

```
*****
IDIS Conformance test report
27-AUG-2024 09:26:09
iCTT2 Package 2, Edition 2.0, Revision 1 (136)
Licensed to: DNV-GL IDIS Conf
Tester: Tom Levels
*****
```

```
*****
* Identification *
*****
```

```
Manufacturer = {
  Name = '\Landis + Gyr'
  ThreeLettersId = '\LGZ'
}
DeviceUnderTest = {
  Type = '\Landis+Gyr ZA E460 MCA110CRG3D1.200S S3'
  IDISDeviceType = 102
  IDISFunctionType = []
  SerialNr = 61159892
  IPVersion = IPV6
  DataLinkLayer = G3
  ConsumerInformationPush = FALSE
  EUI64Address = '98B177FFFF2D611D'
}
```

```
Active firmware identifier (1-0:0.2.0.255) = \V750226
Active firmware identifier 1 (1-1:0.2.0.255) = \V750526
```

```
*****
* Summary *
*****
```

```
PASSED                1039
FAILED                 0
DISABLED               0
INAPPLICABLE          802
INCONCLUSIVE          0
FATAL                  0
TOTAL                  1841
```

```
*****
Test Case 1 : Connect and release, 4 item(s)
*****
```

```
(1) Connect Public
PASSED
(2) Release Public
PASSED
(3) Connect Management
PASSED
(4) Release Management
PASSED
```

Test Case 2 : Get public object-list, 1 item(s)

Public Get Current association 0-0:40.0.0.255 (@9)
(1) .object_list

PASSED

@	0-0:199.45.0.255 30062	
@	0-0:199.49.0.255 30066	
@	0-0:199.38.0.255 30056	
@	0-0:199.31.0.255 30050	
@	0-0:19.60.0.255 116	
@	0-0:199.47.0.255 30064	
@	0-0:199.46.0.255 30063	
@	0-0:96.3.20.255 68	
@	0-0:19.40.0.255 115	
@	0-1:19.20.1.255 113	
@	0-0:19.20.1.255 113	
@	0-0:19.20.2.255 113	
@	0-0:19.20.0.255 113	
@	0-0:19.10.3.255 112	
@	0-0:19.10.2.255 112	
@	0-1:19.10.1.255 112	
@	0-0:19.10.1.255 112	
@	0-0:19.10.0.255 112	
@	0-0:19.0.0.255 111	
@	0-1:19.0.0.255 111	
@	0-0:96.129.0.255 1	
@4	0-0:41.0.0.255 17	SAP Assignment
@	0-0:96.11.11.255 1	
@	0-0:99.17.0.255 7	
@	0-0:99.98.11.255 7	
@37	0-0:43.1.0.255 1	Security - Receive frame counter -
unicast key		
@33	0-0:43.1.1.255 1	Security - Receive frame counter -
broadcast key		
@	0-0:199.12.6.255 30000	
@	0-0:199.9.0.255 30004	
@	0-0:199.8.0.255 30009	
@	0-0:96.90.255.255 1	
@42	0-0:42.0.0.255 1	COSEM logical device name
@	0-10:96.3.10.255 70	
@181	0-0:96.3.10.255 70	Disconnect control
@	0-0:40.0.1.255 15	
@	0-0:40.0.2.255 12	
@	0-0:199.19.0.255 30020	
@9	0-0:40.0.0.255 15	Current association

Test Case 3 : Get mngmt object-list, 1 item(s)

Mngmt Get Current association 0-0:40.0.0.255 (@9)
(1) .object_list

PASSED

@	0-0:199.45.0.255 30062	
@	0-0:199.49.0.255 30066	
@	0-0:199.38.0.255 30056	
@	0-0:199.37.1.255 30055	
@	0-0:199.37.0.255 30055	
@	0-0:199.37.2.255 30055	
@	0-0:199.32.3.255 30054	
@	0-0:199.31.0.255 30050	
@	0-17:25.9.0.255 40	
@	0-16:25.9.0.255 40	
@	0-15:25.9.0.255 40	
@	0-14:25.9.0.255 40	
@	0-13:25.9.0.255 40	
@	0-0:19.60.0.255 116	
@	0-0:199.32.1.255 30052	
@	0-0:199.32.2.255 30053	
@	0-0:199.32.0.255 30051	
@	0-0:199.47.0.255 30064	
@	0-0:199.46.0.255 30063	
@	0-0:96.3.20.255 68	
@	0-0:19.40.0.255 115	
@	0-1:19.20.1.255 113	
@	0-0:19.20.1.255 113	
@	0-0:19.20.2.255 113	
@	0-0:19.20.0.255 113	
@	0-0:19.10.3.255 112	
@	0-0:19.10.2.255 112	
@	0-1:19.10.1.255 112	
@	0-0:19.10.1.255 112	
@	0-0:19.10.0.255 112	
@	0-0:19.0.0.255 111	
@	0-1:19.0.0.255 111	
@	0-10:15.0.4.255 22	
@	0-9:15.0.4.255 22	
@2156	0-3:15.0.4.255 22	Push action scheduler - Interval_3
@2150	0-2:15.0.4.255 22	Push action scheduler - Interval_2
@2144	0-1:15.0.4.255 22	Push action scheduler - Interval_1
@2119	0-7:25.9.0.255 40	Push setup - On Installation
@2109	0-0:25.9.0.255 40	Push setup - On Connectivity
@2099	0-4:25.9.0.255 40	Push setup - On Alarm
@2089	0-3:25.9.0.255 40	Push setup - Interval_3
@2079	0-2:25.9.0.255 40	Push setup - Interval_2
@2069	0-1:25.9.0.255 40	Push setup - Interval_1
@	0-0:199.41.0.255 30058	
@	0-0:96.92.0.255 1	
@	0-0:99.98.15.255 7	
@2024	0-0:25.0.0.255 41	TCP-UDP setup
@	0-0:94.33.14.255 30040	
@2172	0-0:25.2.0.255 43	MAC address setup
@2199	0-0:29.0.0.255 90	G3-PLC MAC layer counters
@2047	0-0:25.7.0.255 48	IPv6 setup
@2237	0-0:29.2.0.255 92	G3-PLC MAC 6LoWPAN adaptation layer setup
@2212	0-0:29.1.0.255 91	G3-PLC MAC setup

	@	0-0:199.29.0.255 30031	
	@	0-0:199.13.0.255 30005	
	@135	0-0:14.0.2.255 6	Register activation - Maximum Demand
	@129	0-0:14.0.1.255 6	Register activation - Energy
	@2163	0-0:2.1.0.255 29	Auto connect
	@	0-10:10.0.106.255 9	
	@	0-0:10.0.136.255 9	
	@1920	0-1:10.0.106.255 9	M-Bus Disconnecter script table
	@	0-1:10.0.108.255 9	
	@2139	0-0:10.0.108.255 9	Push script table
	@141	0-0:10.0.100.255 9	Tariffication script table
	@407	0-0:10.0.107.255 9	Predefined Scripts - Image activation
	@147	0-0:10.0.1.255 9	Predefined Scripts - MDI reset / end of
billing period			
	@152	0-0:15.0.0.255 22	End of billing period 1 scheduler
	@401	0-0:15.0.2.255 22	Image transfer activation scheduler
	@	0-0:96.10.4.255 1	
	@	1-0:99.128.0.255 7	
	@1157	0-0:96.10.2.255 1	Profile status - Load profile with period
2			
	@1161	1-0:99.2.0.255 7	Load profile with period 2 i.e. Daily
Values Profile			
	@	0-0:199.16.0.255 30016	
	@	0-0:96.129.0.255 1	
	@	1-0:0.2.1.255 1	
	@4	0-0:41.0.0.255 17	SAP Assignment
	@24	0-0:43.0.0.255 64	Security setup
	@1142	0-0:96.10.1.255 1	Profile status - Load profile with period
1			
	@	1-0:82.8.0.255 3	
	@	0-0:199.0.0.255 30003	
	@	0-0:15.1.0.255 22	
	@170	0-0:15.0.1.255 22	Disconnect control scheduler
	@416	1-0:0.2.8.255 1	Active firmware signature
	@	0-0:199.1.33.255 30002	
	@	0-0:199.1.32.255 30021	
	@1551	1-0:13.3.0.255 4	Minimum Power factor (+A/+VA)
	@1543	1-0:13.5.0.255 4	Last Average Power factor (+A/+VA)
	@	0-0:96.11.13.255 1	
	@	0-0:96.11.10.255 1	
	@	0-0:96.11.17.255 1	
	@	0-0:96.11.14.255 1	
	@327	0-0:96.11.5.255 1	Event Object - Communication Log
	@	0-0:96.11.11.255 1	
	@	0-0:96.11.8.255 1	
	@	0-0:96.11.7.255 1	
	@1336	0-0:96.11.4.255 1	Event Object - Power Quality Log
	@189	0-0:96.11.2.255 1	Event Object - Disconnecter Control log
	@312	0-0:96.11.1.255 1	Event Object - Fraud Detection Log
	@	0-0:199.40.0.255 30037	
	@	0-0:99.17.0.255 7	
	@	0-0:99.98.16.255 7	
	@	0-0:99.98.17.255 7	
	@	0-0:99.98.14.255 7	

@331	0-0:99.98.5.255 7	Communication Log
@	0-0:99.98.11.255 7	
@	0-0:99.98.8.255 7	
@	0-0:99.98.10.255 7	
@1325	1-0:99.97.0.255 7	Power Failure Event Log
@1340	0-0:99.98.4.255 7	Power Quality Log
@193	0-0:99.98.2.255 7	Disconnecter Control Log
@316	0-0:99.98.1.255 7	Fraud Detection Log
@2012	0-0:22.0.0.255 23	IEC HDLC setup - HDLC Optical port
@	0-0:16.1.3.255 21	
@	0-0:16.1.2.255 21	
@291	0-0:16.1.1.255 21	Alarm Monitor 2
@273	0-0:16.1.0.255 21	Alarm Monitor 1
@238	1-0:31.4.0.255 21	Supervision monitor 1 - Fuse supervision

L1

@	0-0:96.5.0.255 1	
@	0-0:96.4.0.255 1	
@	0-0:96.3.0.255 1	
@696	1-0:8.8.4.255 3	Reactive energy (QIV) rate 4
@690	1-0:8.8.3.255 3	Reactive energy (QIV) rate 3
@684	1-0:8.8.2.255 3	Reactive energy (QIV) rate 2
@678	1-0:8.8.1.255 3	Reactive energy (QIV) rate 1
@672	1-0:7.8.4.255 3	Reactive energy (QIII) rate 4
@666	1-0:7.8.3.255 3	Reactive energy (QIII) rate 3
@660	1-0:7.8.2.255 3	Reactive energy (QIII) rate 2
@654	1-0:7.8.1.255 3	Reactive energy (QIII) rate 1
@648	1-0:6.8.4.255 3	Reactive energy (QII) rate 4
@642	1-0:6.8.3.255 3	Reactive energy (QII) rate 3
@636	1-0:6.8.2.255 3	Reactive energy (QII) rate 2
@630	1-0:6.8.1.255 3	Reactive energy (QII) rate 1
@624	1-0:5.8.4.255 3	Reactive energy (QI) rate 4
@618	1-0:5.8.3.255 3	Reactive energy (QI) rate 3
@612	1-0:5.8.2.255 3	Reactive energy (QI) rate 2
@606	1-0:5.8.1.255 3	Reactive energy (QI) rate 1
@600	1-0:4.8.4.255 3	Reactive energy (-R) rate 4
@594	1-0:4.8.3.255 3	Reactive energy (-R) rate 3
@588	1-0:4.8.2.255 3	Reactive energy (-R) rate 2
@582	1-0:4.8.1.255 3	Reactive energy (-R) rate 1
@576	1-0:3.8.4.255 3	Reactive energy (+R) rate 4
@570	1-0:3.8.3.255 3	Reactive energy (+R) rate 3
@564	1-0:3.8.2.255 3	Reactive energy (+R) rate 2
@558	1-0:3.8.1.255 3	Reactive energy (+R) rate 1
@552	1-0:2.8.4.255 3	Active energy export (-A) rate 4
@546	1-0:2.8.3.255 3	Active energy export (-A) rate 3
@540	1-0:2.8.2.255 3	Active energy export (-A) rate 2
@534	1-0:2.8.1.255 3	Active energy export (-A) rate 1
@528	1-0:1.8.4.255 3	Active energy import (+A) rate 4
@522	1-0:1.8.3.255 3	Active energy import (+A) rate 3
@516	1-0:1.8.2.255 3	Active energy import (+A) rate 2
@510	1-0:1.8.1.255 3	Active energy import (+A) rate 1
@	1-0:0.8.128.255 3	
@1559	1-0:0.8.2.255 3	Measurement Period 3 for Instantaneous

values

@ 1-0:14.24.0.255|3

	@1357	1-0:32.24.0.255 3	Average voltage L1
	@	1-0:12.31.1.255 3	
	@	1-0:12.35.1.255 3	
	@	1-0:13.39.0.255 3	
	@1181	0-0:96.7.20.255 3	Time threshold for long power failure
	@1319	1-0:12.45.0.255 3	Time threshold for voltage cut
	@1199	1-0:12.43.0.255 3	Time threshold for voltage sag
	@1259	1-0:12.44.0.255 3	Time threshold for voltage swell
cut)	@1313	1-0:12.39.0.255 3	Threshold for missing voltage (voltage
	@1193	1-0:12.31.0.255 3	Threshold for voltage sag
	@1253	1-0:12.35.0.255 3	Threshold for voltage swell
phase	@1187	0-0:96.7.19.255 3	Duration of last long power failure in any
	@	0-0:96.7.0.255 1	
	@1177	0-0:96.7.9.255 1	Number of long power failures in any phase
	@1173	0-0:96.7.21.255 1	Number of power failures in any phase
	@1205	1-0:32.32.0.255 1	Number of voltage sags in phase L1
	@1265	1-0:32.36.0.255 1	Number of voltage swells in phase L1
	@	0-0:199.24.0.255 1	
phases)	@1444	1-0:90.7.0.255 3	Instantaneous current (sum over all
	@	1-0:81.7.40.255 3	
	@1480	1-0:4.7.0.255 3	Instantaneous reactive export power (-R)
	@1474	1-0:3.7.0.255 3	Instantaneous reactive import power (+R)
	@1468	1-0:2.7.0.255 3	Instantaneous active export power (-A)
	@1462	1-0:1.7.0.255 3	Instantaneous active import power (+A)
	@1537	1-0:13.7.0.255 3	Instantaneous Power factor (+A/+VA)
	@1486	1-0:9.7.0.255 3	Instantaneous apparent import power (+VA)
	@	1-0:130.7.0.255 3	
	@1456	1-0:15.7.0.255 3	Instantaneous active power (+A + -A)
	@1450	1-0:14.7.0.255 3	Instantaneous net frequency; any phase
	@1363	1-0:31.7.0.255 3	Instantaneous current L1
	@1351	1-0:32.7.0.255 3	Instantaneous voltage L1
L1	@1295	1-0:32.38.0.255 3	Magnitude of last voltage swell in phase
	@1277	1-0:32.37.0.255 3	Duration of last voltage swell in phase L1
	@1235	1-0:32.34.0.255 3	Magnitude of last voltage sag in phase L1
	@1217	1-0:32.33.0.255 3	Duration of last voltage sag in phase L1
unicast key	@37	0-0:43.1.0.255 1	Security - Receive frame counter -
broadcast key	@33	0-0:43.1.1.255 1	Security - Receive frame counter -
	@	0-0:199.12.7.255 30001	
	@	0-0:199.12.5.255 30001	
	@	0-0:199.12.4.255 30001	
	@	0-0:199.12.3.255 30001	
	@	0-0:199.12.2.255 30001	
	@	0-0:199.12.1.255 30001	
	@	0-0:199.12.0.255 30001	
	@	0-0:199.12.6.255 30000	
	@158	0-0:98.1.0.255 7	Data of billing period 1
	@297	0-0:96.11.0.255 1	Event Object - Standard Event Log
	@301	0-0:99.98.0.255 7	Standard Event Log

