Enabler Release Definition for Location in SIP/IP core

Candidate Version 1.0 – 14 Nov 2011

Open Mobile Alliance

OMA-ERELD-LOCSIP-V1_0-20111114-C

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1. Scope

The scope of this document is limited to the Enabler Release Definition of Location in SIP/IP core according to OMA Release process and the Enabler Release specification baseline listed in section 5.

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2. References

2.1 Normative References

[RFC2119] "Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997, URL: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/

[LOCSIP_RD] "Location in SIP/IP core Requirements", Version 1.0, Open Mobile Alliance™, OMA-RD-LOCSIP-V1_0URL:http://www.openmobilealliance.org/

[LOCSIP_AD] "Location in SIP/IP core Architecture", Version 1.0, Open Mobile Alliance™, OMA-AD-LOCSIP-V1_0 URL:http://www.openmobilealliance.org/

[LOCSIP_TS] "Location in SIP/IP core Specification", Version 1.0, Open Mobile Alliance™, OMA-TS-LOCSIP-V1_0 URL:http://www.openmobilealliance.org/

2.2 Informative References

[OMADICT] "Dictionary for OMA Specifications", Version 2.8, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_8, URL:http://www.openmobilealliance.org/

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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

ERDEF	Enabler Requirement Definition
ERELD	Enabler Release Definition
LOCSIP	Location in SIP/IP Core
OMA	Open Mobile Alliance

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4. Release Version Overview

The Location Service in SIP/IP core network (LOCSIP) provides mechanisms to expose location information to Location Clients that reside in terminals or in Application Servers connected to a SIP/IP core network. The location information may be utilized by the applications to enhance the services provide and thereby giving an enriched end user experience. Examples of services that may utilize location information are Presence and PoC.

4.1 Version 1.0 Functionality

LOCSIP V1.0 enables a Location Client to subscribe to location information from a Location Server. The subscription may include filters defining temporal or spatial criteria for when location information shall be delivered. The subscription may also include a list of targets either as a resource list included in the subscription or as a reference to resource list stored in Shared List XDMS.

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5. Document Listing for LOCSIP

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[LOCSIP_RD]	OMA-RD-LOCSIP-V1_0-20100803-C	Requirement Document for LOCSIP Enabler
Architecture Document		
[LOCSIP_AD]	OMA-AD-LOCSIP-V1_0-20100803-C	Architecture Document for LOCSIP Enabler
Technical Specifications		
[LOCSIP_TS]	OMA-TS-LOCSIP-V1_0-20111114-D	Technical Specification Document for LOCSIP Enabler
Supporting Files		
[LOCSIP_Filter]	OMA-SUP-XSD_locsip_filter-V1_0-20100803-C	
[LOCSIP_QoS]	OMA-SUP-XSD_locsip_qos-V1_0-20090818-C	
[LOCSIP_ gpmpem1outputext]	OMA-SUP-XSD_locsip_gpmpem1outputext-V1_0-20100803-C	
[LOCSIP_ gbakeyid]	OMA-SUP-XSD_locsip_gbakeyid-V1_0-20100803-C	
[LOCGEOPOLICY]	OMA-SUP-XSD_locsip_geolocation_policy-V1_0-20100803-C	A copy of IETF schema for geolocation policy. Working file in Schema directory: file: locsip_geolocation_policy_v1_0.xsd path: http://www.openmobilealliance.org/tech/profiles/

Table 1: Listing of Documents in LOCSIP Enabler

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6. OMNA Considerations

A new GBA Ua Security Protocol Identifier needs to be defined by OMNA.

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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.

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8. ERDEF for LOCSIP - Client Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-LOCSIP-C-001-M	LOCSIP Client function	LOCSIP-TS-MCF

Table 2: ERDEF for LOCSIP Client-side Requirements

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9. ERDEF for LOCSIP - Server Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-LOCSIP-S-001-M	LOCSIP Server function	LOCSIP-TS-MSF

Table 3: ERDEF for LOCSIP Server-side Requirements

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Appendix A. Change History (Informative)

A.1 Approved Version History

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

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ERELD-LOCSIP-V1_0	8 Feb 2008	--	Initial draft
	13 Jun 2008	5	Update of dates after REQ RD review
Candidate Version OMA-ERELD-LOCSIP-V1_0	27 Jun 2008	n/a	Status changed to Candidate by TP TP ref#: OMA-TP-2008-0260-INP_LOCSIP_v1_0_RD_for_Candidate_Approval
Draft Versions OMA-ERELD-LOCSIP-V1_0	18 Nov 2008	4.1, 5, 6	Update of dates in sec 5 Added description of Ver 1.0 function Added sec 6, OMNA Considerations to align with latest template.
Candidate Version OMA-ERELD-LOCSIP-V1_0	23 Dec 2008	n/a	Status changed to Candidate by TP TP ref#: OMA-TP-2008-0484-INP_LOCSIP_AD_Package_for_Candidate_Approval
Draft Versions OMA-ERELD-LOCSIP-V1_0	17 Feb 2009	2.1, 5, 6, 8, 9	Applied agreed CR: OMA-LOC-2009-0030-CR_LOCSIP_ERELD_OMNA_Requirements
	26 Feb 2009	5	Update of document list
	05 May 2009	3.3, 4	Implemented editorial comments from Consistency Review.
	29 Jul 2009	5	Update of latest versions
Candidate Version OMA-ERELD-LOCSIP-V1_0	18 Aug 2009	n/a	TP approval: OMA-TP-2009-0356-INP_LOCSIP_1.0_ERP_for_Candidate_approval
Draft Versions OMA-ERELD-LOCSIP-V1_0	29 Oct 2009	5	CR incorporated: OMA-LOC-2009-0256R01
	16 Jul 2010	5	Updated document listing
Candidate Version OMA-ERELD-LOCSIP-V1_0	03 Aug 2010	n/a	TP approval: OMA-TP-2010-0326-INP_LOCSIP_1.0_ERP_for_Candidate_reapproval
Draft Versions OMA-ERELD-LOCSIP-V1_0	22 Nov 2010	5	Updated document listing
Candidate Version OMA-ERELD-LOCSIP-V1_0	25 Nov 2010	n/a	TP approval: OMA-TP-2010-0505-INP_LOCSIP_1.0_ERP_for_notification
Draft Versions OMA-ERELD-LOCSIP-V1_0	14 Nov 2011	5	Updated document listing
Candidate Version OMA-ERELD-LOCSIP-V1_0	14 Nov 2011	n/a	TP approval: OMA-TP-2011-0407-INP_LOCSIP_1.0_ERP_for_notification

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