

## LIGHTWEIGHTM2M CONNECTIVITY MONITORING OBJECT (4)

### RELEASE VERSION OVERVIEW

Version 1.0 Functionality

Version 1.0.1 Functionality

Version 1.0.2 Functionality

- \* Update to metadata information
- \* Update to:
  - \* Resource ID (2) description
  - \* Resource ID (3) description
  - \* Editorial updates

### DOCUMENT LISTING FOR SUP LightweightM2M Connectivity Monitoring Object V1.0.2

#### Publication Considerations

Doc Reference

- \* [LWM2M\_Connectivity\_Monitoring\_XML]

Permanent Document Reference:

- \* OMA-SUP-XML\_LWM2M\_Connectivity\_Monitoring-V1\_0\_2-20180612-A

Description:

- \* XML document for LightweightM2M Connectivity Monitoring Working file in LWM2M\_XML directory:
  - \* File: LWM2M\_Connectivity\_Monitoring-v1\_0\_2.xml
  - \* Path: <http://www.openmobilealliance.org/tech/profiles>

#### OMNA Considerations

The OMNA registry needs to add and maintain the following Objects:

- \* Object URN Identifier: urn:oma:lwm2m:oma:4
- \* Object Name: LwM2M Connectivity Monitoring
- \* Object Specification URL: OMA-TS-LightweightM2M-Core-V1-1-20180612-C
- \* Description: It enables monitoring of parameters related to network connectivity. In this general connectivity Object,

the

Resources are limited to the most general cases common to most network bearers. It is recommended to read

the

description, which refers to relevant standard development organizations (e.g. 3GPP, IEEE). The goal of the Connectivity Monitoring Object is to carry information reflecting the more up to date values of the current

connection

for monitoring purposes. Resources such as Link Quality, Radio Signal Strength, Cell ID are retrieved during

connected

mode at least for cellular networks.