@	0-0:96.8.0.255 3	
@	0-0:96.8.9.255 3	
@	0-0:96.8.8.255 3	
@	0-0:96.8.7.255 3	
@	0-0:96.8.6.255 3	
@	0-0:96.8.5.255 3	
@	0-0:96.8.4.255 3	
@	0-0:96.8.3.255 3	
@	0-0:96.8.2.255 3	
@	0-0:96.8.1.255 3	
@1146	1-0:99.1.0.255 7	Load profile with period 1 i.e. General
Load Profile		
@	0-0:199.9.0.255 30004	
@	0-0:199.8.0.255 30009	
@	0-6:0.2.0.255 1	
@	0-5:0.2.0.255 1	
@	0-4:0.2.0.255 1	
@	0-3:0.2.0.255 1	
@	0-2:0.2.0.255 1	
@	0-1:0.2.0.255 1	
@343	0-0:96.13.1.255 1	Consumer Message Code - Meter Display
@347	0-0:96.13.0.255 1	Consumer Message Text - Consumer
Information		
@	0-0:96.90.255.255 1	
@	0-0:96.1.8.255 1	
@66	0-0:96.1.5.255 1	Device ID 6, IDIS certification number
@62	0-0:96.1.4.255 1	Device ID 5
@58	0-0:96.1.3.255 1	Device ID 4
@54	0-0:96.1.2.255 1	Device ID 3
@50	0-0:96.1.1.255 1	Device ID 2
@46	0-0:96.1.0.255 1	Device ID 1, manufacturing number
@412	1-0:0.2.0.255 1	Active firmware identifier
@420	1-1:0.2.0.255 1	Active firmware identifier 1
@	0-0:0.2.0.255 1	
@42	0-0:42.0.0.255 1	COSEM logical device name
@503	1-0:10.8.0.255 3	Apparent energy export (-VA) (QII+QIII)
@497	1-0:9.8.0.255 3	Apparent energy import (+VA) (QI+QIV)
@491	1-0:4.8.0.255 3	Reactive energy export (-R) (QIII+QIV)
@485	1-0:3.8.0.255 3	Reactive energy import (+R) (QI+QII)
@479	1-0:8.8.0.255 3	Reactive energy QIV (-Rc)
@473	1-0:7.8.0.255 3	Reactive energy QIII (-Ri)
@467	1-0:6.8.0.255 3	Reactive energy QII (+Rc)
@461	1-0:5.8.0.255 3	Reactive energy QI (+Ri)
@455	1-0:16.8.0.255 3	Active energy (+A - -A) Combined total
@449	1-0:15.8.0.255 3	Active energy (+A + -A) Combined total
@443	1-0:2.8.0.255 3	Active energy export (-A)
@437	1-0:1.8.0.255 3	Active energy import (+A)
@75	0-0:1.0.0.255 8	Clock
@112	0-0:13.0.0.255 20	Activity Calendar
@125	0-0:11.0.0.255 11	Special Days Table
@70	0-0:96.14.0.255 1	Currently active energy tariff
@1053	1-0:4.6.4.255 4	Maximum Demand Register 20 - Reactive
energy export (-R) - rate 4		
@1045	1-0:4.6.3.255 4	Maximum Demand Register 19 - Reactive

energy export (-R) - rate 3	@1037 1-0:4.6.2.255 4	Maximum Demand Register 18 - Reactive
energy export (-R) - rate 2	@1029 1-0:4.6.1.255 4	Maximum Demand Register 17 - Reactive
energy export (-R) - rate 1	@1021 1-0:4.6.0.255 4	Maximum Demand Register 16 - Reactive
energy export (-R)	@1013 1-0:3.6.4.255 4	Maximum Demand Register 15 - Reactive
energy import (+R) - rate 4	@1005 1-0:3.6.3.255 4	Maximum Demand Register 14 - Reactive
energy import (+R) - rate 3	@997 1-0:3.6.2.255 4	Maximum Demand Register 13 - Reactive
energy import (+R) - rate 2	@989 1-0:3.6.1.255 4	Maximum Demand Register 12 - Reactive
energy import (+R) - rate 1	@981 1-0:3.6.0.255 4	Maximum Demand Register 11 - Reactive
energy import (+R)	@973 1-0:2.6.4.255 4	Maximum Demand Register 10 - Active energy
export (-A) - rate 4	@965 1-0:2.6.3.255 4	Maximum Demand Register 9 - Active energy
export (-A) - rate 3	@957 1-0:2.6.2.255 4	Maximum Demand Register 8 - Active energy
export (-A) - rate 2	@949 1-0:2.6.1.255 4	Maximum Demand Register 7 - Active energy
export (-A) - rate 1	@941 1-0:2.6.0.255 4	Maximum Demand Register 6 - Active energy
export (-A)	@933 1-0:1.6.4.255 4	Maximum Demand Register 5 - Active energy
import (+A) - rate 4	@925 1-0:1.6.3.255 4	Maximum Demand Register 4 - Active energy
import (+A) - rate 3	@917 1-0:1.6.2.255 4	Maximum Demand Register 3 - Active energy
import (+A) - rate 2	@909 1-0:1.6.1.255 4	Maximum Demand Register 2 - Active energy
import (+A) - rate 1	@901 1-0:1.6.0.255 4	Maximum Demand Register 1 - Active energy
import (+A)	@ 1-0:16.27.0.255 5	
	@ 1-0:15.27.0.255 5	
	@ 1-0:4.27.0.255 5	
	@ 1-0:3.27.0.255 5	
	@ 1-0:2.27.0.255 5	
	@ 1-0:1.27.0.255 5	
	@ 1-0:14.27.0.255 5	
	@ 1-0:13.27.0.255 5	
	@ 1-0:31.27.0.255 5	
	@ 1-0:32.27.0.255 5	
@1369 1-0:31.4.0.255 5		Sliding Average current L1 (for fuse
supervision)		
@1524 1-0:15.24.0.255 5		Average Total Power (+A + -A)
@1511 1-0:16.24.0.255 5		Average Net Power (+A - -A)
@1498 1-0:1.24.0.255 5		Average Import Power (+A)
@840 1-0:10.4.0.255 5		Demand Register 6 - Apparent energy export
(-VA)		


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(+VA) @827 1-0:9.4.0.255|5 Demand Register 5 - Apparent energy import
(-R) @814 1-0:4.4.0.255|5 Demand Register 4 - Reactive energy export
(+R) @801 1-0:3.4.0.255|5 Demand Register 3 - Reactive energy import
(-A) @788 1-0:2.4.0.255|5 Demand Register 2 - Active energy export
(+A) @775 1-0:1.4.0.255|5 Demand Register 1 - Active energy import

@ 0-10:96.3.10.255|70
@181 0-0:96.3.10.255|70 Disconnect control
@ 1-0:1.4.128.255|3
@225 0-0:17.0.0.255|71 Limiter
@ 0-0:199.2.0.255|30012
@388 0-0:44.0.0.255|18 Image transfer
@ 0-0:97.98.13.255|1
@ 0-0:97.98.12.255|1
@ 0-0:97.98.3.255|1
@ 0-0:97.98.2.255|1
@283 0-0:97.98.11.255|1 Alarm Filter 2
@279 0-0:97.98.1.255|1 Alarm Register 2
@ 0-0:97.98.23.255|1
@ 0-0:97.98.22.255|1
@287 0-0:97.98.21.255|1 Alarm Descriptor 2
@265 0-0:97.98.10.255|1 Alarm Filter 1
@261 0-0:97.98.0.255|1 Alarm Register 1
@269 0-0:97.98.20.255|1 Alarm Descriptor 1
@257 0-0:97.97.0.255|1 Error Register
@ 0-0:40.0.1.255|15
@ 0-0:40.0.2.255|12
@94 1-0:0.9.11.255|3 Clock Time Shift Limit
@176 0-0:10.0.106.255|9 Disconnect script table
@86 1-0:0.9.1.255|1 Local Time
@90 1-0:0.9.2.255|1 Local Date
@ 0-0:199.19.0.255|30020
@ 0-0:199.22.0.255|30098
@ 0-0:199.22.1.255|30098
@9 0-0:40.0.0.255|15 Current association

```

```

*****
Test Case 4 : Get public attributes, 15 item(s)
*****

```

```
Public Get SAP Assignment 0-0:41.0.0.255 (@4)
```

```
(1) .logical_name
```

```
PASSED
```

```
<Data>
  <OctetString Value="0000290000FF" />
</Data>
```

```
(2) .SAP_assignment_list
```

```
PASSED
```

```
<Data>
  <Array Qty="0001" >
```

```
        <Structure Qty="0002" >
            <LongUnsigned Value="0001" />
            <OctetString Value="\LGZ1020061159892" />
        </Structure>
    </Array>
</Data>
```

Public Get Current association 0-0:40.0.0.255 (@9)

(3) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0000280000FF" />
    </Data>
```

(4) .associated_partners_id

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="10" />
            <LongUnsigned Value="0001" />
        </Structure>
    </Data>
```

(5) .application_context_name

PASSED

```
    <Data>
        <Structure Qty="0007" >
            <Unsigned Value="02" />
            <Unsigned Value="10" />
            <LongUnsigned Value="02F4" />
            <Unsigned Value="05" />
            <Unsigned Value="08" />
            <Unsigned Value="01" />
            <Unsigned Value="01" />
        </Structure>
    </Data>
```

(6) .xDLMS_context_info

PASSED

```
    <Data>
        <Structure Qty="0006" >
            <BitString Value="000000000001001000010100" />
            <LongUnsigned Value="04C8" />
            <LongUnsigned Value="04C8" />
            <Unsigned Value="06" />
            <Integer Value="00" />
            <OctetString Value="FFFFFFFFFFFF" />
        </Structure>
    </Data>
```

(7) .authentication_mechanism_name

PASSED

```
    <Data>
        <Structure Qty="0007" >
            <Unsigned Value="02" />
            <Unsigned Value="10" />
            <LongUnsigned Value="02F4" />
            <Unsigned Value="05" />
        </Structure>
    </Data>
```

```
        <Unsigned Value="08" />
        <Unsigned Value="02" />
        <Unsigned Value="00" />
    </Structure>
</Data>
```

(8) .association_status

PASSED

```
    <Data>
        <Enum Value="02" />
    </Data>
```

(9) .security_setup_reference

PASSED

```
    <Data>
        <OctetString Value="00002B0000FF" />
    </Data>
```

Public Get Security - Receive frame counter - broadcast key 0-0:43.1.1.255

(@33)

(10) .logical_name

PASSED

```
    <Data>
        <OctetString Value="00002B0101FF" />
    </Data>
```

(11) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

Public Get Security - Receive frame counter - unicast key 0-0:43.1.0.255

(@37)

(12) .logical_name

PASSED

```
    <Data>
        <OctetString Value="00002B0100FF" />
    </Data>
```

(13) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="7DF31376" />
    </Data>
```

Public Get COSEM logical device name 0-0:42.0.0.255 (@42)

(14) .logical_name

PASSED

```
    <Data>
        <OctetString Value="00002A0000FF" />
    </Data>
```

(15) .value

PASSED

```
    <Data>
        <OctetString Value="\LGZ1020061159892" />
    </Data>
```

Test Case 5 : Get mngmt attributes, 1314 item(s)

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)

(1) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000290000FF" />  
</Data>
```

(2) .SAP_assignment_list

PASSED

```
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0001" />  
      <OctetString Value="\LGZ1020061159892" />  
    </Structure>  
  </Array>  
</Data>
```

Mngmt Get Current association 0-0:40.0.0.255 (@9)

(3) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000280000FF" />  
</Data>
```

(4) .associated_partners_id

PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="01" />  
    <LongUnsigned Value="0001" />  
  </Structure>  
</Data>
```

(5) .application_context_name

PASSED

```
<Data>  
  <Structure Qty="0007" >  
    <Unsigned Value="02" />  
    <Unsigned Value="10" />  
    <LongUnsigned Value="02F4" />  
    <Unsigned Value="05" />  
    <Unsigned Value="08" />  
    <Unsigned Value="01" />  
    <Unsigned Value="03" />  
  </Structure>  
</Data>
```

(6) .xDLMS_context_info

PASSED

```
<Data>  
  <Structure Qty="0006" >  
    <BitString Value="000000000001101000011101" />  
    <LongUnsigned Value="04C8" />  
  </Structure>  
</Data>
```

```
        <LongUnsigned Value="04C8" />
        <Unsigned Value="06" />
        <Integer Value="00" />
        <OctetString Value="FFFFFFFFFFFF" />
    </Structure>
</Data>
(7) .authentication_mechanism_name
PASSED
    <Data>
        <Structure Qty="0007" >
            <Unsigned Value="02" />
            <Unsigned Value="10" />
            <LongUnsigned Value="02F4" />
            <Unsigned Value="05" />
            <Unsigned Value="08" />
            <Unsigned Value="02" />
            <Unsigned Value="05" />
        </Structure>
    </Data>
(8) .association_status
PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(9) .security_setup_reference
PASSED
    <Data>
        <OctetString Value="00002B0000FF" />
    </Data>

Mngmt Get Security setup 0-0:43.0.0.255 (@24)
(10) .logical_name
PASSED
    <Data>
        <OctetString Value="00002B0000FF" />
    </Data>
(11) .security_policy
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(12) .security_suite
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(13) .client_system_title
PASSED
    <Data>
        <OctetString Value="4C475A6603A539D4" />
    </Data>
(14) .server_system_title
PASSED
    <Data>
```

```
    <OctetString Value="4C475A6603A539D4" />
  </Data>
```

Mngmt Get Security - Receive frame counter - broadcast key 0-0:43.1.1.255 (@33)

```
(15) .logical_name
PASSED
  <Data>
    <OctetString Value="00002B0101FF" />
  </Data>
```

```
(16) .value
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

Mngmt Get Security - Receive frame counter - unicast key 0-0:43.1.0.255 (@37)

```
(17) .logical_name
PASSED
  <Data>
    <OctetString Value="00002B0100FF" />
  </Data>
```

```
(18) .value
PASSED
  <Data>
    <DoubleLongUnsigned Value="7DF31439" />
  </Data>
```

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)

```
(19) .logical_name
PASSED
  <Data>
    <OctetString Value="00002A0000FF" />
  </Data>
```

```
(20) .value
PASSED
  <Data>
    <OctetString Value="\LGZ1020061159892" />
  </Data>
```

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)

```
(21) .logical_name
PASSED
  <Data>
    <OctetString Value="0000600100FF" />
  </Data>
```

```
(22) .value
PASSED
  <Data>
    <OctetString Value="\61159892" />
  </Data>
```

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)

(23) .logical_name
PASSED
 <Data>
 <OctetString Value="0000600101FF" />
 </Data>

(24) .value
PASSED
 <Data>
 <OctetString Value="\Device ID 2" />
 </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)

(25) .logical_name
PASSED
 <Data>
 <OctetString Value="0000600102FF" />
 </Data>

(26) .value
PASSED
 <Data>
 <OctetString Value="\Device ID 3" />
 </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)

(27) .logical_name
PASSED
 <Data>
 <OctetString Value="0000600103FF" />
 </Data>

(28) .value
PASSED
 <Data>
 <OctetString Value="\Device ID 4" />
 </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)

(29) .logical_name
PASSED
 <Data>
 <OctetString Value="0000600104FF" />
 </Data>

(30) .value
PASSED
 <Data>
 <OctetString Value="\Device ID 5" />
 </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)

(31) .logical_name
PASSED
 <Data>
 <OctetString Value="0000600105FF" />
 </Data>

(32) .value

PASSED

```
<Data>
  <OctetString Value="\Device ID 6" />
</Data>
```

Mngmt Get Currently active energy tariff 0-0:96.14.0.255 (@70)
(33) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600E00FF" />
</Data>
```

(34) .value

PASSED

```
<Data>
  <OctetString Value="5241544531000000" />
</Data>
```

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(35) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000010000FF" />
</Data>
```

(36) .time

PASSED

```
<Data>
  <OctetString Value="07E8081A010B0233FF800080" />
</Data>
```

(37) .time_zone

PASSED

```
<Data>
  <Long Value="FFC4" />
</Data>
```

(38) .status

PASSED

```
<Data>
  <Unsigned Value="80" />
</Data>
```

(39) .daylights_savings_begin

PASSED

```
<Data>
  <OctetString Value="FFFF03FE07020000008000FF" />
</Data>
```

(40) .daylights_savings_end

PASSED

```
<Data>
  <OctetString Value="FFFF0AFE07030000008000FF" />
</Data>
```

(41) .daylights_savings_deviation

PASSED

```
<Data>
  <Integer Value="3C" />
</Data>
```

(42) .daylights_savings_enabled

PASSED

```
<Data>
  <Boolean Value="01" />
</Data>
```

(43) .clock_base

PASSED

```
<Data>
  <Enum Value="01" />
</Data>
```

Mngmt Get Local Time 1-0:0.9.1.255 (@86)

(44) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100000901FF" />
</Data>
```

(45) .value

PASSED

```
<Data>
  <OctetString Value="0B0300FF" />
</Data>
```

Mngmt Get Local Date 1-0:0.9.2.255 (@90)

(46) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100000902FF" />
</Data>
```

(47) .value

PASSED

```
<Data>
  <OctetString Value="07E8081A01" />
</Data>
```

Mngmt Get Clock Time Shift Limit 1-0:0.9.11.255 (@94)

(48) .logical_name

PASSED

```
<Data>
  <OctetString Value="010000090BFF" />
</Data>
```

(49) .value

PASSED

```
<Data>
  <Unsigned Value="3C" />
</Data>
```

(50) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="07" />
  </Structure>
</Data>
```

Mngmt Get NTP setup 0-0:25.10.0.255 (@100)

(51) .logical_name

INAPPLICABLE

Optional object is not implemented

(52) .activated

INAPPLICABLE

Optional object is not implemented

(53) .server_address

INAPPLICABLE

Optional object is not implemented

(54) .server_port

INAPPLICABLE

Optional object is not implemented

(55) .authentication_method

INAPPLICABLE

Optional object is not implemented

Mngmt Get Activity Calendar 0-0:13.0.0.255 (@112)

(56) .logical_name

PASSED

<Data>

<OctetString Value="00000D0000FF" />

</Data>

(57) .calendar_name_active

PASSED

<Data>

<OctetString Value="\ACTIVE" />

</Data>

(58) .season_profile_active

PASSED

<Data>

<Array Qty="0001" >

<Structure Qty="0003" >

<OctetString Value="00" />

<OctetString Value="FFFF0101FF000000008000FF" />

<OctetString Value="01" />

</Structure>

</Array>

</Data>

(59) .week_profile_table_active

PASSED

<Data>

<Array Qty="0001" >

<Structure Qty="0008" >

<OctetString Value="01" />

<Unsigned Value="01" />

<Unsigned Value="01" />

<Unsigned Value="01" />

<Unsigned Value="01" />

<Unsigned Value="01" />

<Unsigned Value="01" />

<Unsigned Value="01" />

</Structure>

</Array>

```

    </Data>
(60) .day_profile_table_active
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <Unsigned Value="01" />
                <Array Qty="0001" >
                    <Structure Qty="0003" >
                        <OctetString Value="00000000" />
                        <OctetString Value="00000A0064FF" />
                        <LongUnsigned Value="0001" />
                    </Structure>
                </Array>
            </Structure>
        </Array>
    </Data>
(61) .calendar_name_passive
PASSED
    <Data>
        <OctetString Value="\CNP_CFE7" />
    </Data>
(62) .season_profile_passive
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(63) .week_profile_table_passive
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(64) .day_profile_table_passive
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(65) .activate_passive_calendar_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>

Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)
(66) .logical_name
PASSED
    <Data>
        <OctetString Value="00000B0000FF" />
    </Data>
(67) .entries
PASSED

```

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Get Register activation - Energy 0-0:14.0.1.255 (@129)

(68) .logical_name

PASSED

```
<Data>
  <OctetString Value="00000E0001FF" />
</Data>
```

(69) .register_assignment

PASSED

```
<Data>
  <Array Qty="0029" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010801FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010802FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010803FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010804FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020801FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020802FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020803FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020804FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100030801FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100030802FF" />
    </Structure>
  </Array>
</Data>
```

```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060803FF" />
</Structure>
<Structure Qty="0002" >
```

```
<LongUnsigned Value="0003" />
<OctetString Value="0100060804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600805FF" />
</Structure>
```

```

</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600806FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600807FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600808FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0000600809FF" />
</Structure>
</Array>
</Data>
(70) .mask_list
PASSED
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="5241544531000000" />
      <Array Qty="0005" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="21" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544532000000" />
      <Array Qty="0005" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="22" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544533000000" />
      <Array Qty="0005" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="23" />
      </Array>
    </Structure>
    <Structure Qty="0002" >

```

```

        <OctetString Value="5241544534000000" />
        <Array Qty="0005" >
            <Unsigned Value="04" />
            <Unsigned Value="08" />
            <Unsigned Value="0C" />
            <Unsigned Value="10" />
            <Unsigned Value="24" />
        </Array>
    </Structure>
</Array>
</Data>
(71) .active_mask
PASSED
    <Data>
        <OctetString Value="5241544531000000" />
    </Data>

