



TestFest	Registration Summary
Implementations Tested	<b>17</b> - 9 Server - 8 Client
Engineers Registered	<b>31</b>
Companies Attended	<b>12</b> - Including: <ul style="list-style-type: none"> <li>o ARM</li> <li>o AVSystem</li> <li>o Centero</li> <li>o ERICSSON</li> <li>o gemalto</li> <li>o Huawei</li> <li>o InterDigital</li> <li>o IOTEROP</li> <li>o MDS Technology</li> <li>o Nokia</li> <li>o Telit</li> <li>o Smith Micro Software</li> </ul>

Session Number	Test Result Submissions
1	8
2	8
3	8
4	7
5	6
6	8
7	8
8	8
9	6
<b>Total</b>	<b>67</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	65	2	0	0	0	67
LightweightM2M-1.0-int-102 – Registration Update	65	1	0	0	1	67
LightweightM2M-1.0-int-103 – Deregistration	58	2	0	4	2	66
LightweightM2M-1.0-int-104 – Registration Update Trigger	36	3	0	24	3	66
LightweightM2M-1.0-int-105 – Initial Registration to Bootstrap Server	13	1	2	46	3	65
<b>DEVICE MANAGEMENT &amp; SERVICE ENABLEMENT INTERFACE</b>						
LightweightM2M-1.0-int-201 – Querying basic information in Plain Text format	66	0	0	0	1	67
LightweightM2M-1.0-int-203 – Querying basic information in TLV format	63	2	1	0	1	67
LightweightM2M-1.0-int-204 – Querying basic information in JSON format	31	7	1	26	2	67
LightweightM2M-1.0-int-205 – Setting basic information in Plain Text format	60	2	1	2	1	66
LightweightM2M-1.0-int-241 – Executable Resource: Rebooting the device	60	3	0	1	2	66
<b>INFORMATION REPORTING INTERFACE</b>						
LightweightM2M-1.0-int-301 – Observation and Notification of parameter values	58	3	0	4	2	67
LightweightM2M-1.0-int-302 – Cancel Observations using Reset Operation	22	7	1	33	2	65
LightweightM2M-1.0-int-303 – Cancel Observations using Observe with Cancel parameter	34	6	0	23	3	66
<b>SECURITY</b>						
LightweightM2M-1.0-int-401 – UDP Channel Security – Pre-shared Key Mode	21	6	0	36	4	67
<b>SERVER OBJECT (ID 1)</b>						
LightweightM2M-1.0-int-551 – Querying the readable resource of object	63	0	1	1	2	67
LightweightM2M-1.0-int-555 – Setting the writable resources	61	1	2	1	2	67
LightweightM2M-1.0-int-560 – Observation and notification of observable resources	53	4	0	7	2	66
<b>LWM2M SERVER (ID 3)</b>						
LightweightM2M-1.0-int-651 – Querying the readable resources of object	61	1	1	2	2	67
LightweightM2M-1.0-int-652 – Querying the firmware version from the client	63	0	1	0	3	67
LightweightM2M-1.0-int-655 – Setting the writable resources	51	1	2	10	3	67
LightweightM2M-1.0-int-660 – Observation and	53	2	1	5	5	66

## Results by Test Case:

notification of observable resources						
<b>LWM2M CONNECTIVITY MONITORING (ID 4)</b>						
LightweightM2M-1.0-int-701 – Querying the readable resource of object	35	1	1	27	3	67
LightweightM2M-1.0-int-710 – Observation and notification of observable resources	34	1	1	28	3	67
<b>FIRMWARE UPDATE OBJECT (ID 5)</b>						
LightweightM2M-1.0-int-751 – Querying the readable resources	54	0	0	10	3	67
LightweightM2M-1.0-int-755 – Setting the writable resources	43	2	0	16	6	67
LightweightM2M-1.0-int-760 – Observation and notification of observable resources	41	2	0	18	5	66
LightweightM2M-1.0-int-770 – Successful Firmware update (via COAP)	9	0	0	52	6	67
LightweightM2M-1.0-int-771 – Successful Firmware update (via alternative mechanism)	23	1	0	37	6	67
LightweightM2M-1.0-int-772 – Error Case: firmware package not downloaded	21	0	0	38	8	67
LightweightM2M-1.0-int-773 – Error Case: not enough storage	18	0	0	41	8	67
LightweightM2M-1.0-int-774 – Error Case: out of memory	17	0	0	42	8	67
LightweightM2M-1.0-int-775 – Error Case: Connection lost during download (package URI)	17	0	0	42	8	67
LightweightM2M-1.0-int-776 – Error Case: CRC check fail	20	0	0	38	8	66
LightweightM2M-1.0-int-777 – Error Case: unsupported package type	20	0	0	39	8	67
LightweightM2M-1.0-int-778 – Error Case: invalid URI (package URI)	19	0	1	39	8	67
LightweightM2M-1.0-int-779 – Error Case: Unsuccessful Firmware Update	18	1	0	39	9	67
<b>LOCATION OBJECT (ID 6)</b>						
LightweightM2M-1.0-int-801 – Querying the readable resources of object	24	0	1	40	2	67
LightweightM2M-1.0-int-810 – Observation and notification of observable resources	22	0	1	41	2	66
<b>CONNECTIVITY STATISTICS (ID 7)</b>						
LightweightM2M-1.0-int-901 – Querying the readable resources of object	30	0	0	34	3	67
LightweightM2M-1.0-int-910 – Observation and notification of observable resources	27	0	0	35	3	65
<b>CONNECTIVITY MANAGEMENT OBJECTS (ID 10, 11, 12, 13)</b>						
LightweightM2M-1.0-int-1201 – APN configuration	0	0	0	66	1	67
LightweightM2M-1.0-int-1202 – Bearer Selection	0	0	0	66	1	67
<b>Totals</b>	<b>1549</b>	<b>62</b>	<b>19</b>	<b>1013</b>	<b>155</b>	<b>2798</b>