



# **Enabler Release Definition for LwM2M BinaryAppDataCont**

Candidate Version 1.0 – 05 Dec 2017

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**Open Mobile Alliance**

OMA-ERELED-LWM2M\_BinaryAppDataCont-V1\_0-20171205-C

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# 1. Scope

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

## 2. References

### 2.1 Normative References

- [BinaryAppDataCont\_TS] “Lightweight M2M – Binary App Data Container”, Version 1.0, Open Mobile Alliance, OMA-TS-LWM2M\_BinaryAppDataContainer-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>BinaryAppDataCont</b>	Binary Application Data Container
<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 Application Data with the Lightweight M2M enabler in order to manage application service data on the device.

### 4.1 Version 1.0 Functionality

V1.0 of the specification covers:

- 1) the capability that the Lwm2m Client Reports Application Data
- 2) the capability that the Server sends an Application Data message to the Client

## 5. Document Listing for LwM2M BinaryAppDataCont 1.0

This section is normative.

Doc Ref	Permanent Document Reference	Description
<b>Technical Specifications</b>		
[BinaryAppDataCont_TS]	OMA-TS-LWM2M_BinaryAppDataContainer-V1_0-20171205-C	Technical Specification for LwM2M BinaryAppDataContainer Object
<b>Supporting Files</b>		
[LWM2M_BinaryAppDataContainer_XML]	OMA-SUP-LWM2M_BinaryAppDataContainer-V1_0-20171205-C	XML document for LightweightM2M BinaryAppDataContainer Object Working file in LWM2M_XML directory: File: LWM2M_BinaryAppDataContainer - v1_0.xml Path: <a href="http://www.openmobilealliance.org/tech/profiles">http://www.openmobilealliance.org/tech/profiles</a>

**Table 1: Listing of Documents in LwM2M BinaryAppDataCont 1.0**



## 6. OMNA Considerations

The present Reference Release consists in 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-ERELED- LWM2M_BinaryAppDataCont-V1_0	20 Oct 2017	All	First draft
	27 Nov 2017	5	Updated the document list prior to Candidate approval
Candidate Version OMA-ERELED- LWM2M_BinaryAppDataCont-V1_0	05 Dec 2017	n/a	Status changed to Candidate by TP TP Ref # OMA-TP-2017-0052-INP_LwM2M__APPDATA- V1_0_ERP_for_1st_Candidate_Approval