



Reference Release Definition for Parlay Service Access

Approved Version 1.0 – 27 Apr 2010

Open Mobile Alliance
OMA-RRELD-PSA-V1_0-20100427-A

Use of this document is subject to all of the terms and conditions of the Use Agreement located at <http://www.openmobilealliance.org/UseAgreement.html>.

Unless this document is clearly designated as an approved specification, this document is a work in process, is not an approved Open Mobile Alliance™ specification, and is subject to revision or removal without notice.

You may use this document or any part of the document for internal or educational purposes only, provided you do not modify, edit or take out of context the information in this document in any manner. Information contained in this document may be used, at your sole risk, for any purposes. You may not use this document in any other manner without the prior written permission of the Open Mobile Alliance. The Open Mobile Alliance authorizes you to copy this document, provided that you retain all copyright and other proprietary notices contained in the original materials on any copies of the materials and that you comply strictly with these terms. This copyright permission does not constitute an endorsement of the products or services. The Open Mobile Alliance assumes no responsibility for errors or omissions in this document.

Each Open Mobile Alliance member has agreed to use reasonable endeavors to inform the Open Mobile Alliance in a timely manner of Essential IPR as it becomes aware that the Essential IPR is related to the prepared or published specification. However, the members do not have an obligation to conduct IPR searches. The declared Essential IPR is publicly available to members and non-members of the Open Mobile Alliance and may be found on the “OMA IPR Declarations” list at <http://www.openmobilealliance.org/ipr.html>. The Open Mobile Alliance has not conducted an independent IPR review of this document and the information contained herein, and makes no representations or warranties regarding third party IPR, including without limitation patents, copyrights or trade secret rights. This document may contain inventions for which you must obtain licenses from third parties before making, using or selling the inventions. Defined terms above are set forth in the schedule to the Open Mobile Alliance Application Form.

NO REPRESENTATIONS OR WARRANTIES (WHETHER EXPRESS OR IMPLIED) ARE MADE BY THE OPEN MOBILE ALLIANCE OR ANY OPEN MOBILE ALLIANCE MEMBER OR ITS AFFILIATES REGARDING ANY OF THE IPR'S REPRESENTED ON THE “OMA IPR DECLARATIONS” LIST, INCLUDING, BUT NOT LIMITED TO THE ACCURACY, COMPLETENESS, VALIDITY OR RELEVANCE OF THE INFORMATION OR WHETHER OR NOT SUCH RIGHTS ARE ESSENTIAL OR NON-ESSENTIAL.

THE OPEN MOBILE ALLIANCE IS NOT LIABLE FOR AND HEREBY DISCLAIMS ANY DIRECT, INDIRECT, PUNITIVE, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF DOCUMENTS AND THE INFORMATION CONTAINED IN THE DOCUMENTS.

© 2010 Open Mobile Alliance Ltd. All Rights Reserved.

Used with the permission of the Open Mobile Alliance Ltd. under the terms set forth above.

Contents

- 1. SCOPE4
- 2. REFERENCES5
 - 2.1 NORMATIVE REFERENCES.....5
 - 2.2 INFORMATIVE REFERENCES.....6
- 3. TERMINOLOGY AND CONVENTIONS7
 - 3.1 CONVENTIONS.....7
 - 3.2 DEFINITIONS.....7
 - 3.3 ABBREVIATIONS.....7
- 4. RELEASE VERSION OVERVIEW8
 - 4.1 VERSION 1.0 FUNCTIONALITY8
- 5. DOCUMENT LISTING FOR PSA9
- 6. OMNA CONSIDERATIONS11
- APPENDIX A. CHANGE HISTORY (INFORMATIVE).....12
 - A.1 APPROVED VERSION HISTORY12

