



Reference Release Definition for OMA Global Service Architecture (OGSA)

Candidate Version 1.0 – 26 Jan 2010

Open Mobile Alliance
OMA-RRELD-OGSA-V1_0-20100126-C

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.....5
- 3. TERMINOLOGY AND CONVENTIONS6
 - 3.1 CONVENTIONS.....6
 - 3.2 DEFINITIONS.....6
 - 3.3 ABBREVIATIONS.....6
- 4. RELEASE VERSION OVERVIEW7
 - 4.1 VERSION 1.0 FUNCTIONALITY7
- 5. DOCUMENT LISTING FOR OGSA8
- APPENDIX A. CHANGE HISTORY (INFORMATIVE).....9
 - A.1 APPROVED VERSION HISTORY9
 - A.2 DRAFT/CANDIDATE VERSION 1.0 HISTORY9

Tables

- Table 1: Listing of Documents in OGSA Reference Release.....8

1. Scope

The scope of this document is limited to the Reference Release Definition of OMA Global Service Architecture (OGSA) V1.0 according to OMA Release process and the Reference Release document baseline listed in section 5.

2. References

2.1 Normative References

- [OGSA_AD] “OMA Global Service Architecture”, Open Mobile Alliance™, OMA-AD-Global_Service_Architecture-V1_0-D, URL:<http://www.openmobilealliance.org/>
- [OMADICT] “Dictionary for OMA Specifications”, Version x.y, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_7, URL:<http://www.openmobilealliance.org/>
- [OSE] “OMA Service Environment”, Open Mobile Alliance™, 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

<Intentionally empty>

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

OGSA Suite	An arbitrary grouping of enablers as a cataloguing or representational convention.
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

OGSA	OMA Global Service Architecture
OMA	Open Mobile Alliance
OSE	OMA Service Environment
RRELD	Reference Release Definition

4. Release Version Overview

This document describes the OMA Global Service Architecture (OGSA), which is an overall architectural view of OMA enablers leveraging OSE (OMA Service Environment). The scope of the OSE is to promote common architectural principles for how OMA Enablers are specified and how they interact with one another whilst ensuring architecture integrity, scalability and interoperability. The main scope of OGSA is to support new (and/or revised) enabler specifications clarifying how they fit into the current OMA landscape and how they may be used to support services.

4.1 Version 1.0 Functionality

Version 1.0 of OGSA contains a description of the following OGSA Suites: Person-to-person communications, Access to content, Service access, Device enabling, Network access and Supporting enablers.

Version 1.0 of OGSA contains an architectural view of the following OMA enablers:

- Policy Evaluation, Enforcement, and Management
- Dynamic Content Delivery
- XML Document Management
- Charging
- Categorization based Content Screening

5. Document Listing for OGSA

This section is normative.

Doc Ref	Permanent Document Reference	Description
Architecture Document		
[OGSA_OD]	OMA-OD-Global_Service_Architecture-20100126-C	Overview Document for OGSA Reference Package

Table 1: Listing of Documents in OGSA Reference Release

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-RRELD-OGSA-V1_0	13 Nov 2008	All	Initial draft baseline of the OGSA ERELD
	01 Feb 2009	All	Editorial cleanup
	10 Feb 2009	All	Editorial fixes: 2009 copyright Cover page History box
	03 Apr 2009	4.1	Added “Categorization based Content Screening” see OMA-ARC-OGSA-2009-0029-CR_addCBCS (agreed during OGSA-25Mar2009_CC)
	23 Sept 2009	3.2, 4.1, 5	Updates required following the AD review: <ul style="list-style-type: none"> Replace Domains with Suites Remove enablers for which the architectural view is no longer included Reference the OGSA white paper in stead of the OGSA AD
	16 Dec 2009		Updates required following the consistency review and agreement on the Overview Template <ul style="list-style-type: none"> Remove enablers for which the architectural view is no longer included (Presence) Reference the OGSA OD in stead of the OGSA white paper
	06 Jan 2010	All	Editorial change: 2010 template
Candidate Version: OMA-RRELD-OGSA-V1_0	26 Jan 2010	All	Status changed to Candidate by TP OMA-TP-2010-0005R01- INP_OGSA_V1_0_RRP_for_Candidate_Approva