



Reference Release Definition for IMPS 1.3 Implementation Guidelines

Candidate Version 1.0 – 05 May 2009

Open Mobile Alliance
OMA-RRELD-IMPS-V1_3-IMPL-V1_0-20090505-C

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1. Scope

The scope of this document is limited to the Reference Release Definition of IMPS 1.3 Implementation Guidelines according to OMA Release process and the Reference Release document baseline listed in section 5.

2. References

2.1 Normative References

- [OMAIMPS13] OMA Instant Messaging and Presence Service, Version 1.3, Open Mobile Alliance™, URL: <http://www.openmobilealliance.org/>
- [OMAIMPSIG] OMA IMPS 1.3 Implementation Guidelines, Version 1.0, 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

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.6, Open Mobile Alliance™, OMA-ORG-Dictionary- V2_6, URL: <http://www.openmobilealliance.org/>

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

IM	Instant messaging
IMPS	Instant Messaging and Presence Service
MSISDN	Mobile Station International Subscriber Directory Number
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
RRELD	Reference Release Definition

4. Release Version Overview

IMPS 1.3 Implementation Guidelines provide common and actual practices currently implemented and deployed of IMPS 1.3 [OMAIMPS13]. The benefits of IMPS 1.3 Implementation Guidelines include the description of common solutions to recurring requirements, smoother interactions between clients and servers from different vendors based on a common set of practices, avoidance of a multiplicity of custom-based solutions and in general, improvements to IM services.

4.1 Version 1.0 Functionality

Version 1.0 of IMPS 1.3 Implementation Guidelines [OMAIMPSIG] includes the following features:

- Auto-registration procedure
- Terms of Use procedure
- Internationalization support before client capability negotiation procedure
- Server verification of user's MSISDN
- Credential retrieval
- Recommendations about multi-sessions
- Presence attributes and user account list synchronization for multi-sessions
- CLIENT-ID format
- Contact lists usage and suggested contact list names
- Procedure for File sharing
- Presence attribute interpretation
- Indication of idle state
- Rich formatting of plain text
- Nudging
- Indication of typing alert
- Recommendations for group communication
- Handling of SMS users
- Service provider community indication
- Optimized CIR usage
- Standalone SMS CIR compatibility
- Advice of charge
- Account inquiry
- Handling of large contact lists

5. Document Listing for IMPS 1.3 Implementation Guidelines

This section is normative.

Doc Ref	Permanent Document Reference	Description
White Paper		
[IMPS_IG]	OMA-WP-IMPS_V1_3_IMPL-20090505-C	White paper that provides informative technical information regarding IMPS 1.3 Implementation Guidelines.

Table 1: Listing of Documents in IMPS 1.3 Implementation Guidelines Reference Release

6. OMNA Considerations

None.

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version

A.2 Draft Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions	02 July 2008	All	Initial version incorporating base contribution
OMA-RRELD-IMPS-V1_3-IMPL-V1_0	09 Apr 2009	5	Updated Document Listing
Candidate Versions	05 May 2009	All	Status changed to Candidate by TP: OMA-TP-2009-0172- INP_IMPS_V1_IMPL_RRP_for_Candidate_Approval