Tables

- Table 1: Listing of Documents in PSA Enabler10

1. Scope

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

2. References

2.1 Normative References

- [3GPP TS 29.199-01] “Open Service Access (OSA); Parlay X web services; Part 1: Common”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-02] “Open Service Access (OSA); Parlay X web services; Part 2: Third party call”, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-03] “Open Service Access (OSA); Parlay X web services; Part 3: Call notification”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-04] “Open Service Access (OSA); Parlay X web services; Part 4: Short messaging”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-05] “Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-06] “Open Service Access (OSA); Parlay X web services; Part 6: Payment”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-07] “Open Service Access (OSA); Parlay X web services; Part 7: Account management”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-08] “Open Service Access (OSA); Parlay X web services; Part 8: Terminal status”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-09] “Open Service Access (OSA); Parlay X web services; Part 9: Terminal location”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-10] “Open Service Access (OSA); Parlay X web services; Part 10: Call handling”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-11] “Open Service Access (OSA); Parlay X web services; Part 11: Audio call”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-12] “Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-13] “Open Service Access (OSA); Parlay X web services; Part 13: Address list management”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-14] “Open Service Access (OSA); Parlay X web services; Part 14: Presence”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-15] “Open Service Access (OSA); Parlay X web services; Part 15: Message broadcast”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-16] “Open Service Access (OSA); Parlay X web services; Part 16: Geocoding”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-17] “Open Service Access (OSA); Parlay X web services; Part 17: Application-driven Quality of Service (QoS)”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-18] “Open Service Access (OSA); Parlay X web services; Part 18: Device capabilities and configuration”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-19] “Open Service Access (OSA); Parlay X web services; Part 19: Multimedia streaming control”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-20] “Open Service Access (OSA); Parlay X web services; Part 20: Multimedia multicast session management”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [3GPP TS 29.199-21] “Open Service Access (OSA); Parlay X web services; Part 21: Content management”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>

- [3GPP TS 29.199-22] “Open Service Access (OSA); Parlay X web services; Part 22: Policy”, Release 8, Third Generation Partnership Project, URL: <http://www.3gpp.org/ftp/Specs/html-info/29-series.htm>
- [OMADICT] “Dictionary for OMA Specifications”, Version 2.7, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_7, URL: <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/>
- [PSA RD] “Parlay Service Access Requirements”, Open Mobile Alliance™, OMA-RD-Parlay_Service_Access-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>

2.2 Informative References

N/A

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” and "Release Version Overview" are normative, unless they are explicitly indicated to be informative.

3.2 Definitions

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 that are included in a Reference Release.

3.3 Abbreviations

3GPP	3 rd Generation Partnership Project
API	Application Programming Interface
RRELD	Reference Release Definition
IT	Information Technology
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
PSA	Parlay Service Access
WSDL	Web Services Definition Language

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_0-20100427-A	Requirement Document for PSA Enabler
Architecture Document		
[PSA AD]	OMA-AD-Parlay_Service_Access-V1_0-20100427-A	Architecture Document for PSA Enabler
Technical Specifications		
[3GPP TS 29.199-01]	3GPP TS 29.199-01 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 1: Common”, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-02]	3GPP TS 29.199-02 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 2: Third party call”, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-03]	3GPP TS 29.199-03 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 3: Call notification“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-04]	3GPP TS 29.199-04 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 4: Short messaging“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-05]	3GPP TS 29.199-05 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 5: Multimedia messaging“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-06]	3GPP TS 29.199-06 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 6: Payment“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-07]	3GPP TS 29.199-07 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 7: Account management“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-08]	3GPP TS 29.199-08 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 8: Terminal status“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-09]	3GPP TS 29.199-09 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 9: Terminal location“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-10]	3GPP TS 29.199-10 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 10: Call handling“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-11]	3GPP TS 29.199-11 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 11: Audio call“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-12]	3GPP TS 29.199-12 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 12: Multimedia conference“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-13]	3GPP TS 29.199-13 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 13: Address list management“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-14]	3GPP TS 29.199-14 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 14: Presence“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-15]	3GPP TS 29.199-15 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 15: Message broadcast“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm

[3GPP TS 29.199-16]	3GPP TS 29.199-16 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 16: Geocoding“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-17]	3GPP TS 29.199-17 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 17: Application-driven Quality of Service (QoS)“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-18]	3GPP TS 29.199-18 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 18: Device capabilities and configuration“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-19]	3GPP TS 29.199-19 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 19: Multimedia streaming control“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-20]	3GPP TS 29.199-20 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 20: Multimedia multicast session management“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-21]	3GPP TS 29.199-21 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 21: Content management“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm
[3GPP TS 29.199-22]	3GPP TS 29.199-22 Rel. 8	“Open Service Access (OSA); Parlay X web services; Part 22: Policy“, URL: http://www.3gpp.org/ftp/Specs/html-info/29-series.htm

Table 1: Listing of Documents in PSA Enabler

Note: The set of Parlay X Technical Specifications [3GPP TS 29.199-01] to [3GPP TS 29.199-22] is published and maintained by 3GPP. The technical content has been produced in OMA for the PSA Reference Release. The set includes the WSDL definitions for the suite of Parlay X Web Services.

6. OMNA Considerations

There are no OMNA considerations in this release.

Appendix A. Change History

(Informative)

A.1 Approved Version History

Reference	Date	Description
OMA-RRELD-PSA-V1_0	27 Apr 2010	Approved by TP: OMA-TP-2010-0132R02-INP_PSA_V1_0_RRP_for_Final_Approval