Mngmt Get Register activation - Maximum Demand 0-0:14.0.2.255 (@135)
(72) .logical_name
PASSED
    <Data>
        <OctetString Value="00000E0002FF" />
    </Data>
(73) .register_assignment
PASSED
    <Data>
        <Array Qty="0010" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010601FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010602FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010603FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010604FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100020601FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100020602FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100020603FF" />
            </Structure>
        </Array>
    </Data>

```



```

</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100020604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100030601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100030602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100030603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100030604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040604FF" />
</Structure>
</Array>
</Data>

```

(74) .mask_list
 PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="5241544531000000" />
      <Array Qty="0004" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544532000000" />
    </Structure>
  </Array>

```

```

        <Array Qty="0004" >
            <Unsigned Value="02" />
            <Unsigned Value="06" />
            <Unsigned Value="0A" />
            <Unsigned Value="0E" />
        </Array>
    </Structure>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="5241544533000000" />
    <Array Qty="0004" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="5241544534000000" />
    <Array Qty="0004" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
    </Array>
</Structure>
</Array>
</Data>
(75) .active_mask
PASSED
    <Data>
        <OctetString Value="5241544531000000" />
    </Data>

Mngmt Get Tariffication script table 0-0:10.0.100.255 (@141)
(76) .logical_name
PASSED
    <Data>
        <OctetString Value="00000A0064FF" />
    </Data>
(77) .scripts
PASSED
    <Data>
        <Array Qty="0004" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0001" />
                <Array Qty="0002" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0006" />
                        <OctetString Value="00000E0001FF" />
                        <Integer Value="04" />
                        <OctetString Value="5241544531000000" />
                    </Structure>
                </Array>
            </Structure>
        </Array>
    </Data>

```

```

        <Enum Value="01" />
        <LongUnsigned Value="0006" />
        <OctetString Value="00000E0002FF" />
        <Integer Value="04" />
        <OctetString Value="5241544531000000" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0002" />
    <Array Qty="0002" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="5241544532000000" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="5241544532000000" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <Array Qty="0002" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="5241544533000000" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="5241544533000000" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0002" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />

```

```
        <OctetString Value="5241544534000000" />
      </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="5241544534000000" />
    </Structure>
  </Array>
</Structure>
</Array>
</Data>
```

Mngmt Get Predefined Scripts - MDI reset / end of billing period

0-0:10.0.1.255 (@147)

(78) .logical_name

PASSED

```
  <Data>
    <OctetString Value="00000A0001FF" />
  </Data>
```

(79) .scripts

INAPPLICABLE

Optional access right not available

Mngmt Get End of billing period 1 scheduler 0-0:15.0.0.255 (@152)

(80) .logical_name

PASSED

```
  <Data>
    <OctetString Value="00000F0000FF" />
  </Data>
```

(81) .executed_script

PASSED

```
  <Data>
    <Structure Qty="0002" >
      <OctetString Value="00000A0001FF" />
      <LongUnsigned Value="0001" />
    </Structure>
  </Data>
```

(82) .type

PASSED

```
  <Data>
    <Enum Value="01" />
  </Data>
```

(83) .execution_time

PASSED

```
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0002" >
        <OctetString Value="00000000" />
        <OctetString Value="FFFFFF01FF" />
      </Structure>
    </Array>
  </Data>
```

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(84) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0000620100FF" />  
</Data>
```

(85) .capture_objects
PASSED

```
<Data>  
  <Array Qty="0005" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010801FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010802FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020801FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020802FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
  </Array>  
</Data>
```

(86) .capture_period
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(87) .sort_method
PASSED

```
<Data>  
  <Enum Value="01" />  
</Data>
```

(88) .sort_object

PASSED

```
<Data>
  <Structure Qty="0004" >
    <LongUnsigned Value="0000" />
    <OctetString Value="000000000000" />
    <Integer Value="00" />
    <LongUnsigned Value="0000" />
  </Structure>
</Data>
```

(89) .entries_in_use

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000005" />
</Data>
```

(90) .profile_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="0000002E" />
</Data>
```

Mngmt Get Disconnect control scheduler 0-0:15.0.1.255 (@170)

(91) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(92) .executed_script

INAPPLICABLE

Object is not required according to OM and/or extensions

(93) .type

INAPPLICABLE

Object is not required according to OM and/or extensions

(94) .execution_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Disconnect script table 0-0:10.0.106.255 (@176)

(95) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(96) .scripts

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Disconnect control 0-0:96.3.10.255 (@181)

(97) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(98) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions

(99) .control_state

INAPPLICABLE

Object is not required according to OM and/or extensions

(100) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Object - Disconnecter Control log 0-0:96.11.2.255 (@189)
(101) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(102) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(103) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(104) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(105) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(106) .sort_method

INAPPLICABLE

Object is not required according to OM and/or extensions

(107) .sort_object

INAPPLICABLE

Object is not required according to OM and/or extensions

(108) .entries_in_use

INAPPLICABLE

Object is not required according to OM and/or extensions

(109) .profile_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Load Mgmt script table 0-0:10.0.103.255 (@204)
(110) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(111) .scripts

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Load Mgmt - Relay control 1 0-1:96.3.10.255 (@209)
(112) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(113) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions

(114) .control_state

INAPPLICABLE

Object is not required according to OM and/or extensions

(115) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Load Mgmt - Relay control 2 0-2:96.3.10.255 (@217)
(116) .logical_name
INAPPLICABLE
Optional object is not implemented
(117) .output_state
INAPPLICABLE
Optional object is not implemented
(118) .control_state
INAPPLICABLE
Optional object is not implemented
(119) .control_mode
INAPPLICABLE
Optional object is not implemented

Mngmt Get Limiter 0-0:17.0.0.255 (@225)
(120) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(121) .monitored_value
INAPPLICABLE
Object is not required according to OM and/or extensions
(122) .threshold_active
INAPPLICABLE
Object is not required according to OM and/or extensions
(123) .threshold_normal
INAPPLICABLE
Object is not required according to OM and/or extensions
(124) .treshold_emergency
INAPPLICABLE
Object is not required according to OM and/or extensions
(125) .min_over_threshold_duration
INAPPLICABLE
Object is not required according to OM and/or extensions
(126) .min_under_threshold_duration
INAPPLICABLE
Object is not required according to OM and/or extensions
(127) .emergency_profile
INAPPLICABLE
Object is not required according to OM and/or extensions
(128) .emergency_profile_group_id_list
INAPPLICABLE
Object is not required according to OM and/or extensions
(129) .emergency_profile_active
INAPPLICABLE
Object is not required according to OM and/or extensions
(130) .actions
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Supervision monitor 1 - Fuse supervision L1 1-0:31.4.0.255 (@238)
(131) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(132) .thresholds
INAPPLICABLE
Object is not required according to OM and/or extensions
(133) .monitored_value
INAPPLICABLE
Object is not required according to OM and/or extensions
(134) .actions
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Supervision monitor 2 - Fuse supervision L2 1-0:51.4.0.255 (@244)
(135) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(136) .thresholds
INAPPLICABLE
Object is not required according to OM and/or extensions
(137) .monitored_value
INAPPLICABLE
Object is not required according to OM and/or extensions
(138) .actions
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Supervision monitor 3 - Fuse supervision L3 1-0:71.4.0.255 (@250)
(139) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(140) .thresholds
INAPPLICABLE
Object is not required according to OM and/or extensions
(141) .monitored_value
INAPPLICABLE
Object is not required according to OM and/or extensions
(142) .actions
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Error Register 0-0:97.97.0.255 (@257)
(143) .logical_name
PASSED
<Data>
<OctetString Value="0000616100FF" />
</Data>
(144) .value
PASSED
<Data>
<DoubleLongUnsigned Value="02000000" />
</Data>

Mngmt Get Alarm Register 1 0-0:97.98.0.255 (@261)
(145) .logical_name
PASSED
<Data>

```

        <OctetString Value="0000616200FF" />
    </Data>
(146) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00002000" />
    </Data>

Mngmt Get Alarm Filter 1 0-0:97.98.10.255 (@265)
(147) .logical_name
PASSED
    <Data>
        <OctetString Value="000061620AFF" />
    </Data>
(148) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00003F01" />
    </Data>

Mngmt Get Alarm Descriptor 1 0-0:97.98.20.255 (@269)
(149) .logical_name
PASSED
    <Data>
        <OctetString Value="0000616214FF" />
    </Data>
(150) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00002001" />
    </Data>

Mngmt Get Alarm Monitor 1 0-0:16.1.0.255 (@273)
(151) .logical_name
PASSED
    <Data>
        <OctetString Value="0000100100FF" />
    </Data>
(152) .thresholds
PASSED
    <Data>
        <Array Qty="0001" >
            <DoubleLongUnsigned Value="00000000" />
        </Array>
    </Data>
(153) .monitored_value
PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="0000616214FF" />
            <Integer Value="02" />
        </Structure>
    </Data>

```

(154) .actions
PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0004" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Get Alarm Register 2 0-0:97.98.1.255 (@279)

(155) .logical_name
PASSED

```
<Data>
  <OctetString Value="0000616201FF" />
</Data>
```

(156) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00040003" />
</Data>
```

Mngmt Get Alarm Filter 2 0-0:97.98.11.255 (@283)

(157) .logical_name
PASSED

```
<Data>
  <OctetString Value="000061620BFF" />
</Data>
```

(158) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="80047427" />
</Data>
```

Mngmt Get Alarm Descriptor 2 0-0:97.98.21.255 (@287)

(159) .logical_name
PASSED

```
<Data>
  <OctetString Value="0000616215FF" />
</Data>
```

(160) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00040003" />
</Data>
```

Mngmt Get Alarm Monitor 2 0-0:16.1.1.255 (@291)

(161) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0000100101FF" />  
</Data>
```

(162) .thresholds
PASSED

```
<Data>  
  <Array Qty="0001" >  
    <DoubleLongUnsigned Value="00000000" />  
  </Array>  
</Data>
```

(163) .monitored_value
PASSED

```
<Data>  
  <Structure Qty="0003" >  
    <LongUnsigned Value="0001" />  
    <OctetString Value="0000616215FF" />  
    <Integer Value="02" />  
  </Structure>  
</Data>
```

(164) .actions
PASSED

```
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0002" >  
      <Structure Qty="0002" >  
        <OctetString Value="00000A006CFF" />  
        <LongUnsigned Value="0004" />  
      </Structure>  
      <Structure Qty="0002" >  
        <OctetString Value="00000A006CFF" />  
        <LongUnsigned Value="0000" />  
      </Structure>  
    </Structure>  
  </Array>  
</Data>
```

Mngmt Get Event Object - Standard Event Log 0-0:96.11.0.255 (@297)

(165) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0000600B00FF" />  
</Data>
```

(166) .value
PASSED

```
<Data>  
  <Enum Value="E3" />  
</Data>
```

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)

(167) .logical_name
PASSED

```
<Data>
```

```

        <OctetString Value="0000636200FF" />
    </Data>
(168) .capture_objects
PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600B00FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(169) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(170) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(171) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(172) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000001F" />
    </Data>
(173) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000091" />
    </Data>

Mngmt Get Event Object - Fraud Detection Log 0-0:96.11.1.255 (@312)
(174) .logical_name
PASSED

```

```
    <Data>
      <OctetString Value="0000600B01FF" />
    </Data>
(175) .value
PASSED
    <Data>
      <Enum Value="00" />
    </Data>

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
(176) .logical_name
PASSED
    <Data>
      <OctetString Value="0000636201FF" />
    </Data>
(177) .capture_objects
PASSED
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B01FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
(178) .capture_period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(179) .sort_method
PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(180) .sort_object
PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0000" />
        <OctetString Value="000000000000" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(181) .entries_in_use
```

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000007" />
</Data>
```

(182) .profile_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000048" />
</Data>
```

Mngmt Get Event Object - Communication Log 0-0:96.11.5.255 (@327)

(183) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600B05FF" />
</Data>
```

(184) .value

PASSED

```
<Data>
  <Enum Value="9E" />
</Data>
```

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)

(185) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000636205FF" />
</Data>
```

(186) .capture_objects

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B05FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(187) .capture_period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(188) .sort_method

PASSED

```
<Data>
```

```
        <Enum Value="01" />
    </Data>
```

(189) .sort_object
PASSED

```
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
```

(190) .entries_in_use
PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000007" />
    </Data>
```

(191) .profile_entries
PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000091" />
    </Data>
```

Mngmt Get Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)

(192) .logical_name
PASSED

```
    <Data>
        <OctetString Value="0000600D01FF" />
    </Data>
```

(193) .value
PASSED

```
    <Data>
        <OctetString Value="00" />
    </Data>
```

Mngmt Get Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)

(194) .logical_name
PASSED

```
    <Data>
        <OctetString Value="0000600D00FF" />
    </Data>
```

(195) .value
PASSED

```
    <Data>
        <OctetString Value="\Consumer Message Text" />
    </Data>
```

Mngmt Get Push action scheduler - Consumer Information 0-4:15.0.4.255 (@351)

(196) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions

(197) .executed_script
INAPPLICABLE

Object is not required according to OM and/or extensions

(198) .type
INAPPLICABLE
Object is not required according to OM and/or extensions
(199) .execution_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Push setup - Consumer Information 0-6:25.9.0.255 (@357)
(200) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(201) .push_object_list
INAPPLICABLE
Object is not required according to OM and/or extensions
(202) .send_destination_and_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(203) .communication_window
INAPPLICABLE
Object is not required according to OM and/or extensions
(204) .randomisation_start_interval
INAPPLICABLE
Object is not required according to OM and/or extensions
(205) .number_of_retries
INAPPLICABLE
Object is not required according to OM and/or extensions
(206) .repetition_delay
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Security setup - Consumer Information 0-0:43.0.1.255 (@367)
(207) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(208) .security_policy
INAPPLICABLE
Object is not required according to OM and/or extensions
(209) .security_suite
INAPPLICABLE
Object is not required according to OM and/or extensions
(210) .client_system_title
INAPPLICABLE
Object is not required according to OM and/or extensions
(211) .server_system_title
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255
(@376)
(212) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(213) .comm_speed
INAPPLICABLE

Object is not required according to OM and/or extensions
(214) .window_size_transmit
INAPPLICABLE
Object is not required according to OM and/or extensions
(215) .window_size_receive
INAPPLICABLE
Object is not required according to OM and/or extensions
(216) .max_info_field_lenght_transmit
INAPPLICABLE
Object is not required according to OM and/or extensions
(217) .max_info_field_lenght_receive
INAPPLICABLE
Object is not required according to OM and/or extensions
(218) .inter_octet_time_out
INAPPLICABLE
Object is not required according to OM and/or extensions
(219) .inactivity_time_out
INAPPLICABLE
Object is not required according to OM and/or extensions
(220) .device_address
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Image transfer 0-0:44.0.0.255 (@388)

(221) .logical_name

PASSED

```
<Data>  
  <OctetString Value="00002C0000FF" />  
</Data>
```

(222) .image_block_size

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000487" />  
</Data>
```

(223) .image_transferred_block_status

PASSED

```
<Data>  
  <BitString Value="00" />  
</Data>
```

(224) .image_first_not_transferred_block_number

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(225) .image_transfer_enabled

PASSED

```
<Data>  
  <Boolean Value="01" />  
</Data>
```

(226) .image_transfer status

PASSED

```
<Data>  
  <Enum Value="00" />  
</Data>
```

(227) .image_to_activate_info
PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <DoubleLongUnsigned Value="00000000" />
      <OctetString Value="000000000000000000000000" />
      <OctetString
Value="0000000000000000000000000000000000000000000000000000000000000000" />
    </Structure>
  </Array>
</Data>
```

Mngmt Get Image transfer activation scheduler 0-0:15.0.2.255 (@401)

(228) .logical_name
PASSED

```
<Data>
  <OctetString Value="00000F0002FF" />
</Data>
```

(229) .executed_script
PASSED

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006BFF" />
    <LongUnsigned Value="0001" />
  </Structure>
</Data>
```

(230) .type
PASSED

```
<Data>
  <Enum Value="01" />
</Data>
```

(231) .execution_time
PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <OctetString Value="FFFFFFFF" />
      <OctetString Value="FFFFFFFF" />
    </Structure>
  </Array>
</Data>
```

Mngmt Get Predefined Scripts - Image activation 0-0:10.0.107.255 (@407)

(232) .logical_name
PASSED

```
<Data>
  <OctetString Value="00000A006BFF" />
</Data>
```

(233) .scripts
INAPPLICABLE

Optional access right not available

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)

(234) .logical_name
PASSED
 <Data>
 <OctetString Value="0100000200FF" />
 </Data>

(235) .value
PASSED
 <Data>
 <OctetString Value="\V750226" />
 </Data>

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)

(236) .logical_name
PASSED
 <Data>
 <OctetString Value="0100000208FF" />
 </Data>

(237) .value
PASSED
 <Data>
 <OctetString Value="\54FC3CA4" />
 </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)

(238) .logical_name
PASSED
 <Data>
 <OctetString Value="0101000200FF" />
 </Data>

(239) .value
PASSED
 <Data>
 <OctetString Value="\V750526" />
 </Data>

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)

(240) .logical_name
INAPPLICABLE
 Optional object is not implemented

(241) .value
INAPPLICABLE
 Optional object is not implemented

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)

(242) .logical_name
INAPPLICABLE
 Optional object is not implemented

(243) .value
INAPPLICABLE
 Optional object is not implemented

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)

(244) .logical_name
INAPPLICABLE

Optional object is not implemented
(245) .value
INAPPLICABLE
Optional object is not implemented

Mngmt Get Active energy import (+A) 1-0:1.8.0.255 (@437)
(246) .logical_name
PASSED
<Data>
 <OctetString Value="0100010800FF" />
</Data>

(247) .value
PASSED
<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>

(248) .scaler_unit
PASSED
<Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="1E" />
 </Structure>
</Data>

Mngmt Get Active energy export (-A) 1-0:2.8.0.255 (@443)
(249) .logical_name
PASSED
<Data>
 <OctetString Value="0100020800FF" />
</Data>

(250) .value
PASSED
<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>

(251) .scaler_unit
PASSED
<Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="1E" />
 </Structure>
</Data>

Mngmt Get Active energy (|+A|+|-A|) Combined total 1-0:15.8.0.255 (@449)
(252) .logical_name
PASSED
<Data>
 <OctetString Value="01000F0800FF" />
</Data>

