



Enabler Release Definition for Parlay Service Access

Candidate Version 1.0 – 19 May 2009

Open Mobile Alliance
OMA-ERELD-PSA-V1_0-20090519-C

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1. Scope

The scope of this document is limited to the Enabler Release Definition of PSA according to OMA Release process and the Enabler Release specification baseline listed in section 5.

2. References

2.1 Normative 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/)
- [PSA AD] “Parlay Service Access Architecture”, Open Mobile Alliance™, OMA-AD-Parlay_Service_Access-V1_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [PSA RD] “Parlay Service Access Requirements”, Open Mobile Alliance™, OMA-RD-Parlay_Service_Access-V1_0, [URL:http://www.openmobilealliance.org/](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](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/](http://www.openmobilealliance.org/)

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 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

3GPP	3 rd Generation Partnership Project
API	Application Programming Interface
ASP	Application Service Provider
ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
ISV	Independent Software Vendor
IT	Information Technology
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
PSA	Parlay Service Access

4. Release Version Overview

The aim of OMA Parlay Service Access (PSA) is to address (per OMA processes) those 3GPP Release 8 requirements for which no technical work has been done in 3GPP and for which the responsibility of defining the resulting solution specification has been moved to OMA ARC WG.

Open standardised APIs can be used to provide the glue between (IT) applications and telecom network functionality via secure, measured, and billable interfaces, making the applications implementing the services independent from the underlying network technology. By releasing developers from underlying networks and environments, such open APIs to access network services expands the possible set of applications and allows network function owner to change implementations without changing applications. The Parlay APIs and Web Services may be used to promote easier access to and exploitation of both Parlay Service Capabilities and OMA enablers in the global developer community.

4.1 Version 1.0 Functionality

The PSA V1.0 introduced following functionalities:

- Privacy on Subscriber Identity
- Topology Hiding
- Subscriber event notification
- Event notification
- Access policy
- API usage accounting
- Service identification

5. Document Listing for PSA

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[PSA_RD]	OMA-RD-Parlay_Service_Access-V1_0-20090317-C	Requirement Document for PSA Enabler
Architecture Document		
[PSA_AD]	OMA-AD-Parlay_Service_Access-V1_0-20090519-C	Architecture Document for PSA Enabler
Technical Specifications		
Supporting Files		

Table 1: Listing of Documents in PSA Enabler

6. OMNA Considerations

<< This section is to be used to describe any OMNA items included in the release. This would include, among others:

- Usage of OMA-based Uniform Resource Names (URNs) (including those used as namespace identifiers in Schemas)
- AppiDs for Application Characteristics (AC)
- Managed Object (MO) information for the MO registry
- ISO Object IDs
- PUSH Application Ids
- WAP Wireless Session Protocol (WSP) Content Types
- Presence <service-description> assignments
- Uniform Resource Identifier (URI)-List Registered Usage Names (for XDM)

The format of this section will be left up to the release owners to account for the particular needs they may run into. It should be clear from the written material, though, as to the set of OMNA items needed.

If a new OMNA registry is needed to support the release - clearly this should have been worked with the REL Committee before submitting a Release Document. Failure to do so may result in delays as the required tables are worked up and made publicly available. Another risk is that the table desired is not supported by OMNA (is not a registry type table) and the group will need to re-think how they intend to resolve their needs.

Through the normal development process the OMNA entries or support registries should be accommodated. This should not be trigger to remove the linkage from this section. Thus, if an entry is added to OMNA after the initial Candidate version described the need - the material should stay in this section. It may be useful in subsequent releases to add some text to indicate that the needed items have been accommodated (e.g. add a comment regarding its availability or support as appropriate).

If the release has absolutely no OMNA items to be accommodated - then it should indicate that explicitly with a short description (e.g. this release does not have any OMNA items for handling). This determination probably can not be made until the end of the development phases and editors are encouraged to keep this advisory in place until the Consistency Review.

DELETE THIS COMMENT >>

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 PSA - Client Requirements

This section is normative.

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

Table 2: ERDEF for PSA Client-side Requirements

9. ERDEF for PSA - Server Requirements

This section is normative.

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

Table 3: ERDEF for PSA Server-side Requirements

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version –or- No previous version within OMA

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ERELED-PSA-V1_0-	17 Oct 2008	All	Initial draft baseline of the PSA ERELD
	5 Nov 2008	5	Update doc reference for PSA RD
	20 Feb 2009	4, 4.1, 5	Update doc with new approved RD text, and reference for PSA AD, updated references. Editorial fixes: 2009 copyright References sorted alphabetically Comment deleted from App A and Section 2 History table fixed Contents page updated
Candidate version: OMA-ERELED-PSA-V1_0	17 Mar 2009	All	Status changed to Candidate by TP: OMA-TP-2009-0105-INP_PSA_V1_0_RD_for_Candidate_Approval
Draft versions: OMA-ERELED-PSA-V1_0	31 Mar 2009	2.2, 4.1	Update doc as requested by ADRR and AI PSA-2009-A006
	22 Apr 2009	All	Fixed the document history by adding the Candidate Version
Candidate version: OMA-ERELED-PSA-V1_0	19 May 2009	All	Status changed to Candidate by TP: OMA-TP-2009-0194-INP_PSA_V1_0_AD_for_Candidate_Approval