LIAISON STATEMENT

Title:*	Reply LS to 3GPP on Northbound SCEF API standardisation
Source:*	oneM2M TP
Date:*	2017-02-17
To:*	3GPP SA, 3GPP SA2
Copy to:	3GPP SA1, 3GPP CT, 3GPP CT3, GSMA, OMA ARC.
In response to:	3GPP SA Liaison Statement on Northbound SCEF API standardisation 09 December 2016, oneM2M document TP-2017-0016
Send replies to:*	replies to this LS should be sent to oneM2M_liaison@list.onem2m.org
List of attachments:	n/a

Template Version:23 February 2015 (Dot not modify)

1   Overview

oneM2M would like to thank 3GPP for their Liaison Statement (SP-160952) on SCEF northbound API standardisation and appreciates the SA Plenary agreement to allow 3GPP to standardise the northbound APIs.

Interworking with underlying networks is a high priority for oneM2M, and 3GPP's standardisation of the Northbound SCEF APIs will go a long way in helping us to achieve this objective. oneM2M plans to leverage the 3GPP provided APIs in our 3rd release.

To support 3GPP's efforts, oneM2M is currently conducting both bottom-up and top-down exercises in parallel to deliver a coherent set of requirements. The bottom-up approach looks only at leveraging the existing functionality found in 3GPP TS 23.682, while the top-down approach identifies oneM2M service layer functions that could be optimized with support from the underlying network.

All the identified issues and requirements are being captured in respective Sections 8.*.3 Key Issues and Requirements of **oneM2M TR-0024 "3GPP Interworking"**, available at

http://ftp.onem2m.org/Work%20Programme/WI-0037/

oneM2M would like to draw 3GPP's attention to the fact that oneM2M TR-0024 is a living, working document that will continue to be updated, so 3GPP is invited to regularly check the latest version of this document. We will also continue to periodically liaise with 3GPP when we have significant updates to oneM2M TR-0024 to report.

It is important to note, however, that oneM2M TR-0024 is purely contribution driven, and neither the presence/ absence of a given topic, nor the level of detail provided should be assumed to indicate prioritisation by oneM2M. It is simply what is completed and agreed at this point in time.

As we believe that oneM2M TR-0024 is an important input to the 3GPP SA2 work, oneM2M would like to have an opportunity to present the document at the next 3GPP SA2 meeting.

At the time of writing, in addition to existing APIs such as Device Triggering and Traffic Patterns, oneM2M has determined the need for the following additional APIs:

- 8.5   Support for Group Messaging

- 8.7   Control Plane Data Delivery (NIDD)

- 8.8   Monitoring event (UE reachability)

- 8.9   Monitoring event (Location Reporting)

In addition to the APIs, oneM2M would like to draw 3GPP SA2 and 3GPP CT3's attention to the urgent clarifications needed regarding the issues listed under sections 8.*.3.3 of oneM2M TR-0024. In addition to helping us advance our work, these issues/clarifications may indicate missing functionality requiring 3GPP SA2's attention.

2   Requested Action

oneM2M TP respectfully requests 3GPP SA:

- To incorporate the information above into their planning and provide SA2 and CT3 with guidelines as they see fit.

oneM2M TP respectfully requests 3GPP SA2:

- to refer to the specific sections of the oneM2M TR-0024 for our detailed requirements

- to provide clarifications on the issues listed in 8.*.3 sections of oneM2M TR-0024

- to investigate fulfilling the above requirements

- to indicate if 3GPP SA2 would like a oneM2M representative to present/discuss oneM2M TR-0024 at a convenient occasion, e.g. SA2 meeting in Busan, conference call.

3   Next Meeting Dates

oneM2M TP 28   March 27-30, 2017 – Sophia Antipolis, France

oneM2M TP 29   May 22-26, 2017 – China

oneM2M TP 30   July 10-14, 2017 - USA