(253) .value
PASSED
<Data>

```

        <DoubleLongUnsigned Value="00000000" />
    </Data>
(254) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy (|+A|-|-A|) Combined total 1-0:16.8.0.255 (@455)
(255) .logical_name
PASSED
    <Data>
        <OctetString Value="0100100800FF" />
    </Data>
(256) .value
PASSED
    <Data>
        <DoubleLong Value="00000000" />
    </Data>
(257) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Reactive energy QI (+Ri) 1-0:5.8.0.255 (@461)
(258) .logical_name
PASSED
    <Data>
        <OctetString Value="0100050800FF" />
    </Data>
(259) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(260) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy QII (+Rc) 1-0:6.8.0.255 (@467)
(261) .logical_name
PASSED

```

```

    <Data>
      <OctetString Value="0100060800FF" />
    </Data>
(262) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(263) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy QIII (-Ri) 1-0:7.8.0.255 (@473)
(264) .logical_name
PASSED
    <Data>
      <OctetString Value="0100070800FF" />
    </Data>
(265) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(266) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy QIV (-Rc) 1-0:8.8.0.255 (@479)
(267) .logical_name
PASSED
    <Data>
      <OctetString Value="0100080800FF" />
    </Data>
(268) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(269) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

```

```
    </Structure>
  </Data>
```

Mngmt Get Reactive energy import (+R) (QI+QII) 1-0:3.8.0.255 (@485)
(270) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100030800FF" />
  </Data>
```

(271) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(272) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>
```

Mngmt Get Reactive energy export (-R) (QIII+QIV) 1-0:4.8.0.255 (@491)
(273) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100040800FF" />
  </Data>
```

(274) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(275) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>
```

Mngmt Get Apparent energy import (+VA) (QI+QIV) 1-0:9.8.0.255 (@497)
(276) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100090800FF" />
  </Data>
```

(277) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```


(278) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1F" />  
  </Structure>  
</Data>
```

Mngmt Get Apparent energy export (-VA) (QII+QIII) 1-0:10.8.0.255 (@503)

(279) .logical_name
PASSED

```
<Data>  
  <OctetString Value="01000A0800FF" />  
</Data>
```

(280) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(281) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1F" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy import (+A) rate 1 1-0:1.8.1.255 (@510)

(282) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100010801FF" />  
</Data>
```

(283) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(284) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy import (+A) rate 2 1-0:1.8.2.255 (@516)

(285) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100010802FF" />
```

```

    </Data>
(286) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(287) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 3 1-0:1.8.3.255 (@522)
(288) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010803FF" />
    </Data>
(289) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(290) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 4 1-0:1.8.4.255 (@528)
(291) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010804FF" />
    </Data>
(292) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(293) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

```

Mngmt Get Active energy export (-A) rate 1 1-0:2.8.1.255 (@534)
(294) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020801FF" />  
</Data>
```

(295) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(296) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy export (-A) rate 2 1-0:2.8.2.255 (@540)
(297) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020802FF" />  
</Data>
```

(298) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(299) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy export (-A) rate 3 1-0:2.8.3.255 (@546)
(300) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020803FF" />  
</Data>
```

(301) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(302) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Active energy export (-A) rate 4 1-0:2.8.4.255 (@552)
(303) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100020804FF" />
</Data>
```

(304) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(305) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 1 1-0:3.8.1.255 (@558)
(306) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100030801FF" />
</Data>
```

(307) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(308) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 2 1-0:3.8.2.255 (@564)
(309) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100030802FF" />
</Data>
```

(310) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(311) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 3 1-0:3.8.3.255 (@570)

(312) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100030803FF" />
</Data>
```

(313) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(314) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 4 1-0:3.8.4.255 (@576)

(315) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100030804FF" />
</Data>
```

(316) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(317) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (-R) rate 1 1-0:4.8.1.255 (@582)

```

(318) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040801FF" />
    </Data>
(319) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(320) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (-R) rate 2 1-0:4.8.2.255 (@588)
(321) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040802FF" />
    </Data>
(322) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(323) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (-R) rate 3 1-0:4.8.3.255 (@594)
(324) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040803FF" />
    </Data>
(325) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(326) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >

```

```
        <Integer Value="00" />
        <Enum Value="20" />
    </Structure>
</Data>
```

Mngmt Get Reactive energy (-R) rate 4 1-0:4.8.4.255 (@600)
(327) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100040804FF" />
    </Data>
```

(328) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(329) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>
```

Mngmt Get Reactive energy (QI) rate 1 1-0:5.8.1.255 (@606)
(330) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100050801FF" />
    </Data>
```

(331) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(332) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>
```

Mngmt Get Reactive energy (QI) rate 2 1-0:5.8.2.255 (@612)
(333) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100050802FF" />
    </Data>
```

(334) .value

PASSED

```
    <Data>
```

```

        <DoubleLongUnsigned Value="00000000" />
    </Data>
(335) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QI) rate 3 1-0:5.8.3.255 (@618)
(336) .logical_name
PASSED
    <Data>
        <OctetString Value="0100050803FF" />
    </Data>
(337) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(338) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QI) rate 4 1-0:5.8.4.255 (@624)
(339) .logical_name
PASSED
    <Data>
        <OctetString Value="0100050804FF" />
    </Data>
(340) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(341) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QII) rate 1 1-0:6.8.1.255 (@630)
(342) .logical_name
PASSED

```



```

    <Data>
      <OctetString Value="0100060801FF" />
    </Data>
(343) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(344) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy (QII) rate 2 1-0:6.8.2.255 (@636)
(345) .logical_name
PASSED
    <Data>
      <OctetString Value="0100060802FF" />
    </Data>
(346) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(347) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy (QII) rate 3 1-0:6.8.3.255 (@642)
(348) .logical_name
PASSED
    <Data>
      <OctetString Value="0100060803FF" />
    </Data>
(349) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(350) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

```

```
    </Structure>
  </Data>
```

Mngmt Get Reactive energy (QII) rate 4 1-0:6.8.4.255 (@648)
(351) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100060804FF" />
  </Data>
```

(352) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(353) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>
```

Mngmt Get Reactive energy (QIII) rate 1 1-0:7.8.1.255 (@654)
(354) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100070801FF" />
  </Data>
```

(355) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(356) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>
```

Mngmt Get Reactive energy (QIII) rate 2 1-0:7.8.2.255 (@660)
(357) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100070802FF" />
  </Data>
```

(358) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(359) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="20" />  
  </Structure>  
</Data>
```

Mngmt Get Reactive energy (QIII) rate 3 1-0:7.8.3.255 (@666)

(360) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100070803FF" />  
</Data>
```

(361) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(362) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="20" />  
  </Structure>  
</Data>
```

Mngmt Get Reactive energy (QIII) rate 4 1-0:7.8.4.255 (@672)

(363) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100070804FF" />  
</Data>
```

(364) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(365) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="20" />  
  </Structure>  
</Data>
```

Mngmt Get Reactive energy (QIV) rate 1 1-0:8.8.1.255 (@678)

(366) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100080801FF" />
```

```

    </Data>
(367) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(368) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QIV) rate 2 1-0:8.8.2.255 (@684)
(369) .logical_name
PASSED
    <Data>
        <OctetString Value="0100080802FF" />
    </Data>
(370) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(371) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QIV) rate 3 1-0:8.8.3.255 (@690)
(372) .logical_name
PASSED
    <Data>
        <OctetString Value="0100080803FF" />
    </Data>
(373) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(374) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

```

Mngmt Get Reactive energy (QIV) rate 4 1-0:8.8.4.255 (@696)
(375) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100080804FF" />  
</Data>
```

(376) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(377) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="20" />  
  </Structure>  
</Data>
```

Mngmt Get Apparent energy import (+VA) rate 1 1-0:9.8.1.255 (@702)
(378) .logical_name
INAPPLICABLE

Optional object is not implemented

(379) .value
INAPPLICABLE

Optional object is not implemented

(380) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Apparent energy import (+VA) rate 2 1-0:9.8.2.255 (@708)
(381) .logical_name
INAPPLICABLE

Optional object is not implemented

(382) .value
INAPPLICABLE

Optional object is not implemented

(383) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Apparent energy import (+VA) rate 3 1-0:9.8.3.255 (@714)
(384) .logical_name
INAPPLICABLE

Optional object is not implemented

(385) .value
INAPPLICABLE

Optional object is not implemented

(386) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Apparent energy import (+VA) rate 4 1-0:9.8.4.255 (@720)
(387) .logical_name
INAPPLICABLE
Optional object is not implemented
(388) .value
INAPPLICABLE
Optional object is not implemented
(389) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 1 1-0:10.8.1.255 (@726)
(390) .logical_name
INAPPLICABLE
Optional object is not implemented
(391) .value
INAPPLICABLE
Optional object is not implemented
(392) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 2 1-0:10.8.2.255 (@732)
(393) .logical_name
INAPPLICABLE
Optional object is not implemented
(394) .value
INAPPLICABLE
Optional object is not implemented
(395) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 3 1-0:10.8.3.255 (@738)
(396) .logical_name
INAPPLICABLE
Optional object is not implemented
(397) .value
INAPPLICABLE
Optional object is not implemented
(398) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 4 1-0:10.8.4.255 (@744)
(399) .logical_name
INAPPLICABLE
Optional object is not implemented
(400) .value
INAPPLICABLE
Optional object is not implemented
(401) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 1 1-0:15.8.1.255 (@750)

(402) .logical_name
INAPPLICABLE
Optional object is not implemented
(403) .value
INAPPLICABLE
Optional object is not implemented
(404) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 2 1-0:15.8.2.255 (@756)

(405) .logical_name
INAPPLICABLE
Optional object is not implemented
(406) .value
INAPPLICABLE
Optional object is not implemented
(407) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 3 1-0:15.8.3.255 (@762)

(408) .logical_name
INAPPLICABLE
Optional object is not implemented
(409) .value
INAPPLICABLE
Optional object is not implemented
(410) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 4 1-0:15.8.4.255 (@768)

(411) .logical_name
INAPPLICABLE
Optional object is not implemented
(412) .value
INAPPLICABLE
Optional object is not implemented
(413) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Demand Register 1 - Active energy import (+A) 1-0:1.4.0.255 (@775)

(414) .logical_name
PASSED
<Data>
<OctetString Value="0100010400FF" />

```

    </Data>
(415) .current_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(416) .last_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(417) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(418) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(419) .capture_time
PASSED
    <Data>
        <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(420) .start_time_current
PASSED
    <Data>
        <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(421) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000384" />
    </Data>
(422) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="0001" />
    </Data>

Mngmt Get Demand Register 2 - Active energy export (-A) 1-0:2.4.0.255 (@788)
(423) .logical_name
PASSED
    <Data>
        <OctetString Value="0100020400FF" />
    </Data>
(424) .current_average_value
PASSED
    <Data>

```



```

        <DoubleLongUnsigned Value="00000000" />
    </Data>
(425) .last_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(426) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(427) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(428) .capture_time
PASSED
    <Data>
        <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(429) .start_time_current
PASSED
    <Data>
        <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(430) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000384" />
    </Data>
(431) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="0001" />
    </Data>

```

Mngmt Get Demand Register 3 - Reactive energy import (+R) 1-0:3.4.0.255 (@801)

```

(432) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030400FF" />
    </Data>
(433) .current_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(434) .last_average_value

```

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(435) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(436) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(437) .capture_time

PASSED

```
<Data>
  <OctetString Value="07E8081A010B0000FF800080" />
</Data>
```

(438) .start_time_current

PASSED

```
<Data>
  <OctetString Value="07E8081A010B0000FF800080" />
</Data>
```

(439) .period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000384" />
</Data>
```

(440) .number_of_periods

PASSED

```
<Data>
  <LongUnsigned Value="0001" />
</Data>
```

Mngmt Get Demand Register 4 - Reactive energy export (-R) 1-0:4.4.0.255

(@814)

(441) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100040400FF" />
</Data>
```

(442) .current_average_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(443) .last_average_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
```

```
    </Data>
(444) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(445) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(446) .capture_time
PASSED
    <Data>
      <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(447) .start_time_current
PASSED
    <Data>
      <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(448) .period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000384" />
    </Data>
(449) .number_of_periods
PASSED
    <Data>
      <LongUnsigned Value="0001" />
    </Data>
```

Mngmt Get Demand Register 5 - Apparent energy import (+VA) 1-0:9.4.0.255
(@827)

```
(450) .logical_name
PASSED
    <Data>
      <OctetString Value="0100090400FF" />
    </Data>
(451) .current_average_value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(452) .last_average_value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(453) .scaler_unit
PASSED
```

```

    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1C" />
      </Structure>
    </Data>
(454) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(455) .capture_time
PASSED
    <Data>
      <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(456) .start_time_current
PASSED
    <Data>
      <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(457) .period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000384" />
    </Data>
(458) .number_of_periods
PASSED
    <Data>
      <LongUnsigned Value="0001" />
    </Data>

```

Mngmt Get Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255 (@840)

```

(459) .logical_name
PASSED
    <Data>
      <OctetString Value="01000A0400FF" />
    </Data>
(460) .current_average_value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(461) .last_average_value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(462) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />

```

```

        <Enum Value="1C" />
    </Structure>
</Data>
(463) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(464) .capture_time
PASSED
    <Data>
        <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(465) .start_time_current
PASSED
    <Data>
        <OctetString Value="07E8081A010B0000FF800080" />
    </Data>
(466) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000384" />
    </Data>
(467) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="0001" />
    </Data>

```

Mngmt Get Last Average Demand Register 1 - Active energy import (+A)

```

1-0:1.5.0.255 (@853)
(468) .logical_name
INAPPLICABLE
    Optional object is not implemented
(469) .value
INAPPLICABLE
    Optional object is not implemented
(470) .scaler_unit
INAPPLICABLE
    Optional object is not implemented
(471) .status
INAPPLICABLE
    Optional object is not implemented
(472) .capture_time
INAPPLICABLE
    Optional object is not implemented

```

Mngmt Get Last Average Demand Register 2 - Active energy export (-A)

```

1-0:2.5.0.255 (@861)
(473) .logical_name
INAPPLICABLE
    Optional object is not implemented
(474) .value
INAPPLICABLE

```

Optional object is not implemented
(475) .scaler_unit

INAPPLICABLE

Optional object is not implemented
(476) .status

INAPPLICABLE

Optional object is not implemented
(477) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Last Average Demand Register 3 - Reactive energy import (+R)
1-0:3.5.0.255 (@869)

(478) .logical_name

INAPPLICABLE

Optional object is not implemented
(479) .value

INAPPLICABLE

Optional object is not implemented
(480) .scaler_unit

INAPPLICABLE

Optional object is not implemented
(481) .status

INAPPLICABLE

Optional object is not implemented
(482) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Last Average Demand Register 4 - Reactive energy export (-R)
1-0:4.5.0.255 (@877)

(483) .logical_name

INAPPLICABLE

Optional object is not implemented
(484) .value

INAPPLICABLE

Optional object is not implemented
(485) .scaler_unit

INAPPLICABLE

Optional object is not implemented
(486) .status

INAPPLICABLE

Optional object is not implemented
(487) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Last Average Demand Register 5 - Apparent energy import (+VA)
1-0:9.5.0.255 (@885)

(488) .logical_name

INAPPLICABLE

Optional object is not implemented
(489) .value

INAPPLICABLE

Optional object is not implemented
(490) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(491) .status
INAPPLICABLE
Optional object is not implemented
(492) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Last Average Demand Register 6 - Apparent energy export (-VA)
1-0:10.5.0.255 (@893)

(493) .logical_name
INAPPLICABLE
Optional object is not implemented
(494) .value
INAPPLICABLE
Optional object is not implemented
(495) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(496) .status
INAPPLICABLE
Optional object is not implemented
(497) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 1 - Active energy import (+A) 1-0:1.6.0.255
(@901)

(498) .logical_name
PASSED
<Data>
 <OctetString Value="0100010600FF" />
</Data>
(499) .value
PASSED
<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>
(500) .scaler_unit
PASSED
<Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="1B" />
 </Structure>
</Data>
(501) .status
PASSED
<Data>
 <Unsigned Value="00" />
</Data>

(502) .capture_time
PASSED

```
<Data>  
  <OctetString Value="07E80815030B0005FF800080" />  
</Data>
```

Mngmt Get Maximum Demand Register 2 - Active energy import (+A) - rate 1
1-0:1.6.1.255 (@909)

(503) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100010601FF" />  
</Data>
```

(504) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(505) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>  
</Data>
```

(506) .status
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(507) .capture_time
PASSED

```
<Data>  
  <OctetString Value="07E80815030B0005FF800080" />  
</Data>
```

Mngmt Get Maximum Demand Register 3 - Active energy import (+A) - rate 2
1-0:1.6.2.255 (@917)

(508) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100010602FF" />  
</Data>
```

(509) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(510) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
  </Structure>
```



```
        <Enum Value="1B" />
      </Structure>
    </Data>
(511) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(512) .capture_time
PASSED
    <Data>
      <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 4 - Active energy import (+A) - rate 3
1-0:1.6.3.255 (@925)

```
(513) .logical_name
PASSED
    <Data>
      <OctetString Value="0100010603FF" />
    </Data>
(514) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(515) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>
(516) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(517) .capture_time
PASSED
    <Data>
      <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 5 - Active energy import (+A) - rate 4
1-0:1.6.4.255 (@933)

```
(518) .logical_name
PASSED
    <Data>
      <OctetString Value="0100010604FF" />
    </Data>
(519) .value
PASSED
```

```
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(520) .scaler_unit
PASSED

```
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>
```

(521) .status
PASSED

```
    <Data>
      <Unsigned Value="00" />
    </Data>
```

(522) .capture_time
PASSED

```
    <Data>
      <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 6 - Active energy export (-A) 1-0:2.6.0.255
(@941)

(523) .logical_name
PASSED

```
    <Data>
      <OctetString Value="0100020600FF" />
    </Data>
```

(524) .value
PASSED

```
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(525) .scaler_unit
PASSED

```
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>
```

(526) .status
PASSED

```
    <Data>
      <Unsigned Value="00" />
    </Data>
```

(527) .capture_time
PASSED

```
    <Data>
      <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 7 - Active energy export (-A) - rate 1

```

1-0:2.6.1.255 (@949)
  (528) .logical_name
  PASSED
    <Data>
      <OctetString Value="0100020601FF" />
    </Data>
  (529) .value
  PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
  (530) .scaler_unit
  PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>
  (531) .status
  PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
  (532) .capture_time
  PASSED
    <Data>
      <OctetString Value="07E80815030B0005FF800080" />
    </Data>

