![OMA Open Mobile Alliance logo]

Enabler Release Definition for

Next Generation Service Interfaces

Candidate Version 1.0 – 18 Sep 2009

Open Mobile Alliance

OMA-ERELD-NGSI-V1_0-20090918-C

© 2009 Open Mobile Alliance Ltd. All Rights Reserved.

Used with the permission of the Open Mobile Alliance Ltd. under the terms as stated in this document. [OMA-Template-ERELD-20090101-I]

Contents

Tables

1. Scope

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

2. References

2.1 Normative References

[NGSI RD]	"Next Generation Service Interfaces Requirements", Open Mobile Alliance™, OMA-RD-NGSI-V1_0, URL:http://www.openmobilealliance.org/
[NGSI AD]	"Next Generation Service Interfaces Requirements Architecture", Open Mobile Alliance™, OMA-AD-NGSI-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
[SCRRULES]	"SCR Rules and Procedures", Open Mobile Alliance™, OMA-ORG-SCR_Rules_and_Procedures, URL:http://www.openmobilealliance.org/

2.2 Informative References

[OMADICT]	"Dictionary for OMA Specifications", Version 2.7, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_7, 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", "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
NGSI	Next Generation Service Interfaces
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority

4. Release Version Overview

The aim of OMA NGSI v1.0 is to create a next generation service interfaces collection with the focus set to personal communication service extensions including access to external media/data storage or social services. The focus of the NGSI v1.0 is the standardization of new functional APIs essential to the extensions of personalized communication services from the 3rd Party Service Access point of view. In order to allow for advanced service creation based on multiple services/enablers, interface functionalities for identity federation and related obligations as well as management for the composition of services allowing for dynamic service mash-up are included. The focus is not limited to mobile networks only.

4.1   Version 1.0 Functionality

The NGSI Version 1.0 introduces the following functionalities:

- Call enhancements,

- Identity control and federation,

- Preference handling,

- Enhanced conferencing,

- Multimedia list handling,

- Service data handling, especially for contact information and group information

- Service recommendation management,

- Context management,

- Group list management, and

- Management of composed services.

5. Document Listing for NGSI

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[NGSI_RD]	OMA-RD-NGSI-V1_0-20090918-C	Requirement Document for NGSI Enabler
Architecture Document		
[NGSI_AD]	OMA-AD-NGSI-V1_0-20090721-D	Architecture Document for NGSI Enabler
Technical Specifications		
Supporting Files		

Table 1: Listing of Documents in NGSI 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 NGSI - Client Requirements

This section is normative.

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

Table 2: ERDEF for NGSI Client-side Requirements

9. ERDEF for NGSI - Server Requirements

This section is normative.

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

Table 3: ERDEF for NGSI 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-NGSI-V1_0	30 April 2009		Baseline document
OMA-ERELD-NGSI-V1_0	21 July 2009	Sction 2, 3, 4, 5	Updated according to the RD progress
	23 July 2009	Section 2.2	Editorial
OMA-ERELD-NGSI-V1_0	26 Aug 2009	Section 5	Updated the section 5 Editorial
OMA-ERELD-NGSI-V1_0	02 Sep 2009	Section 5	Updated the section 5
Candidate Version OMA-ERELD-NGSI-V1_0	18 Sep 2009	N/A	Status changed to Candidate by TP ref # OMA-TP-2009-0407R01-INP_NGSI_V1_0_RD_for_Candidate_Approval