

# **Enabler Release Definition for LwM2M EventLog**

Approved Version 1.0.1 - 16 Jun 2020

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**Open Mobile Alliance**  
OMA-ERELED-LWM2M\_EventLog-V1\_0\_1-20200616-A

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# 1. Scope

The scope of this document is limited to the Enabler Release Definition of LwM2M EventLog according to OMA Release process and the Enabler Release specification baseline listed in section 5.

## 2. References

### 2.1 Normative References

- [EventLog\_TS] “Lightweight M2M – Event Log”, Version 1.0, Open Mobile Alliance, OMA-TS-Lwm2M\_EventLog-V1\_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR\_Rules\_and\_Procedures, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

### 2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.9, Open Mobile Alliance™, OMA-ORG-Dictionary-V2\_9, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

## 3. Terminology and Conventions

### 3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, "Release Version Overview" and “Conformance Requirements Notation Details”, are normative, unless they are explicitly indicated to be informative.

The formal notation convention used in sections 7 and 8 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCRRULES].

### 3.2 Definitions

<b>Enabler Release</b>	Collection of specifications that combined together form an enabler for a service area, e.g. a download enabler, a browsing enabler, a messaging enabler, a location enabler, etc. The specifications that are forming an enabler should combined fulfil a number of related market requirements.
<b>Minimum Functionality Description</b>	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.

### 3.3 Abbreviations

<b>ERDEF</b>	Enabler Requirement Definition
<b>ERELD</b>	Enabler Release Definition
<b>OMA</b>	Open Mobile Alliance
<b>OMNA</b>	Open Mobile Naming Authority

## 4. Release Version Overview

The present Reference Release enables to transfer log information from a device to an LwM2M server.

### 4.1 Version 1.0 Functionality

V1.0 of the specification covers:

- (1) Communication of generic log information.

#### 4.1.1 Version 1.0.1 Functionality

## 5. Document Listing for LwM2M\_EventLog

This section is normative.

Doc Ref	Permanent Document Reference	Description
<b>Technical Specifications</b>		
[EventLog_TS]	OMA-TS-LWM2M_EventLog-V1_0_1-20200616-A	Technical Specification for LwM2M EventLog Object
<b>Supporting Files</b>		
[LwM2M_EventLog_XML]	OMA-SUP-XML_LWM2M_EventLog-V1_0_1-20200616-A	XML document for LightweightM2M EventLog Object Working file in LwM2M_XML directory: File: LwM2M_EventLog-v1_0_1.xml Path: <a href="http://www.openmobilealliance.org/tech/profiles">http://www.openmobilealliance.org/tech/profiles</a>

**Table 1: Listing of Documents in LwM2M\_EventLog**



## 6. OMNA Considerations

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

Object URN Identifier	Organization	Object Specification URL	Description
urn:oma:lwm2m:oma:20	OMA	OMA-TS-LWM2M_EventLog-V1_0_1, <a href="http://www.openmobilealliance.org/release/">http://www.openmobilealliance.org/release/</a>	EventLog

## 7. API Considerations

Not Applicable.

## Appendix A. Change History

(Informative)

### A.1 Approved Version History

Reference	Date	Description
OMA-ERELED-LwM2M_EventLog-V1_0-20180615-A	15 Jun 2018	Status changed to Approved by DM Doc Ref # OMA-DM&SE-2018-0060- INP_LWM2M_EventLog_V1_0_ERP_for_final_Approval
OMA-ERELED-LWM2M_EventLog-V1_0_1-20200616-A	16 Jun 2020	Status changed to Approved by DMSE WG DMSE WG Ref # OMA-DM&SE-2020-0020- INP_LwM2M_EventLog_V1_0_1_ERP_for_Final_Approval