Mngmt Get Maximum Demand Register 8 - Active energy export (-A) - rate 2
1-0:2.6.2.255 (@957)
  (533) .logical_name
  PASSED
    <Data>
      <OctetString Value="0100020602FF" />
    </Data>
  (534) .value
  PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
  (535) .scaler_unit
  PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>
  (536) .status
  PASSED
    <Data>
      <Unsigned Value="00" />

```

```
    </Data>
(537) .capture_time
PASSED
    <Data>
      <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 9 - Active energy export (-A) - rate 3
1-0:2.6.3.255 (@965)

```
(538) .logical_name
PASSED
    <Data>
      <OctetString Value="0100020603FF" />
    </Data>
(539) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(540) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>
(541) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(542) .capture_time
PASSED
    <Data>
      <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 10 - Active energy export (-A) - rate 4
1-0:2.6.4.255 (@973)

```
(543) .logical_name
PASSED
    <Data>
      <OctetString Value="0100020604FF" />
    </Data>
(544) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(545) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
```

```
        <Integer Value="00" />
        <Enum Value="1B" />
    </Structure>
</Data>
(546) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(547) .capture_time
PASSED
    <Data>
        <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 11 - Reactive energy import (+R)
1-0:3.6.0.255 (@981)

```
(548) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030600FF" />
    </Data>
(549) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(550) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>
(551) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(552) .capture_time
PASSED
    <Data>
        <OctetString Value="07E80815030B0005FF800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 12 - Reactive energy import (+R) - rate 1
1-0:3.6.1.255 (@989)

```
(553) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030601FF" />
    </Data>
(554) .value
```

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(555) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(556) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(557) .capture_time

PASSED

```
<Data>
  <OctetString Value="07E80815030B0005FF800080" />
</Data>
```

Mngmt Get Maximum Demand Register 13 - Reactive energy import (+R) - rate 2
1-0:3.6.2.255 (@997)

(558) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100030602FF" />
</Data>
```

(559) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(560) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(561) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(562) .capture_time

PASSED

```
<Data>
  <OctetString Value="07E80815030B0005FF800080" />
</Data>
```

Mngmt Get Maximum Demand Register 14 - Reactive energy import (+R) - rate 3
1-0:3.6.3.255 (@1005)

(563) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100030603FF" />
</Data>
```

(564) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(565) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(566) .status
PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(567) .capture_time
PASSED

```
<Data>
  <OctetString Value="07E80815030B0005FF800080" />
</Data>
```

Mngmt Get Maximum Demand Register 15 - Reactive energy import (+R) - rate 4
1-0:3.6.4.255 (@1013)

(568) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100030604FF" />
</Data>
```

(569) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(570) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(571) .status
PASSED

```
<Data>
```

```

        <Unsigned Value="00" />
    </Data>
(572) .capture_time
PASSED
    <Data>
        <OctetString Value="07E80815030B0005FF800080" />
    </Data>

Mngmt Get Maximum Demand Register 16 - Reactive energy export (-R)
1-0:4.6.0.255 (@1021)
(573) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040600FF" />
    </Data>
(574) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(575) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>
(576) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(577) .capture_time
PASSED
    <Data>
        <OctetString Value="07E80815030B0005FF800080" />
    </Data>

Mngmt Get Maximum Demand Register 17 - Reactive energy export (-R) - rate 1
1-0:4.6.1.255 (@1029)
(578) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040601FF" />
    </Data>
(579) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(580) .scaler_unit
PASSED
    <Data>

```



```
        <Structure Qty="0002" >
          <Integer Value="00" />
          <Enum Value="1D" />
        </Structure>
      </Data>
(581) .status
PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>
(582) .capture_time
PASSED
      <Data>
        <OctetString Value="07E80815030B0005FF800080" />
      </Data>
```

Mngmt Get Maximum Demand Register 18 - Reactive energy export (-R) - rate 2
1-0:4.6.2.255 (@1037)

```
(583) .logical_name
PASSED
      <Data>
        <OctetString Value="0100040602FF" />
      </Data>
(584) .value
PASSED
      <Data>
        <DoubleLongUnsigned Value="00000000" />
      </Data>
(585) .scaler_unit
PASSED
      <Data>
        <Structure Qty="0002" >
          <Integer Value="00" />
          <Enum Value="1D" />
        </Structure>
      </Data>
(586) .status
PASSED
      <Data>
        <Unsigned Value="00" />
      </Data>
(587) .capture_time
PASSED
      <Data>
        <OctetString Value="07E80815030B0005FF800080" />
      </Data>
```

Mngmt Get Maximum Demand Register 19 - Reactive energy export (-R) - rate 3
1-0:4.6.3.255 (@1045)

```
(588) .logical_name
PASSED
      <Data>
        <OctetString Value="0100040603FF" />
      </Data>
```

(589) .value
PASSED
<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>

(590) .scaler_unit
PASSED
<Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="1D" />
 </Structure>
</Data>

(591) .status
PASSED
<Data>
 <Unsigned Value="00" />
</Data>

(592) .capture_time
PASSED
<Data>
 <OctetString Value="07E80815030B0005FF800080" />
</Data>

Mngmt Get Maximum Demand Register 20 - Reactive energy export (-R) - rate 4
1-0:4.6.4.255 (@1053)

(593) .logical_name
PASSED
<Data>
 <OctetString Value="0100040604FF" />
</Data>

(594) .value
PASSED
<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>

(595) .scaler_unit
PASSED
<Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="1D" />
 </Structure>
</Data>

(596) .status
PASSED
<Data>
 <Unsigned Value="00" />
</Data>

(597) .capture_time
PASSED
<Data>
 <OctetString Value="07E80815030B0005FF800080" />
</Data>

Mngmt Get Maximum Demand Register 21 - Apparent energy import (+VA)

1-0:9.6.0.255 (@1061)

(598) .logical_name

INAPPLICABLE

Optional object is not implemented

(599) .value

INAPPLICABLE

Optional object is not implemented

(600) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(601) .status

INAPPLICABLE

Optional object is not implemented

(602) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 22 - Apparent energy import (+VA) - rate 1

1-0:9.6.1.255 (@1069)

(603) .logical_name

INAPPLICABLE

Optional object is not implemented

(604) .value

INAPPLICABLE

Optional object is not implemented

(605) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(606) .status

INAPPLICABLE

Optional object is not implemented

(607) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 23 - Apparent energy import (+VA) - rate 2

1-0:9.6.2.255 (@1077)

(608) .logical_name

INAPPLICABLE

Optional object is not implemented

(609) .value

INAPPLICABLE

Optional object is not implemented

(610) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(611) .status

INAPPLICABLE

Optional object is not implemented

(612) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 24 - Apparent energy import (+VA) - rate 3

1-0:9.6.3.255 (@1085)

(613) .logical_name

INAPPLICABLE

Optional object is not implemented

(614) .value

INAPPLICABLE

Optional object is not implemented

(615) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(616) .status

INAPPLICABLE

Optional object is not implemented

(617) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 25 - Apparent energy import (+VA) - rate 4

1-0:9.6.4.255 (@1093)

(618) .logical_name

INAPPLICABLE

Optional object is not implemented

(619) .value

INAPPLICABLE

Optional object is not implemented

(620) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(621) .status

INAPPLICABLE

Optional object is not implemented

(622) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 26 - Apparent energy export (-VA)

1-0:10.6.0.255 (@1101)

(623) .logical_name

INAPPLICABLE

Optional object is not implemented

(624) .value

INAPPLICABLE

Optional object is not implemented

(625) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(626) .status

INAPPLICABLE

Optional object is not implemented

(627) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 27 - Apparent energy export (-VA) - rate 1

1-0:10.6.1.255 (@1109)

(628) .logical_name

INAPPLICABLE

Optional object is not implemented

(629) .value

INAPPLICABLE

Optional object is not implemented

(630) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(631) .status

INAPPLICABLE

Optional object is not implemented

(632) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 28 - Apparent energy export (-VA) - rate 2

1-0:10.6.2.255 (@1117)

(633) .logical_name

INAPPLICABLE

Optional object is not implemented

(634) .value

INAPPLICABLE

Optional object is not implemented

(635) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(636) .status

INAPPLICABLE

Optional object is not implemented

(637) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 29 - Apparent energy export (-VA) - rate 3

1-0:10.6.3.255 (@1125)

(638) .logical_name

INAPPLICABLE

Optional object is not implemented

(639) .value

INAPPLICABLE

Optional object is not implemented

(640) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(641) .status

INAPPLICABLE

Optional object is not implemented

(642) .capture_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 30 - Apparent energy export (-VA) - rate 4
1-0:10.6.4.255 (@1133)
(643) .logical_name
INAPPLICABLE
Optional object is not implemented
(644) .value
INAPPLICABLE
Optional object is not implemented
(645) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(646) .status
INAPPLICABLE
Optional object is not implemented
(647) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Profile status - Load profile with period 1 0-0:96.10.1.255 (@1142)
(648) .logical_name
PASSED
<Data>
<OctetString Value="0000600A01FF" />
</Data>
(649) .status
PASSED
<Data>
<Unsigned Value="00" />
</Data>

Mngmt Get Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255
(@1146)
(650) .logical_name
PASSED
<Data>
<OctetString Value="0100630100FF" />
</Data>
(651) .capture_objects
PASSED
<Data>
<Array Qty="0004" >
<Structure Qty="0004" >
<LongUnsigned Value="0008" />
<OctetString Value="0000010000FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
<LongUnsigned Value="0001" />
<OctetString Value="0000600A01FF" />
<Integer Value="02" />
<LongUnsigned Value="0000" />
</Structure>

```

        <Structure Qty="0004" >
            <LongUnsigned Value="0003" />
            <OctetString Value="0100010800FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
            <LongUnsigned Value="0003" />
            <OctetString Value="0100020800FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Array>
</Data>
(652) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000384" />
    </Data>
(653) .sort_method
PASSED
    <Data>
        <Enum Value="04" />
    </Data>
(654) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(655) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000C" />
    </Data>
(656) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="00004686" />
    </Data>

Mngmt Get Profile status - Load profile with period 2 0-0:96.10.2.255 (@1157)
(657) .logical_name
PASSED
    <Data>
        <OctetString Value="0000600A02FF" />
    </Data>
(658) .status
PASSED
    <Data>

```

```
<Unsigned Value="80" />
</Data>
```

Mngmt Get Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255
(@1161)

(659) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100630200FF" />
</Data>
```

(660) .capture_objects
PASSED

```
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600A02FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010802FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020802FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(661) .capture_period
PASSED


```

    <Data>
      <DoubleLongUnsigned Value="00015180" />
    </Data>
(662) .sort_method
PASSED
    <Data>
      <Enum Value="04" />
    </Data>
(663) .sort_object
PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(664) .entries_in_use
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000005" />
    </Data>
(665) .profile_entries
PASSED
    <Data>
      <DoubleLongUnsigned Value="000003CF" />
    </Data>

Mngmt Get Number of power failures in any phase 0-0:96.7.21.255 (@1173)
(666) .logical_name
PASSED
    <Data>
      <OctetString Value="0000600715FF" />
    </Data>
(667) .value
PASSED
    <Data>
      <LongUnsigned Value="0006" />
    </Data>

Mngmt Get Number of long power failures in any phase 0-0:96.7.9.255 (@1177)
(668) .logical_name
PASSED
    <Data>
      <OctetString Value="0000600709FF" />
    </Data>
(669) .value
PASSED
    <Data>
      <LongUnsigned Value="0002" />
    </Data>

Mngmt Get Time threshold for long power failure 0-0:96.7.20.255 (@1181)

```

(670) .logical_name
PASSED
 <Data>
 <OctetString Value="0000600714FF" />
 </Data>

(671) .value
PASSED
 <Data>
 <LongUnsigned Value="00B4" />
 </Data>

(672) .scaler_unit
PASSED
 <Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="07" />
 </Structure>
 </Data>

Mngmt Get Duration of last long power failure in any phase 0-0:96.7.19.255 (@1187)

(673) .logical_name
PASSED
 <Data>
 <OctetString Value="0000600713FF" />
 </Data>

(674) .value
PASSED
 <Data>
 <LongUnsigned Value="00DA" />
 </Data>

(675) .scaler_unit
PASSED
 <Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="07" />
 </Structure>
 </Data>

Mngmt Get Threshold for voltage sag 1-0:12.31.0.255 (@1193)

(676) .logical_name
PASSED
 <Data>
 <OctetString Value="01000C1F00FF" />
 </Data>

(677) .value
PASSED
 <Data>
 <LongUnsigned Value="00CF" />
 </Data>

(678) .scaler_unit
PASSED
 <Data>

```
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="23" />
    </Structure>
  </Data>
```

Mngmt Get Time threshold for voltage sag 1-0:12.43.0.255 (@1199)
(679) .logical_name
PASSED

```
  <Data>
    <OctetString Value="01000C2B00FF" />
  </Data>
```

(680) .value
PASSED

```
  <Data>
    <LongUnsigned Value="001E" />
  </Data>
```

(681) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="07" />
    </Structure>
  </Data>
```

Mngmt Get Number of voltage sags in phase L1 1-0:32.32.0.255 (@1205)
(682) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100202000FF" />
  </Data>
```

(683) .value
PASSED

```
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
```

Mngmt Get Number of voltage sags in phase L2 1-0:52.32.0.255 (@1209)
(684) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions

(685) .value
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Number of voltage sags in phase L3 1-0:72.32.0.255 (@1213)
(686) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions

(687) .value
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Duration of last voltage sag in phase L1 1-0:32.33.0.255 (@1217)
(688) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0100202100FF" />  
</Data>
```

(689) .value

PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(690) .scaler_unit

PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last voltage sag in phase L2 1-0:52.33.0.255 (@1223)

(691) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(692) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(693) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Duration of last voltage sag in phase L3 1-0:72.33.0.255 (@1229)

(694) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(695) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(696) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Magnitude of last voltage sag in phase L1 1-0:32.34.0.255 (@1235)

(697) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0100202200FF" />  
</Data>
```

(698) .value

PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(699) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Magnitude of last voltage sag in phase L2 1-0:52.34.0.255 (@1241)
(700) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(701) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(702) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Magnitude of last voltage sag in phase L3 1-0:72.34.0.255 (@1247)
(703) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(704) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(705) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Threshold for voltage swell 1-0:12.35.0.255 (@1253)
(706) .logical_name

PASSED

```
<Data>
  <OctetString Value="01000C2300FF" />
</Data>
```

(707) .value

PASSED

```
<Data>
  <LongUnsigned Value="00FD" />
</Data>
```

(708) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Time threshold for voltage swell 1-0:12.44.0.255 (@1259)
(709) .logical_name

PASSED

```
<Data>
```

```
    <OctetString Value="01000C2C00FF" />
  </Data>
```

(710) .value
PASSED

```
  <Data>
    <LongUnsigned Value="001E" />
  </Data>
```

(711) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="07" />
    </Structure>
  </Data>
```

Mngmt Get Number of voltage swells in phase L1 1-0:32.36.0.255 (@1265)
(712) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100202400FF" />
  </Data>
```

(713) .value
PASSED

```
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
```

Mngmt Get Number of voltage swells in phase L2 1-0:52.36.0.255 (@1269)
(714) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions

(715) .value
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Number of voltage swells in phase L3 1-0:72.36.0.255 (@1273)
(716) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions

(717) .value
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Duration of last voltage swell in phase L1 1-0:32.37.0.255 (@1277)
(718) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100202500FF" />
  </Data>
```

(719) .value
PASSED

```
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
```

```
</Data>
(720) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="07" />
  </Structure>
</Data>
```

```
Mngmt Get Duration of last voltage swell in phase L2 1-0:52.37.0.255 (@1283)
(721) .logical_name
INAPPLICABLE
```

Object is not required according to OM and/or extensions

```
(722) .value
INAPPLICABLE
```

Object is not required according to OM and/or extensions

```
(723) .scaler_unit
INAPPLICABLE
```

Object is not required according to OM and/or extensions

```
Mngmt Get Duration of last voltage swell in phase L3 1-0:72.37.0.255 (@1289)
(724) .logical_name
INAPPLICABLE
```

Object is not required according to OM and/or extensions

```
(725) .value
INAPPLICABLE
```

Object is not required according to OM and/or extensions

```
(726) .scaler_unit
INAPPLICABLE
```

Object is not required according to OM and/or extensions

```
Mngmt Get Magnitude of last voltage swell in phase L1 1-0:32.38.0.255 (@1295)
(727) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="0100202600FF" />
</Data>
```

```
(728) .value
PASSED
```

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

```
(729) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

```
Mngmt Get Magnitude of last voltage swell in phase L2 1-0:52.38.0.255 (@1301)
(730) .logical_name
```

INAPPLICABLE

Object is not required according to OM and/or extensions

(731) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(732) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Magnitude of last voltage swell in phase L3 1-0:72.38.0.255 (@1307)

(733) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(734) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(735) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)

(736) .logical_name

PASSED

<Data>

<OctetString Value="01000C2700FF" />

</Data>

(737) .value

PASSED

<Data>

<LongUnsigned Value="0067" />

</Data>

(738) .scaler_unit

PASSED

<Data>

<Structure Qty="0002" >

<Integer Value="00" />

<Enum Value="23" />

</Structure>

</Data>

Mngmt Get Time threshold for voltage cut 1-0:12.45.0.255 (@1319)

(739) .logical_name

PASSED

<Data>

<OctetString Value="01000C2D00FF" />

</Data>

(740) .value

PASSED

<Data>

<LongUnsigned Value="001E" />

</Data>

(741) .scaler_unit

PASSED

<Data>


```
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="07" />
    </Structure>
  </Data>
```

Mngmt Get Power Failure Event Log 1-0:99.97.0.255 (@1325)
(742) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100636100FF" />
  </Data>
```

(743) .capture_objects
PASSED

```
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0000600713FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
```

(744) .capture_period
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(745) .sort_method
PASSED

```
  <Data>
    <Enum Value="01" />
  </Data>
```

(746) .sort_object
PASSED

```
  <Data>
    <Structure Qty="0004" >
      <LongUnsigned Value="0000" />
      <OctetString Value="000000000000" />
      <Integer Value="00" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Data>
```

(747) .entries_in_use
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000007" />
```

```

    </Data>
(748) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000033" />
    </Data>

Mngmt Get Event Object - Power Quality Log 0-0:96.11.4.255 (@1336)
(749) .logical_name
PASSED
    <Data>
        <OctetString Value="0000600B04FF" />
    </Data>
(750) .value
PASSED
    <Data>
        <Enum Value="00" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(751) .logical_name
PASSED
    <Data>
        <OctetString Value="0000636204FF" />
    </Data>
(752) .capture_objects
PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600B04FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(753) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(754) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(755) .sort_object

