

TestFest	Registration Summary
Implementations Tested	<b>10</b> - 4 Server - 6 Client
Engineers Registered	<b>20</b>
Companies Attended	<b>8</b> - Including: <ul style="list-style-type: none"> <li>○ Altair Semi</li> <li>○ AVSystem</li> <li>○ Bosch Software Innovations GmbH</li> <li>○ ERICSSON</li> <li>○ ETRI</li> <li>○ IOTEROP</li> <li>○ MDS Technology Co., Ltd</li> <li>○ Nokia</li> </ul>

Session Number	Test Result Submissions
1	4
2	4
3	3
4	4
5	4
Ad-Hoc	3
<b>Total</b>	<b>22</b>

### Explanation of Test Cases Results

Test Case Result	Criteria
Pass	Both teams agreed 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 functionality that is required to run this Test Case.
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.

## Results by Test Case:

Answer Options	Pass	Fail	Incon- clusive	Not Applicable	Out of Time	Response Count
<b>REGISTRATION INTERFACE</b>						
LightweightM2M-1.0-int-101 – Initial Registration	22	0	0	0	0	22
LightweightM2M-1.0-int-102 – Registration Update	22	0	0	0	0	22
LightweightM2M-1.0-int-103 – Deregistration	22	0	0	0	0	22
LightweightM2M-1.0-int-104 – Registration Update Trigger	12	0	0	9	0	21
LightweightM2M-1.0-int-105 – Initial Registration to Bootstrap Server	8	0	0	14	0	22
<b>DEVICE MANAGEMENT &amp; SERVICE ENABLEMENT INTERFACE</b>						
LightweightM2M-1.0-int-201 – Querying basic information in Plain Text format	21	0	0	1	0	22
LightweightM2M-1.0-int-203 – Querying basic information in TLV format	19	1	0	2	0	22
LightweightM2M-1.0-int-204 – Querying basic information in JSON format	11	1	0	10	0	22
LightweightM2M-1.0-int-205 – Setting basic information in Plain Text format	18	1	0	3	0	22
LightweightM2M-1.0-int-241 – Executable Resource: Rebooting the device	17	1	0	4	0	22
<b>INFORMATION REPORTING INTERFACE</b>						
LightweightM2M-1.0-int-301 – Observation and Notification of parameter values	16	1	0	5	0	22
LightweightM2M-1.0-int-302 – Cancel Observations using Reset Operation	16	0	0	6	0	22
LightweightM2M-1.0-int-303 – Cancel Observations using Observe with Cancel parameter	11	1	1	9	0	22
<b>SECURITY</b>						
LightweightM2M-1.0-int-401 – UDP Channel Security – Pre-shared Key Mode	19	0	0	3	0	22
<b>SERVER OBJECT (ID 1)</b>						
LightweightM2M-1.0-int-551 – Querying the readable resource of object	20	1	0	1	0	22
LightweightM2M-1.0-int-555 – Setting the writable resources	19	1	0	2	0	22
LightweightM2M-1.0-int-560 – Observation and notification of observable resources	16	1	0	5	0	22
<b>LWM2M SERVER (ID 3)</b>						
LightweightM2M-1.0-int-651 – Querying the readable resources of object	21	0	0	1	0	22
LightweightM2M-1.0-int-652 – Querying the firmware version from the client	17	0	0	5	0	22
LightweightM2M-1.0-int-655 – Setting the writable resources	16	0	1	5	0	22

## Results by Test Case:

LightweightM2M-1.0-int-660 – Observation and notification of observable resources	15	1	1	5	0	22
<b>LWM2M CONNECTIVITY MONITORING (ID 4)</b>						
LightweightM2M-1.0-int-701 – Querying the readable resource of object	14	1	0	7	0	22
LightweightM2M-1.0-int-710 – Observation and notification of observable resources	14	0	0	8	0	22
<b>FIRMWARE UPDATE OBJECT (ID 5)</b>						
LightweightM2M-1.0-int-751 – Querying the readable resources	14	0	0	8	0	22
LightweightM2M-1.0-int-755 – Setting the writable resources	13	0	0	9	0	22
LightweightM2M-1.0-int-760 – Observation and notification of observable resources	12	0	0	9	1	22
LightweightM2M-1.0-int-770 – Successful Firmware update (via COAP)	4	1	0	16	0	21
LightweightM2M-1.0-int-771 – Successful Firmware update (via alternative mechanism)	8	0	1	12	1	22
LightweightM2M-1.0-int-772 – Error Case: firmware package not downloaded	9	0	0	12	1	22
LightweightM2M-1.0-int-773 – Error Case: not enough storage	5	0	0	16	1	22
LightweightM2M-1.0-int-774 – Error Case: out of memory	6	0	0	15	1	22
LightweightM2M-1.0-int-775 – Error Case: Connection lost during download (package URI)	3	0	0	18	1	22
LightweightM2M-1.0-int-776 – Error Case: CRC check fail	8	0	0	13	1	22
LightweightM2M-1.0-int-777 – Error Case: unsupported package type	7	0	0	14	1	22
LightweightM2M-1.0-int-778 – Error Case: invalid URI (package URI)	8	0	0	13	1	22
LightweightM2M-1.0-int-779 – Error Case: Unsuccessful Firmware Update	6	1	0	14	1	22
<b>LOCATION OBJECT (ID 6)</b>						
LightweightM2M-1.0-int-801 – Querying the readable resources of object	14	0	0	7	1	22
LightweightM2M-1.0-int-810 – Observation and notification of observable resources	13	0	0	8	1	22
<b>CONNECTIVITY STATISTICS (ID 7)</b>						
LightweightM2M-1.0-int-901 – Querying the readable resources of object	13	0	0	7	2	22
LightweightM2M-1.0-int-910 – Observation and notification of observable resources	12	0	0	8	2	22
<b>CONNECTIVITY MANAGEMENT OBJECTS (ID 10, 11, 12, 13)</b>						
LightweightM2M-1.0-int-1201 – APN configuration	3	0	0	18	1	22
LightweightM2M-1.0-int-1202 – Bearer Selection	3	0	0	18	1	22
<b>Totals</b>	<b>547</b>	<b>13</b>	<b>4</b>	<b>340</b>	<b>18</b>	