

OMA Test Cases for TestFest Jan. 2016

AVSystem - Client 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 | 10 | 1 | 0 | 0 | 0 | 11 |
| LightweightM2M-1.0-int-102 - Registration Update | 9 | 2 | 0 | 0 | 0 | 11 |
| LightweightM2M-1.0-int-103 - Deregistration | 0 | 0 | 0 | 11 | 0 | 11 |
| LightweightM2M-1.0-int-104 - Registration Update Trigger | 7 | 2 | 0 | 1 | 1 | 11 |
| LightweightM2M-1.0-int-105 - Initial Registration to Bootstrap Server | 0 | 0 | 0 | 11 | 0 | 11 |
| DEVICE MANAGEMENT & SERVICE ENABLEMENT INTERFACE | | | | | | |
| LightweightM2M-1.0-int-201 - Querying basic information in Plain Text format | 10 | 0 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-203 - Querying basic information in TLV format | 10 | 0 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-204 - Querying basic information in JSON format | 0 | 0 | 0 | 10 | 1 | 11 |
| LightweightM2M-1.0-int-205 - Setting basic information in Plain Text format | 7 | 3 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-241 - Executable Resource: Rebooting the device | 8 | 2 | 0 | 0 | 1 | 11 |
| INFORMATION REPORTING INTERFACE | | | | | | |
| LightweightM2M-1.0-int-301 - Observation and Notification of parameter values | 10 | 0 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-302 - Cancel Observations using Reset Operation | 6 | 1 | 0 | 3 | 1 | 11 |
| LightweightM2M-1.0-int-303 - Cancel Observations using Observe with Cancel parameter | 2 | 2 | 0 | 6 | 1 | 11 |
| SECURITY | | | | | | |
| LightweightM2M-1.0-int-401 - UDP Channel Security - Pre-shared Key Mode | 4 | 3 | 0 | 3 | 1 | 11 |
| SERVER OBJECT (ID 1) | | | | | | |
| LightweightM2M-1.0-int-551 - Querying the readable resource of object | 9 | 0 | 0 | 1 | 1 | 11 |
| LightweightM2M-1.0-int-555 - Setting the writable resources | 7 | 2 | 0 | 1 | 1 | 11 |
| LightweightM2M-1.0-int-560 - Observation and notification of observable resources | 1 | 1 | 0 | 8 | 1 | 11 |
| LWM2M SERVER (ID 3) | | | | | | |
| LightweightM2M-1.0-int-651 - Querying the readable resources of object | 10 | 0 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-652 - Querying the firmware version from the client | 9 | 0 | 0 | 1 | 1 | 11 |
| LightweightM2M-1.0-int-655 - Setting the writable resources | 1 | 2 | 0 | 7 | 1 | 11 |
| LightweightM2M-1.0-int-660 - Observation and notification of observable resources | 3 | 0 | 0 | 7 | 1 | 11 |
| LWM2M CONNECTIVITY MONITORING (ID 4) | | | | | | |
| LightweightM2M-1.0-int-701 - Querying the readable resource of object | 10 | 0 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-710 - Observation and notification of observable resources | 10 | 0 | 0 | 0 | 1 | 11 |
| FIRMWARE UPDATE OBJECT (ID 5) | | | | | | |
| LightweightM2M-1.0-int-751 - Querying the readable resources | 10 | 0 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-755 - Setting the writable resources | 8 | 2 | 0 | 0 | 1 | 11 |
| LightweightM2M-1.0-int-760 - Observation and notification of observable resources | 6 | 1 | 0 | 2 | 2 | 11 |

| | | | | | | |
|--|------------|-----------|----------|------------|-----------|----|
| LightweightM2M-1.0-int-770 - Successful Firmware update (via COAP) | 4 | 1 | 0 | 4 | 2 | 11 |
| LightweightM2M-1.0-int-771 - Successful Firmware update (via alternative mechanism) | 6 | 0 | 0 | 3 | 2 | 11 |
| LightweightM2M-1.0-int-772 - Error Case: firmware package not downloaded | 1 | 0 | 0 | 8 | 2 | 11 |
| LightweightM2M-1.0-int-773 - Error Case: not enough storage | 0 | 0 | 0 | 9 | 2 | 11 |
| LightweightM2M-1.0-int-774 - Error Case: out of memory | 0 | 0 | 0 | 9 | 2 | 11 |
| LightweightM2M-1.0-int-775 - Error Case: Connection lost during download (package URI) | 0 | 0 | 0 | 9 | 2 | 11 |
| LightweightM2M-1.0-int-776 - Error Case: CRC check fail | 0 | 0 | 0 | 9 | 2 | 11 |
| LightweightM2M-1.0-int-777 - Error Case: unsupported package type | 0 | 1 | 0 | 8 | 2 | 11 |
| LightweightM2M-1.0-int-778 - Error Case: invalid URI (package URI) | 4 | 3 | 0 | 2 | 2 | 11 |
| LightweightM2M-1.0-int-779 - Error Case: Unsuccessful Firmware Update | 5 | 2 | 0 | 2 | 2 | 11 |
| LOCATION OBJECT (ID 6) | | | | | | |
| LightweightM2M-1.0-int-801 - Querying the readable resources of object | 9 | 0 | 0 | 0 | 2 | 11 |
| LightweightM2M-1.0-int-810 - Observation and notification of observable resources | 8 | 0 | 0 | 1 | 2 | 11 |
| CONNECTIVITY STATISTICS (ID 7) | | | | | | |
| LightweightM2M-1.0-int-901 - Querying the readable resources of object | 0 | 0 | 0 | 9 | 2 | 11 |
| LightweightM2M-1.0-int-910 - Observation and notification of observable resources | 0 | 0 | 0 | 9 | 2 | 11 |
| CONNECTIVITY MANAGEMENT OBJECTS (ID 10, 11, 12, 13) | | | | | | |
| LightweightM2M-1.0-int-1201 - APN configuration | 0 | 0 | 0 | 9 | 2 | 11 |
| LightweightM2M-1.0-int-1202 - Bearer Selection | 0 | 0 | 0 | 9 | 2 | 11 |
| Totals | 204 | 31 | 0 | 172 | 55 | |

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 |
| 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. |