```

PASSED

```
<Data>
  <Structure Qty="0004" >
    <LongUnsigned Value="0000" />
    <OctetString Value="000000000000" />
    <Integer Value="00" />
    <LongUnsigned Value="0000" />
  </Structure>
</Data>
```

(756) .entries_in_use

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000006" />
</Data>
```

(757) .profile_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000091" />
</Data>
```

Mngmt Get Instantaneous voltage L1 1-0:32.7.0.255 (@1351)

(758) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100200700FF" />
</Data>
```

(759) .value

PASSED

```
<Data>
  <LongUnsigned Value="00F3" />
</Data>
```

(760) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Average voltage L1 1-0:32.24.0.255 (@1357)

(761) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100201800FF" />
</Data>
```

(762) .value

PASSED

```
<Data>
  <LongUnsigned Value="00F4" />
</Data>
```

(763) .scaler_unit

PASSED

```
<Data>
```

```
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="23" />
    </Structure>
  </Data>
```

Mngmt Get Instantaneous current L1 1-0:31.7.0.255 (@1363)
(764) .logical_name
PASSED

```
  <Data>
    <OctetString Value="01001F0700FF" />
  </Data>
```

(765) .value
PASSED

```
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
```

(766) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="FE" />
      <Enum Value="21" />
    </Structure>
  </Data>
```

Mngmt Get Sliding Average current L1 (for fuse supervision) 1-0:31.4.0.255
(@1369)

(767) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions

(768) .current_average_value
INAPPLICABLE

Object is not required according to OM and/or extensions

(769) .last_average_value
INAPPLICABLE

Object is not required according to OM and/or extensions

(770) .scaler_unit
INAPPLICABLE

Object is not required according to OM and/or extensions

(771) .status
INAPPLICABLE

Object is not required according to OM and/or extensions

(772) .capture_time
INAPPLICABLE

Object is not required according to OM and/or extensions

(773) .start_time_current
INAPPLICABLE

Object is not required according to OM and/or extensions

(774) .period
INAPPLICABLE

Object is not required according to OM and/or extensions

(775) .number_of_periods
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Instantaneous voltage L2 1-0:52.7.0.255 (@1382)
(776) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(777) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(778) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Average voltage L2 1-0:52.24.0.255 (@1388)
(779) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(780) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(781) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Instantaneous current L2 1-0:51.7.0.255 (@1394)
(782) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(783) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(784) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Sliding Average current L2 (for fuse supervision) 1-0:51.4.0.255
(@1400)

(785) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(786) .current_average_value

INAPPLICABLE

Object is not required according to OM and/or extensions
(787) .last_average_value

INAPPLICABLE

Object is not required according to OM and/or extensions
(788) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(789) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(790) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions
(791) .start_time_current
INAPPLICABLE

Object is not required according to OM and/or extensions
(792) .period
INAPPLICABLE

Object is not required according to OM and/or extensions
(793) .number_of_periods
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Instantaneous voltage L3 1-0:72.7.0.255 (@1413)
(794) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions
(795) .value
INAPPLICABLE

Object is not required according to OM and/or extensions
(796) .scaler_unit
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Average voltage L3 1-0:72.24.0.255 (@1419)
(797) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions
(798) .value
INAPPLICABLE

Object is not required according to OM and/or extensions
(799) .scaler_unit
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Instantaneous current L3 1-0:71.7.0.255 (@1425)
(800) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions
(801) .value
INAPPLICABLE

Object is not required according to OM and/or extensions
(802) .scaler_unit
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Sliding Average current L3 (for fuse supervision) 1-0:71.4.0.255
(@1431)

(803) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions
(804) .current_average_value
INAPPLICABLE

Object is not required according to OM and/or extensions
(805) .last_average_value
INAPPLICABLE

Object is not required according to OM and/or extensions
(806) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(807) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(808) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions
(809) .start_time_current

INAPPLICABLE

Object is not required according to OM and/or extensions
(810) .period

INAPPLICABLE

Object is not required according to OM and/or extensions
(811) .number_of_periods

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Instantaneous current (sum over all phases) 1-0:90.7.0.255 (@1444)
(812) .logical_name

PASSED

```
<Data>
  <OctetString Value="01005A0700FF" />
</Data>
```

(813) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(814) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
</Data>
```

Mngmt Get Instantaneous net frequency; any phase 1-0:14.7.0.255 (@1450)
(815) .logical_name

PASSED

```
<Data>
  <OctetString Value="01000E0700FF" />
</Data>
```

(816) .value

PASSED

```
<Data>
  <LongUnsigned Value="0032" />
</Data>
```

(817) .scaler_unit

PASSED

```
<Data>
```

```
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="2C" />
    </Structure>
  </Data>
```

Mngmt Get Instantaneous active power (|+A|+|-A|) 1-0:15.7.0.255 (@1456)
(818) .logical_name
PASSED

```
  <Data>
    <OctetString Value="01000F0700FF" />
  </Data>
```

(819) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(820) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="1B" />
    </Structure>
  </Data>
```

Mngmt Get Instantaneous active import power (+A) 1-0:1.7.0.255 (@1462)
(821) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100010700FF" />
  </Data>
```

(822) .value
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(823) .scaler_unit
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="1B" />
    </Structure>
  </Data>
```

Mngmt Get Instantaneous active export power (-A) 1-0:2.7.0.255 (@1468)
(824) .logical_name
PASSED

```
  <Data>
    <OctetString Value="0100020700FF" />
  </Data>
```

(825) .value
PASSED


```

    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(826) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>

Mngmt Get Instantaneous reactive import power (+R) 1-0:3.7.0.255 (@1474)
(827) .logical_name
PASSED
    <Data>
      <OctetString Value="0100030700FF" />
    </Data>
(828) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(829) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>

Mngmt Get Instantaneous reactive export power (-R) 1-0:4.7.0.255 (@1480)
(830) .logical_name
PASSED
    <Data>
      <OctetString Value="0100040700FF" />
    </Data>
(831) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(832) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>

Mngmt Get Instantaneous apparent import power (+VA) 1-0:9.7.0.255 (@1486)
(833) .logical_name

```

PASSED

```
<Data>
  <OctetString Value="0100090700FF" />
</Data>
```

(834) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(835) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1C" />
  </Structure>
</Data>
```

Mngmt Get Instantaneous apparent export power (-VA) 1-0:10.7.0.255 (@1492)

(836) .logical_name

INAPPLICABLE

Optional object is not implemented

(837) .value

INAPPLICABLE

Optional object is not implemented

(838) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Average Import Power (+A) 1-0:1.24.0.255 (@1498)

(839) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(840) .current_average_value

INAPPLICABLE

Object is not required according to OM and/or extensions

(841) .last_average_value

INAPPLICABLE

Object is not required according to OM and/or extensions

(842) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(843) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(844) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

(845) .start_time_current

INAPPLICABLE

Object is not required according to OM and/or extensions

(846) .period

INAPPLICABLE

Object is not required according to OM and/or extensions

(847) .number_of_periods
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Average Net Power (|+A|-|-A|) 1-0:16.24.0.255 (@1511)

(848) .logical_name
PASSED
<Data>
 <OctetString Value="0100101800FF" />
</Data>

(849) .current_average_value
PASSED
<Data>
 <DoubleLong Value="00000000" />
</Data>

(850) .last_average_value
PASSED
<Data>
 <DoubleLong Value="00000000" />
</Data>

(851) .scaler_unit
PASSED
<Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="1B" />
 </Structure>
</Data>

(852) .status
PASSED
<Data>
 <Unsigned Value="00" />
</Data>

(853) .capture_time
PASSED
<Data>
 <OctetString Value="07E8081A010A390AFF800080" />
</Data>

(854) .start_time_current
PASSED
<Data>
 <OctetString Value="07E8081A010A390AFF800080" />
</Data>

(855) .period
PASSED
<Data>
 <DoubleLongUnsigned Value="0000003C" />
</Data>

(856) .number_of_periods
PASSED
<Data>
 <LongUnsigned Value="000F" />
</Data>

Mngmt Get Average Total Power (|+A|+|-A|) 1-0:15.24.0.255 (@1524)

(857) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(858) .current_average_value
INAPPLICABLE
Object is not required according to OM and/or extensions

(859) .last_average_value
INAPPLICABLE
Object is not required according to OM and/or extensions

(860) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

(861) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

(862) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

(863) .start_time_current
INAPPLICABLE
Object is not required according to OM and/or extensions

(864) .period
INAPPLICABLE
Object is not required according to OM and/or extensions

(865) .number_of_periods
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Instantaneous Power factor (+A/+VA) 1-0:13.7.0.255 (@1537)

(866) .logical_name
PASSED
<Data>
<OctetString Value="01000D0700FF" />
</Data>

(867) .value
PASSED
<Data>
<LongUnsigned Value="03E8" />
</Data>

(868) .scaler_unit
PASSED
<Data>
<Structure Qty="0002" >
<Integer Value="FD" />
<Enum Value="FF" />
</Structure>
</Data>

Mngmt Get Last Average Power factor (+A/+VA) 1-0:13.5.0.255 (@1543)

(869) .logical_name
PASSED
<Data>
<OctetString Value="01000D0500FF" />

```

    </Data>
(870) .value
PASSED
    <Data>
        <LongUnsigned Value="03E8" />
    </Data>
(871) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="FF" />
        </Structure>
    </Data>
(872) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(873) .capture_time
PASSED
    <Data>
        <OctetString Value="07E8081A010B0000FF800080" />
    </Data>

Mngmt Get Minimum Power factor (+A/+VA) 1-0:13.3.0.255 (@1551)
(874) .logical_name
PASSED
    <Data>
        <OctetString Value="01000D0300FF" />
    </Data>
(875) .value
PASSED
    <Data>
        <LongUnsigned Value="03E8" />
    </Data>
(876) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="FF" />
        </Structure>
    </Data>
(877) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(878) .capture_time
PASSED
    <Data>
        <OctetString Value="07E80815030B0005FF800080" />
    </Data>

```

Mngmt Get Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)
(879) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100000802FF" />  
</Data>
```

(880) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000258" />  
</Data>
```

(881) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)
(882) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(883) .comm_speed

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570)
(884) .logical_name

INAPPLICABLE

Optional object is not implemented

(885) .comm_speed

INAPPLICABLE

Optional object is not implemented

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(886) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(887) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(888) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(889) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(890) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions

(891) .identification_number

INAPPLICABLE

Object is not required according to OM and/or extensions
(892) .manufacturer_id

INAPPLICABLE

Object is not required according to OM and/or extensions
(893) .version

INAPPLICABLE

Object is not required according to OM and/or extensions
(894) .device_type

INAPPLICABLE

Object is not required according to OM and/or extensions
(895) .access_number

INAPPLICABLE

Object is not required according to OM and/or extensions
(896) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(897) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)

(898) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(899) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions
(900) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions
(901) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions
(902) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions
(903) .identification_number

INAPPLICABLE

Object is not required according to OM and/or extensions
(904) .manufacturer_id

INAPPLICABLE

Object is not required according to OM and/or extensions
(905) .version

INAPPLICABLE

Object is not required according to OM and/or extensions
(906) .device_type

INAPPLICABLE

Object is not required according to OM and/or extensions
(907) .access_number

INAPPLICABLE

Object is not required according to OM and/or extensions
(908) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(909) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)

(910) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(911) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(912) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(913) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(914) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions

(915) .identification_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(916) .manufacturer_id

INAPPLICABLE

Object is not required according to OM and/or extensions

(917) .version

INAPPLICABLE

Object is not required according to OM and/or extensions

(918) .device_type

INAPPLICABLE

Object is not required according to OM and/or extensions

(919) .access_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(920) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(921) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)

(922) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(923) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(924) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(925) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions
(926) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions
(927) .identification_number

INAPPLICABLE

Object is not required according to OM and/or extensions
(928) .manufacturer_id

INAPPLICABLE

Object is not required according to OM and/or extensions
(929) .version

INAPPLICABLE

Object is not required according to OM and/or extensions
(930) .device_type

INAPPLICABLE

Object is not required according to OM and/or extensions
(931) .access_number

INAPPLICABLE

Object is not required according to OM and/or extensions
(932) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(933) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(934) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(935) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(936) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(937) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(938) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)
(939) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(940) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(941) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(942) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(943) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 3 0-1:24.2.3.255 (@1678)
(944) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(945) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(946) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(947) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(948) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 4 0-1:24.2.4.255 (@1686)
(949) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(950) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(951) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(952) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(953) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)
(954) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(955) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(956) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(957) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

(958) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)
(959) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(960) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(961) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(962) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(963) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 3 0-2:24.2.3.255 (@1710)
(964) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(965) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(966) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(967) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(968) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 4 0-2:24.2.4.255 (@1718)
(969) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(970) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(971) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(972) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(973) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)
(974) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(975) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(976) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(977) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(978) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)
(979) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(980) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(981) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(982) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(983) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 3 0-3:24.2.3.255 (@1742)
(984) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(985) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(986) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(987) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(988) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 4 0-3:24.2.4.255 (@1750)
(989) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(990) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(991) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(992) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(993) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)

(994) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(995) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(996) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(997) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(998) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)

(999) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1000) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(1001) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(1002) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(1003) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 3 0-4:24.2.3.255 (@1774)

(1004) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1005) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(1006) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(1007) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(1008) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 4 0-4:24.2.4.255 (@1782)
(1009) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1010) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(1011) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(1012) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(1013) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
(1014) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1015) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(1016) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1017) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(1018) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1019) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)

(1020) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1021) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(1022) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1023) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(1024) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1025) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(1026) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1027) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(1028) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1029) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 1 0-1:96.10.3.255 (@1822)
(1030) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1031) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 2 0-2:96.10.3.255 (@1826)
(1032) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1033) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 3 0-3:96.10.3.255 (@1830)

(1034) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1035) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 4 0-4:96.10.3.255 (@1834)

(1036) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1037) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)

(1038) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1039) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(1040) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(1041) .sort_method

INAPPLICABLE

Object is not required according to OM and/or extensions

(1042) .sort_object

INAPPLICABLE

Object is not required according to OM and/or extensions

(1043) .entries_in_use

INAPPLICABLE

Object is not required according to OM and/or extensions

(1044) .profile_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)

(1045) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1046) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(1047) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(1048) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1049) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1050) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1051) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(1052) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1053) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1054) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1055) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1056) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1057) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1058) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(1059) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1060) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1061) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1062) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1063) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1064) .entries_in_use
INAPPLICABLE

Object is not required according to OM and/or extensions
(1065) .profile_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(1066) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1067) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1068) .control_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1069) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(1070) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1071) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1072) .control_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1073) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(1074) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1075) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1076) .control_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1077) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(1078) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1079) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions

(1080) .control_state
INAPPLICABLE
Object is not required according to OM and/or extensions

(1081) .control_mode
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)

(1082) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(1083) .executed_script
INAPPLICABLE
Object is not required according to OM and/or extensions

(1084) .type
INAPPLICABLE
Object is not required according to OM and/or extensions

(1085) .execution_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1920)

(1086) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(1087) .scripts
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 1 0-1:96.11.4.255 (@1925)

(1088) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(1089) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 2 0-2:96.11.4.255 (@1929)

(1090) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(1091) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 3 0-3:96.11.4.255 (@1933)

(1092) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(1093) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 4 0-4:96.11.4.255 (@1937)

(1094) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1095) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1096) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1097) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1098) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1099) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1100) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1101) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1102) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(1103) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1104) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1105) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1106) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1107) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1108) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1109) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)

(1110) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1111) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1112) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1113) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1114) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1115) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1116) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)

(1117) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1118) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1119) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1120) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1121) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1122) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1123) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Event Object - M-Bus Event Log 0-0:96.11.3.255 (@1985)

(1124) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1125) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)

(1126) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1127) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1128) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1129) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1130) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1131) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1132) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)

(1133) .logical_name
INAPPLICABLE
Optional object is not implemented
(1134) .default_mode
INAPPLICABLE
Optional object is not implemented
(1135) .default_baud
INAPPLICABLE
Optional object is not implemented
(1136) .prop_baud
INAPPLICABLE
Optional object is not implemented
(1137) .response_time
INAPPLICABLE
Optional object is not implemented
(1138) .device_addr
INAPPLICABLE
Optional object is not implemented

Mngmt Get IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)

(1139) .logical_name
PASSED
<Data>
<OctetString Value="0000160000FF" />
</Data>
(1140) .comm_speed
PASSED
<Data>
<Enum Value="05" />
</Data>
(1141) .window_size_transmit

```
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(1142) .window_size_receive
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(1143) .max_info_field_lenght_transmit
PASSED
  <Data>
    <LongUnsigned Value="0080" />
  </Data>
(1144) .max_info_field_lenght_receive
PASSED
  <Data>
    <LongUnsigned Value="00F8" />
  </Data>
(1145) .inter_octet_time_out
PASSED
  <Data>
    <LongUnsigned Value="0096" />
  </Data>
(1146) .inactivity_time_out
PASSED
  <Data>
    <LongUnsigned Value="0078" />
  </Data>
(1147) .device_address
PASSED
  <Data>
    <LongUnsigned Value="0011" />
  </Data>

Mngmt Get TCP-UDP setup 0-0:25.0.0.255 (@2024)
(1148) .logical_name
PASSED
  <Data>
    <OctetString Value="0000190000FF" />
  </Data>
(1149) .TCP-UDP_port
PASSED
  <Data>
    <LongUnsigned Value="F0B0" />
  </Data>
(1150) .IP_reference
PASSED
  <Data>
    <OctetString Value="0000190700FF" />
  </Data>
(1151) .MSS
PASSED
  <Data>
```

```

        <LongUnsigned Value="0500" />
    </Data>
(1152) .nb_of_sim_conn
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(1153) .inactivity_time_out
PASSED
    <Data>
        <LongUnsigned Value="00B4" />
    </Data>

Mngmt Get IPv4 setup 0-0:25.1.0.255 (@2032)
(1154) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1155) .DL_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1156) .IP_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1157) .multicast_IP_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1158) .IP_options
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1159) .subnet_mask
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1160) .gateway_IP_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1161) .use_DHCP_flag
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1162) .primary_DNS_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(1163) .secondary_DNS_address
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get IPv6 setup 0-0:25.7.0.255 (@2047)
(1164) .logical_name
PASSED
    <Data>
        <OctetString Value="0000190700FF" />
    </Data>
(1165) .DL_reference
PASSED
    <Data>

