Enabler Release Definition for

RESTful Network API for Presence

Candidate Version 1.0 – 13 Mar 2012

Open Mobile Alliance

OMA-ERELD-REST_NetAPI_Presence–V1_0-20120313-C
1. Scope

The scope of this document is limited to the Enabler Release Definition of the RESTful Network API for Presence (REST_NetAPI_Presence) version 1.0 according to OMA Release process and the Enabler Release specification baseline listed in section 5.
2. References

2.1 Normative References


2.2 Informative References

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 section 8 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.

3.3 Abbreviations

- **API**: Application Programming Interface
- **ERDEF**: Enabler Requirement Definition
- **ERELD**: Enabler Release Definition
- **HTTP**: HyperText Transfer Protocol
- **OMA**: Open Mobile Alliance
- **OMNA**: Open Mobile Naming Authority
- **REST**: Representational State Transfer
- **URL**: Uniform Resource Locator
- **URN**: Uniform Resource Name
- **XML**: Extensible Markup Language
4. Release Version Overview

The scope of this enabler release is to specify a RESTful Network API for Presence using an HTTP protocol binding.

4.1 Version 1.0 Functionality

The RESTful Network API for Presence defines REST protocol bindings.
5. Document Listing for RESTful Network API for Presence

This section is normative. As the RESTful Network API for Presence is a so-called Fast Track enabler release, no separate Requirements Document and Architecture Document deliverables are produced.

<table>
<thead>
<tr>
<th>Doc Ref</th>
<th>Permanent Document Reference</th>
<th>Description</th>
</tr>
</thead>
</table>

Supporting Files

<table>
<thead>
<tr>
<th>Doc Ref</th>
<th>Permanent Document Reference</th>
<th>Description</th>
</tr>
</thead>
</table>

Table 1: Listing of Documents in the RESTful Network API for Presence V1.0 Enabler
6. OMNA Considerations

The REST_NetAPI_Presence enabler introduces the following namespaces.

Note that in order to maintain compatibility between minor versions of the same major version, only the major version is reflected in the namespace identifier. Further note that subsequent minor versions of the same XML schema (e.g. 1.1) will be registered against the same namespace identifier.

<table>
<thead>
<tr>
<th>Description</th>
<th>Registered URN</th>
<th>Schema Links</th>
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</table>

Table 2: OMNA Namespaces
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 REST_NetAPI_Presence

This section is normative.

<table>
<thead>
<tr>
<th>Item</th>
<th>Feature / Application</th>
<th>Requirement</th>
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</table>

Table 3: ERDEF for the RESTful Network API for Presence V 1.0
Appendix A. Change History

A.1 Approved Version History

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A.2 Draft/Candidate Version 1.0 History

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<td>Draft Versions:</td>
<td>24 May 2011</td>
<td>All</td>
<td>Initial draft baseline document</td>
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<tr>
<td>OMA-ERELD-REST_NetAPI_Presence-V1_0</td>
<td>29 Jun 2011</td>
<td>5, A.2</td>
<td>Corrected errors in regard to the Draft/Candidate version, as per AI REST-NetAPI-2011-A072</td>
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<td>30 Jun 2011</td>
<td>Contents</td>
<td>Editorial change; updated list of Contents</td>
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<td></td>
<td>22 Feb 2012</td>
<td>5</td>
<td>Updated permanent document references for Presence TS and XSD documents.</td>
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