



OMA LwM2M Test Cases Survey

The OMA Device Management (DM) Working Group is asking for your input on the test cases represented in the OMA LwM2M ETS and tested during OMA TestFest events.

We would like to evaluate your opinion on the existing test cases and gather your suggestions if you think any test cases are missing from these testing events. The answers from this survey will help to determine which test cases will be tested during the next OMA TestFest event in May 2017 in North America. We will email you when registration for this TestFest event opens.

All answers are anonymous. This survey will take approximately 10 minutes.

* 1. Which TestFest Events Did You Participate In (Check All That Apply):

- Dusseldorf TestFest, January 2015
- San Diego TestFest, January 2016
- Singapore TestFest, October 2016
- None of the Above

* 2. Is Your Implementation a Client or a Server?

- Client
- Server
- We Test Both a Client and Server
- Not Applicable



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REGISTRATION INTERFACE

3. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-101 – Initial Registration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-102 – Registration Update	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-103 – Deregistration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-104 – Registration Update Trigger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-105 – Initial Registration to Bootstrap Server	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

DEVICE MANAGEMENT & SERVICE ENABLEMENT INTERFACE:

4. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-201 – Querying basic information in Plain Text format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-203 – Querying basic information in TLV format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-204 – Querying basic information in JSON format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-205 – Setting basic information in Plain Text format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-241 – Executable Resource: Rebooting the device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

INFORMATION REPORTING INTERFACE:

5. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-301 – Observation and Notification of parameter values	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-302 – Cancel Observations using Reset Operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-303 – Cancel Observations using Observe with Cancel parameter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

SECURITY:

6. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-401 – UDP Channel Security – Pre-shared Key Mode	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

SERVER OBJECT (ID 1):

7. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-551 – Querying the readable resources of object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-555 – Setting the writable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-560 – Observation and notification of observable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

LWM2M SERVER (ID 3):

8. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-651 – Querying the readable resources of object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-652 – Querying the firmware version from the client	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-655 – Setting the writable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-660 – Observation and notification of observable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

LWM2M CONNECTIVITY MONITORING (ID 4):

9. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-701 – Querying the readable resources of object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-710 – Observation and notification of observable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

FIRMWARE UPDATE OBJECT (ID 5):

10. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-751 – Querying the readable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-755 – Setting the writable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-760 – Observation and notification of observable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-770 – Successful Firmware update (via COAP)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-771 – Successful Firmware update (via alternative mechanism)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-772 – Error Case: firmware package not downloaded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-773 – Error Case: not enough storage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Interested in Testing at the next

TestFest

Test Case Should be Enhanced

Test Case Should be Removed

LightweightM2M-1.0-int-774 – Error Case: out of memory

LightweightM2M-1.0-int-775 – Error Case: Connection lost during download (package URI)

LightweightM2M-1.0-int-776 – Error Case: CRC check fail

LightweightM2M-1.0-int-777 – Error Case: unsupported package type

LightweightM2M-1.0-int-778 – Error Case: invalid URI (package URI)

LightweightM2M-1.0-int-779 – Error Case: Unsuccessful Firmware Update

What test cases are we missing in this group?

LOCATION OBJECT (ID 6):

11. Please evaluate the following test cases (select the best answer):

Interested in Testing at the next

TestFest

Test Case Should be Enhanced

Test Case Should be Removed

LightweightM2M-1.0-int-801 – Querying the readable resources of object

LightweightM2M-1.0-int-810 – Observation and notification of observable resources

What test cases are we missing in this group?

CONNECTIVITY STATISTICS (ID 7):

12. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-901 – Querying the readable resources of object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-910 – Observation and notification of observable resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?

CONNECTIVITY MANAGEMENT OBJECTS (ID 10, 11, 12, 13):

13. Please evaluate the following test cases (select the best answer):

	Interested in Testing at the next TestFest	Test Case Should be Enhanced	Test Case Should be Removed
LightweightM2M-1.0-int-1201 – APN configuration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LightweightM2M-1.0-int-1202 – Bearer Selection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What test cases are we missing in this group?