineering Task Force
OMA	Open Mobile Alliance
PAL	Presence Access Layer
PDE	Presence SIMPLE Data Extensions
PIDF	Presence Information Data Format
RRELD	Reference Release Definition
SIMPLE	SIP for Instant Messaging and Presence Leveraging Extensions

4. Release Version Overview

The OMA Presence SIMPLE enabler [PRS_ERP-V1_1] includes definitions of the mapping of Presence Information to the presence data model components and also to specific elements of PIDF or one of its IETF extensions [PRS_DDS-V1_0]. In case such a mapping is not possible because elements with similar semantics have not been defined in IETF, then OMA-specific extensions to PIDF are defined.

This Reference Release defines further Presence Information extensions and their mapping to the presence data model components and PIDF extensions either defined in IETF or OMA.

4.1   Version 1.0 Functionality

This version of the Reference Release specifies new Presence Information Elements (e.g. Application-specific media capabilities, Application-specific session information for automatic or manual answer mode) and it recommends using certain set of Presence Information for some commonly known communication means or services.

4.2   Version 1.1 Functionality

This version of the Reference Release specifies a new Presence Information Element (i.e. labelled link).

4.3   Version 1.2 Functionality

This version of the Reference Release incorporates the concepts defined in the PAL 1.0 enabler (e.g., Presence Aspect).

5. Document Listing for OMA Presence SIMPLE Data Extensions

Doc Ref	Permanent Document Reference	Description
Requirement Document		
N/A	N/A	N/A
Data Specification		
[PDE_DDS_V2_1]	OMA-DDS-Presence_Data_Ext-V2_1-20100720-A	Presence SIMPLE Data Specification
[PDE_DDS_PAL_V1_0]	OMA-DDS-PAL_Data_Ext-V1_0-20100831-C	Presence Access Layer Data Specification
Supporting Files		
[XSD_pidfExt_V1_1]	OMA-SUP-XSD_pde_pidf_ext-V1_1-20100720-A	Schema with attributes for PIDF extensions Working file in schema directory: file: pde_pidf_ext-v1_1.xsd path: http://www.openmobilealliance.org/tech/profiles/
[XSD_pidfExt_V1_0]	OMA-SUP-XSD_pde_pidf_ext-V1_0-20090929-A	Schema with attributes for PIDF extensions Working file in schema directory: file: pde_pidf_ext-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/
[XSD_pidfOMA]	OMA-SUP-XSD_prs_pidf_omapres-V1_0_3-20090929-A	Schema with attributes for PIDF extensions. Working file in schema directory: file: prs_pidf_omapres-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/
[XSD_palBasePolicy]	OMA-SUP-XSD_pde_palBasePolicy-V1_0-20100831-C	Schema with attributes for PAL Policy definitions. Working file in schema directory: file: pde_palBasePolicy-v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/
[XML_prHasOptedInForService]	OMA-SUP-XML_pde_prHasOptedInForService-V1_0-20100831-C	Abstract process definition for PAL Rule 'hasOptedInForService'. Working file in schema directory: file: pde_prHasOptedInForService-v1_0.xml path: http://www.openmobilealliance.org/tech/profiles/
[XML_prIsAvailable]	OMA-SUP-XML_pde_prIsAvailable-V1_0-20100831-C	Abstract process definition for PAL Rule 'isAvailable'. Working file in schema directory: file: pde_prIsAvailable-v1_0.xml path: http://www.openmobilealliance.org/tech/profiles/
[XML_prIsContactable]	OMA-SUP-XML_pde_prIsContactable-V1_0-20100831-C	Abstract process definition for PAL Rule 'isContactable'. Working file in schema directory: file: pde_prIsContactable-v1_0.xml path: http://www.openmobilealliance.org/tech/profiles/

Table 1: Listing of documents in OMA Presence SIMPLE Data Extensions Reference Release

Appendix A.   Change History   (Informative)

A.1   Approved Version History

Reference	Date	Description
N/A	N/A	No prior 1.2 version

A.2   Draft/Candidate Version 1.2 History

Document Identifier	Date	Sections	Description
Draft versions OMA-RRELD-Presence_Data_Ext-V1_2	01 Apr 2010	N/A	Baseline (used OMA-RRELD-Presence_Data_Ext-V1_1-20100309-C)
	27 May 2010	2, 5	Editorial clean up of formats by DSO Update of list of documents.
	04 Aug 2010	2, 3, 5	Update as agreed in "OMA-COM-PRS-2010-0112-INP_PDE_V1_2_RRELD_UpdateDocList"
Candidate version OMA-RRELD-Presence_Data_Ext-V1_2	31 Aug 2010	N/A	Status changed to Candidate by TP TP ref # OMA-TP-2010-0379-INP_PDE_V1_2_RRP_package_for_Candidate_Approval