



TestFest	Registration Summary
Implementations Tested	<ul style="list-style-type: none"> - 11 Server - 10 Client
Engineers Registered	
Companies Attended	14 <ul style="list-style-type: none"> - Including: <ul style="list-style-type: none"> o Altair semiconductor o ARM o AVSystem o Cumulocity GmbH o Ericsson o ETRI o Friendly Technologies o Gemalto o IOTEROP o Konas o Nokia o Smith Micro Software o Telit
Enabler Test Specifications used: OMA-ETS-LightweightM2M-V1_0_1-20170830-D.pdf	

Session Number	Test Result Submissions
1	10
2	10
3	10
4	10
5	10
6	10
7	10
8	10
9	10
10	10
11	3
Total	103

OMA LwM2M TestFest
 Summary and Results
 Oct 30 – Nov 02, 2017
 Warsaw, POLAND



Test Session Date & Number:

AnswerOptions	Response Percent	Response Count
30-Oct	31.78%	34
31-Oct	32.71%	35
01-Nov	22.43%	24
02-Nov	13.08%	14
State Session Number (Reference below if needed):		103

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-102 - Registration Update	49	0	0	2	0	51
LightweightM2M-1.0-int-102 - Registration Update	47	0	0	2	2	51
LightweightM2M-1.0-int-201 - Querying basic information in Plain Text format	47	0	0	4	0	51
LightweightM2M-1.0-int-203 - Querying basic information in TLV format	49	0	0	2	0	51
Bootstrap Interface						
LightweightM2M-1.0-int-0 - Client Initiated Bootstrap	44	2	0	39	7	92
Registration Interface						
LightweightM2M-1.0-int-101 - Initial Registration	100	0	1	0	0	101
LightweightM2M-1.0-int-102 - Registration Update	92	3	3	1	2	101
LightweightM2M-1.0-int-103 - Deregistration	87	0	0	10	4	101
LightweightM2M-1.0-int-104 - Registration Update Trigger	96	0	0	1	3	100
Device management & Service Enablement Interface						
LightweightM2M-1.0-int-201 - Querying basic information in Plain Text format	92	0	0	9	0	101
LightweightM2M-1.0-int-202 - Querying basic information in Opaque format	10	0	0	89	2	101
LightweightM2M-1.0-int-203 - Querying basic information in TLV format	98	0	2	1	0	101
LightweightM2M-1.0-int-204 - Querying basic information in JSON format	75	3	0	23	0	101
LightweightM2M-1.0-int-205 - Setting basic information in Plain Text format	86	0	0	14	1	101
LightweightM2M-1.0-int-210 - Setting basic information in Opaque format	2	1	0	95	3	101
LightweightM2M-1.0-int-215 - Setting basic information in TLV format	84	4	0	8	4	100
LightweightM2M-1.0-int-220 - Setting basic information in JSON format	43	8	0	46	4	101
LightweightM2M-1.0-int-241 - Executable Resource: Rebooting the device	92	1	0	1	6	100

Results by Test Case:

