

Source: Aepona, Alcatel, BT, Ericsson, IBM, Incomit, KPN, Lucent Technologies, Orange, SBC, Siemens, Telcordia, Telenor, TIM

Title: 3GPP and OMA Web Services Specifications

Document for: Discussion

Agenda Item: 4 (Items for immediate consideration)

Introduction

The purpose of this document is to re-enforce the statements made in SP-040630, the liaison statement from CN5 on the completion of the 3GPP specifications in the area of Web Services. These specifications represent market driven requirements from the 3GPP community offering carrier grade access to network resources, allowing the community of web developers to offer revenue-generating services to mobile users.

3GPP had already identified this area as an overlap activity with the Open Mobile Alliance (see SP-040487) and with the completion of the work, it is important to communicate this information to OMA in order to avoid fragmentation or competing specifications in the same area.

The authors of this contribution recommend that 3GPP and OMA agree on high level statements regarding the harmonisation of the Web Service interfaces for the capabilities that are common to 3GPP and OMA. Specifically, it should be requested that OMA should undertake a review of the capabilities offered and, where appropriate, use this 3GPP specifications as a basis for their work, ideally making references to them instead of re-creating Web Services capabilities that fulfil the same functionality.

Proposal

The supporting companies co-signing this contribution propose the companion contribution as an initial draft of the liaison statement for SA to consider.

Title: [DRAFT] LS on <title>
Response to:
Release: [OPTIONAL] Release (or multiple releases) to which the LS relates
Work Item: [OPTIONAL] Work Item(s) to which the LS relates (use name not WID Code)

Source: 3GPP
To: OMA MWS, OMA LOC, OMA PAG, OMA MCC, OMA MWG
Cc: OMA TP

Contact Person:
Name:
Tel. Number:
E-mail Address:

Attachments: DocNumber(s) [Description i.e. Draft TS 29.414 v0.1.0]. !! WARNING !! Do not insert the file directly as an **object** in this word document.

1. Overall Description:

3GPP would like to inform OMA and its working groups about the availability of Rel6 3GPP specifications in the area of Web Services. These specifications have been the result of work in Open Services Access (OSA) by CN5: as part of Rel6, CN5 has specified web service interfaces for existing OSA functionality, called Parlay X Web Services. This work has been jointly done between 3GPP, ETSI and Parlay, and a harmonised specification exists amongst these organisations. In the interest of ensuring that multiple diverging standards are not produced, 3GPP-SA kindly asks OMA to review the set of capabilities offered to ensure that no overlap of work is commenced without the full engagement of 3GPP, in particular 3GPP-CN5.

2. The Parlay X Web Services:

The Parlay X web services are based on market driven requirements from the mobile community of 3GPP operators, service providers and equipment vendors, offering carrier grade access to network resources, allowing the community of web developers to offer revenue-generating services to mobile users. These web services are WS-I compliant and fit into the OMA MWS OWSER 1.0 as well as the OMA Service Environment.

The set of Web Services in 3GPP TS 29.199-01 to 14 include:

- Common Data Types
- Third Party Call
- Call Notification
- Call Handling
- Multimedia Conference
- Short Messaging
- Multimedia Messaging
- Terminal Status
- Terminal Location
- Payment
- Account Management
- Address List Management
- Presence

All Web Services are defined using WSDL based on a style guide that is already an agreed OMA deliverable.

3. Relevance to OMA:

The following Web Services may be related to current activities within OMA:

Parlay X Web Service	Applicable OMA Working Group
Common Data Types	OMA Mobile Web Services (MWS)
Short Messaging	OMA Messaging Work Group (MWG)
Multimedia Messaging	OMA Messaging Work Group (MWG)
Terminal Status	OMA Messaging Work Group (MWG)
Terminal Location	OMA Location
Payment	OMA Mobile Commerce and Charging (MCC)
Address List Management	OMA Presence and Availability Group (PAG)
Presence	OMA Presence and Availability Group (PAG)

The other services (Call Control related and Account Management) are not yet part of OMA activities. Account Management may come in scope of additional Mobile Commerce and Charging (MCC) work.

3GPP believes one of the key assets of the OSA is having a single set of APIs for the whole developer community, and based on this principle has worked in cooperation with other organizations in the OSA specifications available today are fully aligned 3GPP, ETSI and 3GPP2 standards. 3GPP would like to extend this cooperation to the new Web Services specifications in 3GPP TS 29.199-01 to 14, and ensure that no diverging work is done in OMA.

4. Actions:

ACTION:

To OMA MWS group.

- Review the functionalities offered through entire Parlay X in particular the common data types, commenting appropriately on the applicability in OMA.

To OMA MWG group.

- Review the functionalities offered through the Parlay X capabilities of Short Messaging, Multimedia Messaging and Terminal Status and to comment on plans for web services in similar areas.

To OMA PAG group:

- Review the functionalities offered through the Parlay X capability of Address List Management and Presence and to comment on plans for web services in similar areas.

To OMA MCC group:

- Review the functionalities offered through the Parlay X capability of Payment and comment on plans for web services in similar areas (it is acknowledged that the landscape report and the gap analysis document of OMA MCC captures such information, but this request is specifically in a web service context).

To OMA LOC group:

- Review the functionalities offered through the Parlay X capability of Terminal Location and to comment on plans for web services in similar areas

5. Date of Next SA Meetings:

TITLE	TYPE	DATES	LOCATION	CTRY
3GPPSA-26	WG			