



# Reference Release Definition for LWM2M\_LOCKWIPE

Approved Version: 1.0.3 - 2021-01-19

Open Mobile Alliance

OMA-RRELD-LWM2M\_LOCKWIPE-V1\_0\_3-20210119-A

main: 25 Jan 2021 15:51:00 rev: 6513d68

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# 1. Scope

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

## 2. References

### 2.1. Normative References

[LOCKWIPE_TS]	"Lightweight M2M – Lock and Wipe Object", Version 1.0, Open Mobile Alliance, OMA-TSLWM2M_LockWipe-V1_0, URL: <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[RFC2119]	"Key words for use in RFCs to Indicate Requirement Levels", S. Bradner, March 1997, URL: <a href="http://www.ietf.org/rfc/rfc2119.txt">http://www.ietf.org/rfc/rfc2119.txt</a>

Table: 2.1. -1 Normative References

### 2.2. Informative References

[OMADICT]	"Dictionary for OMA Specifications", Version 2.9, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_9, URL: <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
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Table: 2.2. -1 Informative References

## 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.

### 3.2. Definitions

<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.
<b>Reference Release</b>	A set of specifications and/or white papers which form a formal deliverable of OMA. The release can be referenced or otherwise used to support implementable enabler releases, but it cannot by itself be implemented in products.

Table: 3.2.-1 Definitions

### 3.3. Abbreviations

<b>LwM2M</b>	Lightweight Machine to Machine (refers to this OMA enabler)
<b>OMA</b>	Open Mobile Alliance
<b>OMNA</b>	Open Mobile Naming Authority
<b>RRELD</b>	Reference Release Definition

Table: 3.3.-1 Abbreviations

Kindly consult [OMADICT] for more abbreviations used in this document.

## 4. Release Version Overview

The present Reference Release enables remote “lock and wipe” functionality in M2M devices

### 4.1. Version 1.0 Functionality

Version 1.0 defines the following functions:

1. Lock the M2M device – partially or fully
2. Unlock the M2M device
3. Wipe the M2M device – partially or fully
4. Report the result of the above operations

### 4.2. Version 1.0.3 Functionality

This revision adds the optional elements "LWM2MVersion" and "ObjectVersion" to the Object Lock & Wipe.



## 5. Document Listing for LwM2M LOCKWIPE 1.0.3

This section is normative.

Doc Ref	Permanent Document Reference	Description
[LOCKWIPE_TS]	OMA-TS-LWM2M_LockWipeV1_0_2-20210119-A	Technical Sepcification for LwM2W LOCKWIPE
[LWM2M_LOCKWIPE_XML]	OMA-SUP-XML_LWM2M_LOCKWIPE-V1_0_3-20210119-A	XML document for LightweightM2M object lock and wipe Software Component Working file in LWM2M Registry: File: 8.xml Path: <a href="https://github.com/OpenMobileAlliance/lwm2m-registry">https://github.com/OpenMobileAlliance/lwm2m-registry</a>

Table: 5.-1 Listing of Documents in LWM2M LOCKWIPE 1.0

## 6. OMNA Considerations

The present Reference Release consists of a new LwM2M Object. This LwM2M Object will be registered with the OMNA LwM2M Object registry.

## 7. API Considerations

Not Applicable.

## Appendix A. Change History (Informative)

### A.1 Approved Version History

Reference	Date	Description
OMA-RRELD-LWM2M_LOCKWIPE-V1_0-20180615-A	15 Jun 2018	Status changed to Approved by DM Doc Ref # OMA-DMSE-2018-0059- INP_LWM2M_LOCKWIPE_V1_0_RRP_for_final_Approval
OMA-RRELD-LWM2M_LOCKWIPEV1_0_1-20181003-A	03 Oct 2018	Status changed to Approved by DM Doc Ref # OMA-DMSE-2018-0105- INP_LWM2M_LOCKWIPE_1_0_1_RRP_for_Approval_notification
OMA-RRELD-LWM2M_LOCKWIPEV1_0_2-20200616-A	16 Jun 2020	Status changed to Approved by DM Doc Ref # OMA-DMSE-2020-0016- INP_LwM2M_LOCKWIPE_V1_0_2_RRP_for_Final_Approval
OMA-RRELD-LWM2M_LOCKWIPE-V1_0_3-20210119-A	19 Jan 2021	Status changed to Approved by DM During DMSE conference call on 19 Jan 2021

Table: A.1-1 Approved Version History