



Reference Release Definition for LwM2M_LOCKWIPE

Candidate Version 1.0 – 01 Mar 2018

Open Mobile Alliance

OMA-RRELD-LWM2M_LOCKWIPE-V1_0-20180301-C

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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-TS-LWM2M_LockWipe-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)

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.

3.2 Definitions

Minimum Functionality Description	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.
Reference Release	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.

3.3 Abbreviations

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

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

5. Document Listing for LwM2M LOCKWIPE 1.0

This section is normative.

Doc Ref	Permanent Document Reference	Description
Technical Specification		
[LOCKWIPE_TS]	OMA-TS-LWM2M_LockWipe-V1_0-20180301-C	Technical Sepcification for LwM2W LOCKWIPE
[LWM2M_LOCKWIPE_XML]	OMA-SUP-XML_LWM2M_LOCKWIPE-V1_0-20180301-C	XML document for LightweightM2M object lock and wipe Software Component Working file in LWM2M_XML directory: File: LWM2M_LOCKWIPE-v1_0.xml Path: http://www.openmobilealliance.org/tech/profiles

Table 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
n/a	n/a	No prior version

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-RRELD-LWM2M_LOCKWIPE-V1_0	02 Oct 2014	all	Initial draft
	06 Feb 2015	5	Editorial update of permanent document references in section 5
Candidate Version OMA-RRELD-LWM2M_LOCKWIPE-V1_0	17 Feb 2015	All	Status changed to Candidate by TP TP Ref # OMA-TP-2015-0057- INP_LWM2M_LOCKWIPE_V1_0_RRP_for_Candidate_approval
Draft Version OMA-RRELD-LWM2M_LOCKWIPE-V1_0	20 Nov 2015	5	Editorial update of permanent document references in section 5
Candidate Version OMA-RRELD-LWM2M_LOCKWIPE-V1_0	23 Nov 2015	All	Status changed to Candidate by TP TP Ref # OMA-TP-2015-0201- INP_LWM2M_LOCKWIPE_V1_0_RRP_for_Notification
Candidate Version OMA-RRELD-LWM2M_LOCKWIPE-V1_0	01 Mar 2018	All	Status changed to Candidate by BoD Doc Ref # OMA-DM-2018-0018- INP_LWM2M_object_lock_and_wipe_V1_0_RRP_for_Candidate_rea pproval