LIAISON STATEMENT

Title:*	OMA API and exposure of 3GPP Network Capabilities to oneM2M
Source:*	oneM2M TP
Date:*	2015-11-13
To:*	OMA ARC WG
Copy to:	
In response to:	Exposure of Network Capabilities to M2M (date: 14 July 2015)
Send replies to:*	replies to this LS should be sent to oneM2M_liaison@list.onem2m.org
List of attachments:	n/a

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1 Overview

In July oneM2M received a LS from OMA ARC WG on "Exposure of Network Capabilities to M2M" in which OMA informed on creation and approval of a new Work Item, "ENCap-M2M". OMA ARC WG requested to get informed on related work in oneM2M.

Meanwhile oneM2M had also agreed on a WI-0037 "Interworking with 3GPP Rel-13 MTC features" which is intended to be finalized in the oneM2M Release 2 timeframe (mid 2016). Work on the WI has already started.

oneM2M foresees 3 different scenarios for interworking with 3GPP:

1. Direct interworking with 3GPP (Exclusive Support through 3GPP Reference Points)
2. Interworking with 3GPP using the OMA API (Exclusive Support through OMA API)
3. A combination of the above (Hybrid Mode)

The following 3GPP network capabilities as specified in 3GPP TS 23.682 are expected to become accessible to oneM2M:

a) Configuring Communication Patterns

b) Configuring Session QoS

c) Configuring Session Sponsorship (Starting and stopping sponsorship at session start up and during the session)

d) Background Data Transfer (Requesting a Time Window, Identifying the Selected Time Window)

e) Monitoring (Configuring a Monitoring Event, Deleting a Monitoring Event, Receiving a Monitoring Report)

f) Support for High Latency Communication

g) Mobile Core Network Issue Reports (Requesting Reports, Receiving Reports, Stopping Reports)

h) Triggering (Requesting, Recalling, and Replacing)

i) Group Messaging (via MBMS)

It would be beneficial if related work in OMA and oneM2M could be aligned (e.g. regarding handling of parameters exchanged with the 3GPP network…) in order to achieve a solution that satisfies both, OMA and oneM2M with a minimum of overlapping/duplicated work.

2 Requested Action

oneM2M would like to use the opportunity of the upcoming meeting in San Diego to jointly discuss with OMA respective work on 3GPP interworking.

3 Next Meeting Dates

TP 21	San Diego, CA	2016-01-18 - 2016-01-22
TP 22	Europe	2016-03-14 - 2016-03-18
TP 23	South Korea	2016-05-16 - 2016-05-20

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