LIAISON STATEMENT

Title:	LwM2M v1.1 Release Approval	☒ Public	☐ Confidential LS[1]

Date: 28 Jun 2018

To: 3GPP SA, 3GPP RAN, 3GPP CT, AIOTI, BBF, Eclipse, ETSI, ETSI SmartM2M, Fairhair Alliance, GCF, Global Platform, GSMA, ITU-T, IETF, IETF IoT Directorate, IETF Core, IIC, LoRA Alliance, OGC, OCF, OMS, oneM2M, Thread, TTA, W3C, WBA, WFA, Zigbee Alliance

Source: DMSE WG of the Open Mobile Alliance

Send Replies to: DMSE WG, OMA-LIAISON@mail.openmobilealliance.org

Contact(s): Padmakumar Subramani, NOKIA, Chair DMSE WG, PADMAKUMAR.SUBRAMANI@nokia.com
Hannes Tschofenig, ARM, Vice Chair DMSE WG, hannes.tschofenig@arm.com

Attachments: n/a

1   Overview

This liaison is provided to announce the Approval of the Lightweight Machine 2 Machine version 1.1 (LwM2M v1.1) specifications. The Device Management and Service Enablement Working Group at OMASpecWorks would like to raise awareness as well as encourage incorporation of the v1.1 specifications in your work. The goal of the LwM2M v1.1 specifications is to provide benefit across the industry for device management as well as for service enablement.

2   Proposal

LwM2M v1.1 is in approved status, which means it is ready for further test fests and interop events. The public distribution is available in the OMASpecWorks website,

http://openmobilealliance.org/release/LightweightM2M/.
http://openmobilealliance.org/release/ObjLwM2M_ACL/   - OMA LwM2M Access Control
http://openmobilealliance.org/release/ObjLwM2M_Conn_Mon/ - OMA LwM2M Connectivity Monitoring
http://openmobilealliance.org/release/ObjLwM2M_Conn_Stat/ - OMA LwM2M Connectivity Statistics
http://openmobilealliance.org/release/ObjLwM2M_Device/   - OMA LwM2M Device
http://openmobilealliance.org/release/ObjLwM2M_Firmware/   - OMA LwM2M Firmware
http://openmobilealliance.org/release/ObjLwM2M_Location/   - OMA LwM2M Location
http://openmobilealliance.org/release/ObjLwM2M_OSCORE/   - OMA LwM2M OSCORE
http://openmobilealliance.org/release/ObjLwM2M_Security/   - OMA LwM2M Security
http://openmobilealliance.org/release/ObjLwM2M_Server/   - OMA LwM2M Server

LwM2M v1.0 works over UDP and SMS transport bindings using CoAP. The OMASpecWorks DMSE WG coordinates very closely with the IETF Core WG which is responsible for the standardization activities for CoAP. LwM2M v1.1 was enhanced to also work over TCP and non-IP transport bindings (3GPP CIoT and LoRaWAN).

---

[1] If the "Confidential LS" box is selected, this liaison statement is intended to be Confidential per agreement by OMA and the addressed organization. Neither side should make this communication available to non-members.

3   Requested Action(s)

The OMASpecWorks DMSE WG encourages the addressed organizations to incorporate LwM2M v1.1 into the relevant IoT areas of Device Management and Service Enablement.

Organizations such as GSMA, oneM2M and OMASpecWorks IPSO WG have defined the necessary objects to enable multiple service needs on top of LwM2M. The OMA Naming Authority (OMNA) which is the object registry can be referred to for those objects http://www.openmobilealliance.org/wp/OMNA/LwM2M/LwM2MRegistry.html as well the LwM2M core objects.

4   Conclusion

OMASpecWorks would like to thank your organization for the consideration of this new version of the LwM2M specification.