

OMA Test Cases for TestFest May 2017, Pittsburgh

MDS Technology Co. Server Results

Please select the test result for each Test Case Description below:

Answer Options	Pass	Fail	Incon- clusive	Not Applicable	Out of Time	Response Count
REGISTRATION INTERFACE						
LightweightM2M-1.0-int-101 - Initial Registration	8	0	0	0	0	8
LightweightM2M-1.0-int-102 - Registration Update	8	0	0	0	0	8
LightweightM2M-1.0-int-103 - Deregistration	7	0	0	1	0	8
LightweightM2M-1.0-int-104 - Registration Update Trigger	6	1	0	1	0	8
LightweightM2M-1.0-int-105 - Initial Registration to Bootstrap Server	3	0	0	4	0	7
DEVICE MANAGEMENT & SERVICE ENABLEMENT INTERFACE						
LightweightM2M-1.0-int-201 - Querying basic information in Plain Text format	8	0	0	0	0	8
LightweightM2M-1.0-int-203 - Querying basic information in TLV format	8	0	0	0	0	8
LightweightM2M-1.0-int-204 - Querying basic information in JSON format	4	0	0	4	0	8
LightweightM2M-1.0-int-205 - Setting basic information in Plain Text format	8	0	0	0	0	8
LightweightM2M-1.0-int-241 - Executable Resource: Rebooting the device	8	0	0	0	0	8
INFORMATION REPORTING INTERFACE						
LightweightM2M-1.0-int-301 - Observation and Notification of parameter values	8	0	0	0	0	8
LightweightM2M-1.0-int-302 - Cancel Observations using Reset Operation	6	1	0	1	0	8
LightweightM2M-1.0-int-303 - Cancel Observations using Observe with Cancel parameter	8	0	0	0	0	8
SECURITY						
LightweightM2M-1.0-int-401 - UDP Channel Security - Pre-shared Key Mode	5	0	0	3	0	8
SERVER OBJECT (ID 1)						
LightweightM2M-1.0-int-551 - Querying the readable resource of object	8	0	0	0	0	8
LightweightM2M-1.0-int-555 - Setting the writable resources	8	0	0	0	0	8
LightweightM2M-1.0-int-560 - Observation and notification of observable resources	8	0	0	0	0	8
LWM2M SERVER (ID 3)						
LightweightM2M-1.0-int-651 - Querying the readable resources of object	8	0	0	0	0	8
LightweightM2M-1.0-int-652 - Querying the firmware version from the client	8	0	0	0	0	8
LightweightM2M-1.0-int-655 - Setting the writable resources	7	0	0	1	0	8
LightweightM2M-1.0-int-660 - Observation and notification of observable resources	8	0	0	0	0	8
LWM2M CONNECTIVITY MONITORING (ID 4)						
LightweightM2M-1.0-int-701 - Querying the readable resources of object	5	0	0	3	0	8
LightweightM2M-1.0-int-710 - Observation and notification of observable resources	5	0	0	3	0	8
FIRMWARE UPDATE OBJECT (ID 5)						
LightweightM2M-1.0-int-751 - Querying the readable resources	7	0	0	1	0	8
LightweightM2M-1.0-int-755 - Setting the writable resources	7	0	0	1	0	8
LightweightM2M-1.0-int-760 - Observation and notification of observable resources	7	0	0	1	0	8
LightweightM2M-1.0-int-770 - Successful Firmware update (via COAP)	3	0	0	5	0	8
LightweightM2M-1.0-int-771 - Successful Firmware update (via alternative mechanism)	4	0	0	4	0	8
LightweightM2M-1.0-int-772 - Error Case: firmware package not downloaded	4	0	0	4	0	8
LightweightM2M-1.0-int-773 - Error Case: not enough storage	4	0	0	4	0	8

LightweightM2M-1.0-int-774 - Error Case: out of memory	3	0	0	5	0	8
LightweightM2M-1.0-int-775 - Error Case: Connection lost during download (package URI)	3	0	0	5	0	8
LightweightM2M-1.0-int-776 - Error Case: CRC check fail	4	0	0	4	0	8
LightweightM2M-1.0-int-777 - Error Case: unsupported package type	4	0	0	4	0	8
LightweightM2M-1.0-int-778 - Error Case: invalid URI (package URI)	4	0	0	4	0	8
LightweightM2M-1.0-int-779 - Error Case: Unsuccessful Firmware Update	4	0	0	4	0	8
LOCATION OBJECT (ID 6)						
LightweightM2M-1.0-int-801 - Querying the readable resources of object	3	0	0	5	0	8
LightweightM2M-1.0-int-810 - Observation and notification of observable resources	3	0	0	5	0	8
CONNECTIVITY STATISTICS (ID 7)						
LightweightM2M-1.0-int-901 - Querying the readable resources of object	4	0	0	4	0	8
LightweightM2M-1.0-int-910 - Observation and notification of observable resources	4	0	0	4	0	8
CONNECTIVITY MANAGEMENT OBJECTS (ID 10, 11, 12, 13)						
LightweightM2M-1.0-int-1201 - APN configuration	0	0	0	8	0	8
LightweightM2M-1.0-int-1202 - Bearer Selection	0	0	0	8	0	8
Totals	232	2	0	101	0	

Explanation of Test Cases Results

Test Case Result	Criteria
Pass	Both teams agree that the Test Case "Pass Criteria" has been met.
Fail	Both teams agreed that the Test Case "Pass Criteria" was not met.
Inconclusive	Teams are not in agreement of the Test result or the Test Case has not been run due to functionality not being tested as a result of an error in the implementation or other
Not Applicable	Test Case that has not been run due to one of the implementations does not support the functionality required to run this Test Case.
Out of Time	There was not enough time to test the Test Case.