```



```

        <OctetString Value="0000190200FF" />
    </Data>
(1166) .address_config_mode
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(1167) .unicast_IPv6_addresses
PASSED
    <Data>
        <Array Qty="0001" >
            <OctetString Value="FE80000000000000781D00FFFE000001" />
        </Array>
    </Data>
(1168) .multicast_IPv6_addresses
PASSED
    <Data>
        <Array Qty="0001" >
            <OctetString Value="FF020000000000000000000000000001" />
        </Array>
    </Data>
(1169) .gateway_IPv6_address
PASSED
    <Data>
        <Array Qty="0001" >
            <OctetString Value="FE80000000000000781D00FFFE000000" />
        </Array>
    </Data>
(1170) .primary_DNS_address
PASSED
    <Data>
        <OctetString Value="" />
    </Data>
(1171) .secondary_DNS_address
PASSED
    <Data>
        <OctetString Value="" />
    </Data>
(1172) .traffic_class
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(1173) .neighbor_discovery_setup
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0003" >
                <Unsigned Value="03" />
                <LongUnsigned Value="2710" />
                <DoubleLongUnsigned Value="00000000" />
            </Structure>
        </Array>
    </Data>

```

Mngmt Get PPP setup 0-0:25.3.0.255 (@2061)
(1174) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1175) .PHY_refernce
INAPPLICABLE
Object is not required according to OM and/or extensions
(1176) .LCP_options
INAPPLICABLE
Object is not required according to OM and/or extensions
(1177) .IPCP_options
INAPPLICABLE
Object is not required according to OM and/or extensions
(1178) .PPP_authentication
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Push setup - Interval_1 0-1:25.9.0.255 (@2069)

(1179) .logical_name
PASSED
<Data>
 <OctetString Value="0001190900FF" />
</Data>

(1180) .push_object_list
PASSED
<Data>
 <Array Qty="0000" >
 </Array>
</Data>

(1181) .send_destination_and_method
PASSED
<Data>
 <Structure Qty="0003" >
 <Enum Value="01" />
 <OctetString Value="\:." />
 <Enum Value="00" />
 </Structure>
</Data>

(1182) .communication_window
PASSED
<Data>
 <Array Qty="0000" >
 </Array>
</Data>

(1183) .randomisation_start_interval
PASSED
<Data>
 <LongUnsigned Value="0000" />
</Data>

(1184) .number_of_retries
PASSED
<Data>
 <Unsigned Value="00" />

```

    </Data>
(1185) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Get Push setup - Interval_2 0-2:25.9.0.255 (@2079)
(1186) .logical_name
PASSED
    <Data>
        <OctetString Value="0002190900FF" />
    </Data>
(1187) .push_object_list
PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600100FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(1188) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="01" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(1189) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1190) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(1191) .number_of_retries
PASSED
    <Data>

```

```

        <Unsigned Value="03" />
    </Data>
(1192) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Get Push setup - Interval_3 0-3:25.9.0.255 (@2089)
(1193) .logical_name
PASSED
    <Data>
        <OctetString Value="0003190900FF" />
    </Data>
(1194) .push_object_list
PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600100FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(1195) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="01" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(1196) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1197) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(1198) .number_of_retries
PASSED

```

```
<Data>
  <Unsigned Value="03" />
</Data>
(1199) .repetition_delay
PASSED
<Data>
  <LongUnsigned Value="001E" />
</Data>

Mngmt Get Push setup - On Alarm 0-4:25.9.0.255 (@2099)
(1200) .logical_name
PASSED
<Data>
  <OctetString Value="0004190900FF" />
</Data>
(1201) .push_object_list
PASSED
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600100FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000616214FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000616215FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000616216FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000616217FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

```

        </Structure>
    </Array>
</Data>
(1202) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="01" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(1203) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1204) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(1205) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(1206) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Get Push setup - On Connectivity 0-0:25.9.0.255 (@2109)
(1207) .logical_name
PASSED
    <Data>
        <OctetString Value="0000190900FF" />
    </Data>
(1208) .push_object_list
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600100FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(1209) .send_destination_and_method
PASSED

```

```

    <Data>
      <Structure Qty="0003" >
        <Enum Value="01" />
        <OctetString Value="" />
        <Enum Value="00" />
      </Structure>
    </Data>
(1210) .communication_window
PASSED
    <Data>
      <Array Qty="0000" >
      </Array>
    </Data>
(1211) .randomisation_start_interval
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(1212) .number_of_retries
PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>
(1213) .repetition_delay
PASSED
    <Data>
      <LongUnsigned Value="0032" />
    </Data>

Mngmt Get Push setup - On Installation 0-7:25.9.0.255 (@2119)
(1214) .logical_name
PASSED
    <Data>
      <OctetString Value="0007190900FF" />
    </Data>
(1215) .push_object_list
PASSED
    <Data>
      <Array Qty="0003" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600100FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0003" />
          <OctetString Value="0100010800FF" />
        </Structure>
      </Array>
    </Data>

```

```

        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(1216) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="01" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(1217) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1218) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(1219) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(1220) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Get Push setup - On Power down 0-5:25.9.0.255 (@2129)
(1221) .logical_name
INAPPLICABLE
    Optional object is not implemented
(1222) .push_object_list
INAPPLICABLE
    Optional object is not implemented
(1223) .send_destination_and_method
INAPPLICABLE
    Optional object is not implemented
(1224) .communication_window
INAPPLICABLE
    Optional object is not implemented
(1225) .randomisation_start_interval
INAPPLICABLE
    Optional object is not implemented
(1226) .number_of_retries
INAPPLICABLE

```


Optional object is not implemented
(1227) .repetition_delay
INAPPLICABLE
Optional object is not implemented

Mngmt Get Push script table 0-0:10.0.108.255 (@2139)
(1228) .logical_name
PASSED

```
<Data>  
  <OctetString Value="00000A006CFF" />  
</Data>
```

(1229) .scripts
PASSED

```
<Data>  
  <Array Qty="0006" >  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0001" />  
      <Array Qty="0001" >  
        <Structure Qty="0005" >  
          <Enum Value="02" />  
          <LongUnsigned Value="0028" />  
          <OctetString Value="0001190900FF" />  
          <Integer Value="01" />  
          <Integer Value="00" />  
        </Structure>  
      </Array>  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0002" />  
      <Array Qty="0001" >  
        <Structure Qty="0005" >  
          <Enum Value="02" />  
          <LongUnsigned Value="0028" />  
          <OctetString Value="0002190900FF" />  
          <Integer Value="01" />  
          <Integer Value="00" />  
        </Structure>  
      </Array>  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0003" />  
      <Array Qty="0001" >  
        <Structure Qty="0005" >  
          <Enum Value="02" />  
          <LongUnsigned Value="0028" />  
          <OctetString Value="0003190900FF" />  
          <Integer Value="01" />  
          <Integer Value="00" />  
        </Structure>  
      </Array>  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <Array Qty="0001" >
```

```

    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0028" />
      <OctetString Value="0004190900FF" />
      <Integer Value="01" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0005" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0028" />
      <OctetString Value="0000190900FF" />
      <Integer Value="01" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0006" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0028" />
      <OctetString Value="0007190900FF" />
      <Integer Value="01" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
</Array>
</Data>

```

Mngmt Get Push action scheduler - Interval_1 0-1:15.0.4.255 (@2144)
(1230) .logical_name

PASSED

```

<Data>
  <OctetString Value="00010F0004FF" />
</Data>

```

(1231) .executed_script

PASSED

```

<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0001" />
  </Structure>
</Data>

```

(1232) .type

PASSED

```

<Data>
  <Enum Value="05" />

```

```
</Data>
(1233) .execution_time
PASSED
```

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

```
Mngmt Get Push action scheduler - Interval_2 0-2:15.0.4.255 (@2150)
(1234) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="00020F0004FF" />
</Data>
```

```
(1235) .executed_script
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0002" />
  </Structure>
</Data>
```

```
(1236) .type
PASSED
```

```
<Data>
  <Enum Value="05" />
</Data>
```

```
(1237) .execution_time
PASSED
```

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

```
Mngmt Get Push action scheduler - Interval_3 0-3:15.0.4.255 (@2156)
(1238) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="00030F0004FF" />
</Data>
```

```
(1239) .executed_script
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0003" />
  </Structure>
</Data>
```

```
(1240) .type
PASSED
```

```
<Data>
  <Enum Value="05" />
</Data>
```

```
(1241) .execution_time
```

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Get Auto connect 0-0:2.1.0.255 (@2163)

(1242) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000020100FF" />
</Data>
```

(1243) .mode

PASSED

```
<Data>
  <Enum Value="65" />
</Data>
```

(1244) .repetitions

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(1245) .repetition_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(1246) .calling_window

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(1247) .destination_list

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Get MAC address setup 0-0:25.2.0.255 (@2172)

(1248) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000190200FF" />
</Data>
```

(1249) .MAC_address

PASSED

```
<Data>
  <OctetString Value="98B1772D611D" />
</Data>
```

Mngmt Get GPRS modem setup 0-0:25.4.0.255 (@2177)

(1250) .logical_name

INAPPLICABLE
Object is not required according to OM and/or extensions
(1251) .APN

INAPPLICABLE
Object is not required according to OM and/or extensions
(1252) .PIN_code

INAPPLICABLE
Object is not required according to OM and/or extensions
(1253) .quality_of_service

INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Modem configuration 0-0:2.0.0.255 (@2183)
(1254) .logical_name

INAPPLICABLE
Object is not required according to OM and/or extensions
(1255) .comm_speed

INAPPLICABLE
Object is not required according to OM and/or extensions
(1256) .initialization_string

INAPPLICABLE
Object is not required according to OM and/or extensions
(1257) .modem_profile

INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Auto answer 0-0:2.2.0.255 (@2189)
(1258) .logical_name

INAPPLICABLE
Object is not required according to OM and/or extensions
(1259) .mode

INAPPLICABLE
Object is not required according to OM and/or extensions
(1260) .listening_window

INAPPLICABLE
Object is not required according to OM and/or extensions
(1261) .status

INAPPLICABLE
Object is not required according to OM and/or extensions
(1262) .number_of_calls

INAPPLICABLE
Object is not required according to OM and/or extensions
(1263) .number_of_rings

INAPPLICABLE
Object is not required according to OM and/or extensions
(1264) .list_of_allowed_callers

INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get G3-PLC MAC layer counters 0-0:29.0.0.255 (@2199)
(1265) .logical_name

PASSED
<Data>
<OctetString Value="00001D0000FF" />

```
</Data>
(1266) .mac_Tx_data_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000317" />
  </Data>
(1267) .mac_Rx_data_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="000002D7" />
  </Data>
(1268) .mac_Tx_cmd_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000009" />
  </Data>
(1269) .mac_Rx_cmd_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000008" />
  </Data>
(1270) .mac_CSMA_fail_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1271) .mac_CSMA_no_ACK_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1272) .mac_bad_CRC_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1273) .mac_Tx_data_broadcast_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1274) .mac_Rx_data_broadcast_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>

Mngmt Get G3-PLC MAC setup 0-0:29.1.0.255 (@2212)
(1275) .logical_name
PASSED
  <Data>
    <OctetString Value="00001D0100FF" />
  </Data>
(1276) .mac_short_address
```



```
        <Integer Value="00" />
        <Unsigned Value="01" />
        <Unsigned Value="00" />
    </Structure>
</Array>
</Data>
(1285) .mac_high_priority_window_size
PASSED
    <Data>
        <Unsigned Value="07" />
    </Data>
(1286) .mac_CSMA_fairness_limit
PASSED
    <Data>
        <Unsigned Value="19" />
    </Data>
(1287) .mac_beacon_randomization_window_length
PASSED
    <Data>
        <Unsigned Value="0C" />
    </Data>
(1288) .mac_A
PASSED
    <Data>
        <Unsigned Value="08" />
    </Data>
(1289) .mac_K
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(1290) .mac_min_CW_attempts
PASSED
    <Data>
        <Unsigned Value="0A" />
    </Data>
(1291) .mac_cenelec_legacy_mode
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(1292) .mac_FCC_legacy_mode
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(1293) .mac_max_BE
PASSED
    <Data>
        <Unsigned Value="08" />
    </Data>
(1294) .mac_max_CSMA_backoffs
PASSED
    <Data>
```



```

        <Unsigned Value="32" />
    </Data>
(1295) .mac_min_BE
PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>

Mngmt Get G3-PLC MAC 6LoWPAN adaptation layer setup 0-0:29.2.0.255 (@2237)
(1296) .logical_name
PASSED
    <Data>
        <OctetString Value="00001D0200FF" />
    </Data>
(1297) .adp_max_hops
PASSED
    <Data>
        <Unsigned Value="0E" />
    </Data>
(1298) .adp_weak_LQI_value
PASSED
    <Data>
        <Unsigned Value="34" />
    </Data>
(1299) .adp_security_level
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(1300) .adp_prefix_table
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
    </Data>
(1301) .adp_routing_configuration
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="000E" >
                <Unsigned Value="14" />
                <LongUnsigned Value="01E0" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="0A" />
                <Unsigned Value="04" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="1E" />
                <LongUnsigned Value="0006" />
                <Boolean Value="01" />
                <Boolean Value="00" />
                <Unsigned Value="00" />
            </Structure>
        </Array>
    </Data>

```

```

        </Structure>
    </Array>
</Data>
(1302) .adp_broadcast_log_table_entry_TTL
PASSED
    <Data>
        <LongUnsigned Value="0002" />
    </Data>
(1303) .adp_routing_table
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0006" >
                <LongUnsigned Value="0000" />
                <LongUnsigned Value="0000" />
                <LongUnsigned Value="000B" />
                <Unsigned Value="01" />
                <Unsigned Value="00" />
                <LongUnsigned Value="01E0" />
            </Structure>
        </Array>
    </Data>
(1304) .adp_context_information_table
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1305) .adp_blacklist_table
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1306) .adp_broadcast_log_table
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1307) .adp_group_table
PASSED
    <Data>
        <Array Qty="0001" >
            <LongUnsigned Value="8001" />
        </Array>
    </Data>
(1308) .adp_max_join_wait_time
PASSED
    <Data>
        <LongUnsigned Value="0014" />
    </Data>
(1309) .adp_path_discovery_time
PASSED

```

```

        <Data>
            <Unsigned Value="28" />
        </Data>
(1310) .adp_active_key_index
PASSED
        <Data>
            <Unsigned Value="00" />
        </Data>
(1311) .adp_metric_type
PASSED
        <Data>
            <Unsigned Value="0F" />
        </Data>
(1312) .adp_coord_short_address
PASSED
        <Data>
            <LongUnsigned Value="0000" />
        </Data>
(1313) .adp_disable_default_routing
PASSED
        <Data>
            <Boolean Value="00" />
        </Data>
(1314) .adp_device_type
PASSED
        <Data>
            <Enum Value="00" />
        </Data>

```

```

*****
Test Case 6 : Set mngmt attributes, 325 item(s)
*****

```

```

Mngmt Set Current association 0-0:40.0.0.255 (@9)
(1) .authentication_mechanism_name
INAPPLICABLE
    Optional access right not available
(2) .secret
INAPPLICABLE
    Optional access right not available

```

```

Mngmt Set Security setup 0-0:43.0.0.255 (@24)
(3) .security_suite
PASSED

```

```

    <Data>
        <Enum Value="00" />
    </Data>

```

```

Mngmt Set Device ID 2 0-0:96.1.1.255 (@50)
(4) .value
PASSED

```

```

    <Data>
        <OctetString Value="\Device ID 2" />
    </Data>

```

Mngmt Set Device ID 3 0-0:96.1.2.255 (@54)

(5) .value

PASSED

```
<Data>
  <OctetString Value="\Device ID 3" />
</Data>
```

Mngmt Set Device ID 4 0-0:96.1.3.255 (@58)

(6) .value

PASSED

```
<Data>
  <OctetString Value="\Device ID 4" />
</Data>
```

Mngmt Set Device ID 5 0-0:96.1.4.255 (@62)

(7) .value

PASSED

```
<Data>
  <OctetString Value="\Device ID 5" />
</Data>
```

Mngmt Set Clock 0-0:1.0.0.255 (@75)

(8) .time

PASSED

```
<Data>
  <OctetString Value="07E8081A010B0233FF800080" />
</Data>
```

(9) .time_zone

PASSED

```
<Data>
  <Long Value="FFC4" />
</Data>
```

(10) .daylights_savings_begin

PASSED

```
<Data>
  <OctetString Value="FFFF03FE07020000008000FF" />
</Data>
```

(11) .daylights_savings_end

PASSED

```
<Data>
  <OctetString Value="FFFF0AFE07030000008000FF" />
</Data>
```

(12) .daylights_savings_deviation

PASSED

```
<Data>
  <Integer Value="3C" />
</Data>
```

(13) .daylights_savings_enabled

PASSED

```
<Data>
  <Boolean Value="01" />
</Data>
```

Mngmt Set Clock Time Shift Limit 1-0:0.9.11.255 (@94)
(14) .value
PASSED
 <Data>
 <Unsigned Value="3C" />
 </Data>

Mngmt Set NTP setup 0-0:25.10.0.255 (@100)
(15) .activated
INAPPLICABLE
 Optional object is not implemented
(16) .server_address
INAPPLICABLE
 Optional object is not implemented
(17) .server_port
INAPPLICABLE
 Optional object is not implemented
(18) .authentication_method
INAPPLICABLE
 Optional object is not implemented
(19) .authentication_keys
INAPPLICABLE
 Optional object is not implemented
(20) .client_key
INAPPLICABLE
 Optional object is not implemented

Mngmt Set Activity Calendar 0-0:13.0.0.255 (@112)
(21) .calendar_name_passive
PASSED
 <Data>
 <OctetString Value="\CNP_CFE7" />
 </Data>
(22) .season_profile_passive
PASSED
 <Data>
 <Array Qty="0000" >
 </Array>
 </Data>
(23) .week_profile_table_passive
PASSED
 <Data>
 <Array Qty="0000" >
 </Array>
 </Data>
(24) .day_profile_table_passive
PASSED
 <Data>
 <Array Qty="0000" >
 </Array>
 </Data>
(25) .activate_passive_calendar_time
PASSED
 <Data>

```
<OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

Mngmt Set Special Days Table 0-0:11.0.0.255 (@125)
(26) .entries
PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="07E1031BFF" />
      <Unsigned Value="01" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set Register activation - Energy 0-0:14.0.1.255 (@129)
(27) .register_assignment
INAPPLICABLE

Optional access right not available

(28) .mask_list
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="5241544531000000" />
      <Array Qty="0005" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="21" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544532000000" />
      <Array Qty="0005" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="22" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544533000000" />
      <Array Qty="0005" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="23" />
      </Array>
    </Structure>
  </Array>
</Data>
```