LightweightM2M-1.0-int-260 - Discover Command	64	7	0	29	1	101
LightweightM2M-1.0-int-270 - Create Object Instance	18	5	0	73	5	101
LightweightM2M-1.0-int-271 - Create Multiple Resource Instance	3	0	0	95	3	101
LightweightM2M-1.0-int-290 - Delete Object Instance	28	1	0	67	5	101
INFORMATION REPORTING INTERFACE						
LightweightM2M-1.0-int-301 - Observation and Notification of parameter values	92	4	0	4	1	101
LightweightM2M-1.0-int-302 - Cancel Observations using Reset Operation	66	4	1	29	1	101
LightweightM2M-1.0-int-303 - Cancel Observations using Observe with Cancel parameter	60	2	0	35	4	101
SECURITY						
LightweightM2M-1.0-int-401 - UDP Channel Security - Pre-shared Key Mode	59	12	4	13	11	99
SERVER OBJECT (ID 1)						
LightweightM2M-1.0-int-551 - Access Check to the Resources	69	1	0	19	12	101
LightweightM2M-1.0-int-555 - Check of the Disable (De-Registration) capability	59	0	0	30	12	101
LightweightM2M-1.0-int-556 - Check of the Update Registration capability	71	0	0	19	11	101
LightweightM2M-1.0-int-560 - Delayed Report Notification	3	1	0	86	11	101
LightweightM2M-1.0-int-565 - Create Object Instance	4	2	0	84	11	101
LightweightM2M-1.0-int-566 - Delete Object Instance	7	0	0	83	11	101
LWM2M SERVER (ID 3)						
LightweightM2M-1.0-int-651 - Check Access to the Resources	68	5	1	16	11	101
LightweightM2M-1.0-int-652 - Querying the firmware version from the client	87	1	0	2	11	101
LightweightM2M-1.0-int-655 - Check of the "Reboot" capability	78	1	0	10	11	100
LightweightM2M-1.0-int-656 - Check of the "Factory Reset" capability	21	0	0	68	10	99
LightweightM2M-1.0-int-657 - Check of the "Error Code" functionality	7	0	0	83	10	100
LightweightM2M-1.0-int-660 - Basic Observation and notification of Device Object Resources	75	1	0	14	10	100
LightweightM2M-1.0-int-661 - Extended Observation and notification of Device Object Resources	4	0	0	87	9	100
LightweightM2M-1.0-int-670 - Create Multiple Resource Instances	2	0	0	89	9	100
LightweightM2M-1.0-int-680 - Create Object Instance	52	5	2	28	13	100
LightweightM2M-1.0-int-685 - Delete Object Instance	55	8	0	26	11	100
LWM2M CONNECTIVITY MONITORING (ID 4)						
LightweightM2M-1.0-int-701 - Querying the readable resources of object	77	1	0	10	13	101
LightweightM2M-1.0-int-705 - Setting the writable resources	15	0	0	75	11	101
LightweightM2M-1.0-int-710 - Basic Observation and notification on Connectivity Monitoring Object Resources	73	2	0	10	16	101
LightweightM2M-1.0-int-711 - Extended Observation and notification of Connectivity Monitoring Object Resources	7	0	0	83	11	101
LightweightM2M-1.0-int-720 - Create Multiple Resource Instances	1	0	0	90	10	101
LightweightM2M-1.0-int-730 - Create Object Instance	5	0	0	86	10	101
LightweightM2M-1.0-int-735 - Delete Object Instance	5	0	0	86	10	101
FIRMWARE UPDATE OBJECT (ID 5)						
LightweightM2M-1.0-int-751 - Querying the readable resources	75	0	0	13	13	101
LightweightM2M-1.0-int-755 - Setting the writable Resource Package	43	2	0	41	14	100

Results by Test Case:

LightweightM2M-CONMGMT - 1.0-int - 1250 - APN Configuration	11	1	0	72	15	99
BEARER SELECTION (ID 13)						
LightweightM2M-CONMGMT - 1.0-int-1350 - Bearer Selection	10	0	0	74	15	99
PORTFOLIO OBJECT (ID 16)						
LightweightM2M-1.0-int-1600 - Querying the readable resources of object	22	0	0	59	18	99
LightweightM2M-1.0-int-1605 - Setting the writable resources	10	0	0	70	19	99
LightweightM2M-1.0-int-1610 - Basic Observation and notification of a Portfolio Object Instance	11	1	0	68	19	99
LightweightM2M-1.0-int-1611 - Extended Observation and notification of a Portfolio Object Instance	3	0	0	77	19	99
LightweightM2M-1.0-int-1620 - Create Multiple Resource Instances	5	0	0	74	20	99
LightweightM2M-1.0-int-1630 - Create Portfolio Object Instance	17	5	0	58	19	99
LightweightM2M-1.0-int-1635 - Delete Portfolio Object Instance	22	1	0	57	19	99
Totals	3538	118	15	4302	1094	9067

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 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.