```
<Structure Qty="0002" >
  <OctetString Value="5241544534000000" />
  <Array Qty="0005" >
    <Unsigned Value="04" />
    <Unsigned Value="08" />
    <Unsigned Value="0C" />
    <Unsigned Value="10" />
    <Unsigned Value="24" />
  </Array>
</Structure>
</Array>
</Data>
```

Mngmt Set Register activation - Maximum Demand 0-0:14.0.2.255 (@135)
(29) .register_assignment
INAPPLICABLE
Optional access right not available
(30) .mask_list
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="5241544531000000" />
      <Array Qty="0004" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544532000000" />
      <Array Qty="0004" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544533000000" />
      <Array Qty="0004" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544534000000" />
      <Array Qty="0004" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
      </Array>
    </Structure>
  </Array>
```

```
        <Unsigned Value="10" />
      </Array>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Tariffication script table 0-0:10.0.100.255 (@141)
(31) .scripts
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0001" />
      <Array Qty="0002" >
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0001FF" />
          <Integer Value="04" />
          <OctetString Value="5241544531000000" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0002FF" />
          <Integer Value="04" />
          <OctetString Value="5241544531000000" />
        </Structure>
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0002" />
      <Array Qty="0002" >
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0001FF" />
          <Integer Value="04" />
          <OctetString Value="5241544532000000" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0002FF" />
          <Integer Value="04" />
          <OctetString Value="5241544532000000" />
        </Structure>
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <Array Qty="0002" >
        <Structure Qty="0005" >
          <Enum Value="01" />
```



```

        <LongUnsigned Value="0006" />
        <OctetString Value="00000E0001FF" />
        <Integer Value="04" />
        <OctetString Value="5241544533000000" />
    </Structure>
    <Structure Qty="0005" >
        <Enum Value="01" />
        <LongUnsigned Value="0006" />
        <OctetString Value="00000E0002FF" />
        <Integer Value="04" />
        <OctetString Value="5241544533000000" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0002" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="5241544534000000" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="5241544534000000" />
        </Structure>
    </Array>
</Structure>
</Array>
</Data>

```

Mngmt Set End of billing period 1 scheduler 0-0:15.0.0.255 (@152)

(32) .type

INAPPLICABLE

Optional access right not available

(33) .execution_time

PASSED

```

<Data>
    <Array Qty="0001" >
        <Structure Qty="0002" >
            <OctetString Value="00000000" />
            <OctetString Value="FFFFFF01FF" />
        </Structure>
    </Array>
</Data>

```

Mngmt Set Data of billing period 1 0-0:98.1.0.255 (@158)

(34) .capture_objects

PASSED

```
<Data>
  <Array Qty="0005" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010802FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020802FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set Disconnect control scheduler 0-0:15.0.1.255 (@170)
(35) .executed_script

INAPPLICABLE

Object is not required according to OM and/or extensions

(36) .type

INAPPLICABLE

Object is not required according to OM and/or extensions

(37) .execution_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Disconnect control 0-0:96.3.10.255 (@181)

(38) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Disconnect Control Log 0-0:99.98.2.255 (@193)

(39) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Load Mgmt - Relay control 1 0-1:96.3.10.255 (@209)
(40) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Load Mgmt - Relay control 2 0-2:96.3.10.255 (@217)
(41) .control_mode

INAPPLICABLE

Optional object is not implemented

Mngmt Set Limiter 0-0:17.0.0.255 (@225)
(42) .monitored_value

INAPPLICABLE

Object is not required according to OM and/or extensions

(43) .threshold_normal

INAPPLICABLE

Object is not required according to OM and/or extensions

(44) .treshold_emergency

INAPPLICABLE

Object is not required according to OM and/or extensions

(45) .min_over_threshold_duration

INAPPLICABLE

Object is not required according to OM and/or extensions

(46) .min_under_threshold_duration

INAPPLICABLE

Object is not required according to OM and/or extensions

(47) .emergency_profile

INAPPLICABLE

Object is not required according to OM and/or extensions

(48) .emergency_profile_group_id_list

INAPPLICABLE

Object is not required according to OM and/or extensions

(49) .actions

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Supervision monitor 1 - Fuse supervision L1 1-0:31.4.0.255 (@238)
(50) .thresholds

INAPPLICABLE

Object is not required according to OM and/or extensions

(51) .monitored_value

INAPPLICABLE

Object is not required according to OM and/or extensions

(52) .actions

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Supervision monitor 2 - Fuse supervision L2 1-0:51.4.0.255 (@244)
(53) .thresholds

INAPPLICABLE

Object is not required according to OM and/or extensions

(54) .monitored_value

INAPPLICABLE

Object is not required according to OM and/or extensions

(55) .actions

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Supervision monitor 3 - Fuse supervision L3 1-0:71.4.0.255 (@250)

(56) .thresholds

INAPPLICABLE

Object is not required according to OM and/or extensions

(57) .monitored_value

INAPPLICABLE

Object is not required according to OM and/or extensions

(58) .actions

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Error Register 0-0:97.97.0.255 (@257)

(59) .value

PASSED

<Data>

<DoubleLongUnsigned Value="00000000" />

</Data>

Mngmt Set Alarm Register 1 0-0:97.98.0.255 (@261)

(60) .value

PASSED

<Data>

<DoubleLongUnsigned Value="00002000" />

</Data>

Mngmt Set Alarm Filter 1 0-0:97.98.10.255 (@265)

(61) .value

PASSED

<Data>

<DoubleLongUnsigned Value="00003F01" />

</Data>

Mngmt Set Alarm Descriptor 1 0-0:97.98.20.255 (@269)

(62) .value

PASSED

<Data>

<DoubleLongUnsigned Value="00002001" />

</Data>

Mngmt Set Alarm Monitor 1 0-0:16.1.0.255 (@273)

(63) .actions

PASSED

<Data>

<Array Qty="0001" >

<Structure Qty="0002" >

<Structure Qty="0002" >

<OctetString Value="00000A006CFF" />

<LongUnsigned Value="0004" />

```
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="00000A006CFF" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Structure>
</Array>
</Data>
```

Mngmt Set Alarm Register 2 0-0:97.98.1.255 (@279)
(64) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00040003" />
</Data>
```

Mngmt Set Alarm Filter 2 0-0:97.98.11.255 (@283)
(65) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="80047427" />
</Data>
```

Mngmt Set Alarm Descriptor 2 0-0:97.98.21.255 (@287)
(66) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00040003" />
</Data>
```

Mngmt Set Alarm Monitor 2 0-0:16.1.1.255 (@291)
(67) .actions
PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0004" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Standard Event Log 0-0:99.98.0.255 (@301)
(68) .capture_objects
PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
```

```
    <LongUnsigned Value="0008" />
    <OctetString Value="0000010000FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
  <Structure Qty="0004" >
    <LongUnsigned Value="0001" />
    <OctetString Value="0000600B00FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Array>
</Data>
```

Mngmt Set Fraud Detection Log 0-0:99.98.1.255 (@316)
(69) .capture_objects
PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B01FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set Communication Log 0-0:99.98.5.255 (@331)
(70) .capture_objects
PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B05FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)
(71) .value
PASSED

```
<Data>  
  <OctetString Value="00" />  
</Data>
```

Mngmt Set Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)
(72) .value
PASSED

```
<Data>  
  <OctetString Value="\12345678" />  
</Data>
```

Mngmt Set Push action scheduler - Consumer Information 0-4:15.0.4.255 (@351)
(73) .executed_script
INAPPLICABLE

Object is not required according to OM and/or extensions

(74) .type
INAPPLICABLE

Object is not required according to OM and/or extensions

(75) .execution_time
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Push setup - Consumer Information 0-6:25.9.0.255 (@357)
(76) .push_object_list
INAPPLICABLE

Object is not required according to OM and/or extensions

(77) .send_destination_and_method
INAPPLICABLE

Object is not required according to OM and/or extensions

(78) .communication_window
INAPPLICABLE

Object is not required according to OM and/or extensions

(79) .randomisation_start_interval
INAPPLICABLE

Object is not required according to OM and/or extensions

(80) .number_of_retries
INAPPLICABLE

Object is not required according to OM and/or extensions

(81) .repetition_delay
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Security setup - Consumer Information 0-0:43.0.1.255 (@367)
(82) .security_suite
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255
(@376)

(83) .comm_speed
INAPPLICABLE

Object is not required according to OM and/or extensions
(84) .window_size_transmit
INAPPLICABLE
Object is not required according to OM and/or extensions
(85) .window_size_receive
INAPPLICABLE
Object is not required according to OM and/or extensions
(86) .max_info_field_lenght_transmit
INAPPLICABLE
Object is not required according to OM and/or extensions
(87) .max_info_field_lenght_receive
INAPPLICABLE
Object is not required according to OM and/or extensions
(88) .inter_octet_time_out
INAPPLICABLE
Object is not required according to OM and/or extensions
(89) .inactivity_time_out
INAPPLICABLE
Object is not required according to OM and/or extensions
(90) .device_address
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set Image transfer 0-0:44.0.0.255 (@388)

(91) .image_block_size

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000487" />  
</Data>
```

(92) .image_transfer_enabled

PASSED

```
<Data>  
  <Boolean Value="01" />  
</Data>
```

Mngmt Set Image transfer activation scheduler 0-0:15.0.2.255 (@401)

(93) .executed_script

INAPPLICABLE

Optional access right not available

(94) .type

INAPPLICABLE

Optional access right not available

(95) .execution_time

PASSED

```
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0002" >  
      <OctetString Value="FFFFFFFF" />  
      <OctetString Value="FFFFFFFFFFFF" />  
    </Structure>  
  </Array>  
</Data>
```

Mngmt Set Demand Register 1 - Active energy import (+A) 1-0:1.4.0.255 (@775)

(96) .period
PASSED
 <Data>
 <DoubleLongUnsigned Value="00000384" />
 </Data>

(97) .number_of_periods
PASSED
 <Data>
 <LongUnsigned Value="0001" />
 </Data>

Mngmt Set Demand Register 2 - Active energy export (-A) 1-0:2.4.0.255 (@788)

(98) .period
PASSED
 <Data>
 <DoubleLongUnsigned Value="00000384" />
 </Data>

(99) .number_of_periods
PASSED
 <Data>
 <LongUnsigned Value="0001" />
 </Data>

Mngmt Set Demand Register 3 - Reactive energy import (+R) 1-0:3.4.0.255

(@801)
(100) .period
PASSED
 <Data>
 <DoubleLongUnsigned Value="00000384" />
 </Data>

(101) .number_of_periods
PASSED
 <Data>
 <LongUnsigned Value="0001" />
 </Data>

Mngmt Set Demand Register 4 - Reactive energy export (-R) 1-0:4.4.0.255

(@814)
(102) .period
PASSED
 <Data>
 <DoubleLongUnsigned Value="00000384" />
 </Data>

(103) .number_of_periods
PASSED
 <Data>
 <LongUnsigned Value="0001" />
 </Data>

Mngmt Set Demand Register 5 - Apparent energy import (+VA) 1-0:9.4.0.255

(@827)
(104) .period
PASSED
 <Data>

```

        <DoubleLongUnsigned Value="00000384" />
    </Data>
(105) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="0001" />
    </Data>

Mngmt Set Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255
(@840)
(106) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000384" />
    </Data>
(107) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="0001" />
    </Data>

Mngmt Set Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255
(@1146)
(108) .capture_objects
PASSED
    <Data>
        <Array Qty="0004" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600A01FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010800FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100020800FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(109) .capture_period

```

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000384" />
</Data>
```

(110) .profile_entries

INAPPLICABLE

Optional access right not available

Mngmt Set Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255

(@1161)

(111) .capture_objects

PASSED

```
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600A02FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010802FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020802FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(112) .capture_period

PASSED

```
        <Data>
          <DoubleLongUnsigned Value="00015180" />
        </Data>
(113) .profile_entries
INAPPLICABLE
  Optional access right not available

Mngmt Set Time threshold for long power failure 0-0:96.7.20.255 (@1181)
(114) .value
PASSED
  <Data>
    <LongUnsigned Value="00B4" />
  </Data>

Mngmt Set Threshold for voltage sag 1-0:12.31.0.255 (@1193)
(115) .value
PASSED
  <Data>
    <LongUnsigned Value="00CF" />
  </Data>

Mngmt Set Time threshold for voltage sag 1-0:12.43.0.255 (@1199)
(116) .value
PASSED
  <Data>
    <LongUnsigned Value="001E" />
  </Data>

Mngmt Set Threshold for voltage swell 1-0:12.35.0.255 (@1253)
(117) .value
PASSED
  <Data>
    <LongUnsigned Value="00FD" />
  </Data>

Mngmt Set Time threshold for voltage swell 1-0:12.44.0.255 (@1259)
(118) .value
PASSED
  <Data>
    <LongUnsigned Value="001E" />
  </Data>

Mngmt Set Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)
(119) .value
PASSED
  <Data>
    <LongUnsigned Value="0067" />
  </Data>

Mngmt Set Time threshold for voltage cut 1-0:12.45.0.255 (@1319)
(120) .value
PASSED
  <Data>
    <LongUnsigned Value="001E" />
  </Data>
```

</Data>

Mngmt Set Power Failure Event Log 1-0:99.97.0.255 (@1325)
(121) .capture_objects
PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0000600713FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set Power Quality Log 0-0:99.98.4.255 (@1340)
(122) .capture_objects
PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B04FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set Sliding Average current L1 (for fuse supervision) 1-0:31.4.0.255
(@1369)

(123) .number_of_periods
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Sliding Average current L2 (for fuse supervision) 1-0:51.4.0.255
(@1400)

(124) .number_of_periods
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Sliding Average current L3 (for fuse supervision) 1-0:71.4.0.255 (@1431)

(125) .number_of_periods

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Average Import Power (+A) 1-0:1.24.0.255 (@1498)

(126) .number_of_periods

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Average Net Power (|+A|-|-A|) 1-0:16.24.0.255 (@1511)

(127) .number_of_periods

PASSED

<Data>

<LongUnsigned Value="000F" />

</Data>

Mngmt Set Average Total Power (|+A|+|-A|) 1-0:15.24.0.255 (@1524)

(128) .number_of_periods

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)

(129) .value

PASSED

<Data>

<DoubleLongUnsigned Value="00000258" />

</Data>

Mngmt Set M-Bus client channel 1 0-1:24.1.0.255 (@1574)

(130) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(131) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(132) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(133) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 2 0-2:24.1.0.255 (@1596)

(134) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(135) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(136) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(137) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(138) .mbus_port_reference
INAPPLICABLE
Object is not required according to OM and/or extensions

(139) .capture_definition
INAPPLICABLE
Object is not required according to OM and/or extensions

(140) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(141) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(142) .mbus_port_reference
INAPPLICABLE
Object is not required according to OM and/or extensions

(143) .capture_definition
INAPPLICABLE
Object is not required according to OM and/or extensions

(144) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(145) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(146) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)
(147) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 3 0-1:24.2.3.255 (@1678)
(148) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 4 0-1:24.2.4.255 (@1686)
(149) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)
(150) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)
(151) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 3 0-2:24.2.3.255 (@1710)
(152) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 4 0-2:24.2.4.255 (@1718)
(153) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)
(154) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)
(155) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 3 0-3:24.2.3.255 (@1742)
(156) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 4 0-3:24.2.4.255 (@1750)
(157) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(158) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(159) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 3 0-4:24.2.3.255 (@1774)
(160) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 4 0-4:24.2.4.255 (@1782)

(161) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
(162) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(163) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(164) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(165) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(166) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(167) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(168) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(169) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(170) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(171) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)
(172) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(173) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(174) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(175) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(176) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(177) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(178) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(179) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(180) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(181) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(182) .executed_script

INAPPLICABLE

Object is not required according to OM and/or extensions
(183) .type

INAPPLICABLE

Object is not required according to OM and/or extensions
(184) .execution_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)

(185) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(186) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(187) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(188) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Event Log 0-0:99.98.3.255 (@1989)
(189) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)
(190) .default_mode
INAPPLICABLE
Optional object is not implemented

(191) .default_baud
INAPPLICABLE
Optional object is not implemented

(192) .prop_baud
INAPPLICABLE
Optional object is not implemented

(193) .response_time
INAPPLICABLE
Optional object is not implemented

(194) .device_addr
INAPPLICABLE
Optional object is not implemented

(195) .pass_p1
INAPPLICABLE
Optional object is not implemented

(196) .pass_p2
INAPPLICABLE
Optional object is not implemented

(197) .pass_p3
INAPPLICABLE
Optional object is not implemented

Mngmt Set IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)
(198) .comm_speed
PASSED
<Data>

```
        <Enum Value="05" />
    </Data>
(199) .window_size_transmit
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(200) .window_size_receive
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(201) .max_info_field_lenght_transmit
PASSED
    <Data>
        <LongUnsigned Value="0080" />
    </Data>
(202) .max_info_field_lenght_receive
PASSED
    <Data>
        <LongUnsigned Value="00F8" />
    </Data>
(203) .inter_octet_time_out
PASSED
    <Data>
        <LongUnsigned Value="0096" />
    </Data>
(204) .inactivity_time_out
PASSED
    <Data>
        <LongUnsigned Value="0078" />
    </Data>
(205) .device_address
PASSED
    <Data>
        <LongUnsigned Value="0011" />
    </Data>

Mngmt Set TCP-UDP setup 0-0:25.0.0.255 (@2024)
(206) .TCP-UDP_port
PASSED
    <Data>
        <LongUnsigned Value="F0B0" />
    </Data>
(207) .MSS
PASSED
    <Data>
        <LongUnsigned Value="0500" />
    </Data>
(208) .nb_of_sim_conn
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
```

(209) .inactivity_time_out
PASSED

```
<Data>  
  <LongUnsigned Value="00B4" />  
</Data>
```

Mngmt Set IPv4 setup 0-0:25.1.0.255 (@2032)

(210) .DL_reference
INAPPLICABLE

Object is not required according to OM and/or extensions

(211) .IP_address
INAPPLICABLE

Object is not required according to OM and/or extensions

(212) .multicast_IP_address
INAPPLICABLE

Object is not required according to OM and/or extensions

(213) .IP_options
INAPPLICABLE

Object is not required according to OM and/or extensions

(214) .subnet_mask
INAPPLICABLE

Object is not required according to OM and/or extensions

(215) .gateway_IP_address
INAPPLICABLE

Object is not required according to OM and/or extensions

(216) .use_DHCP_flag
INAPPLICABLE

Object is not required according to OM and/or extensions

(217) .primary_DNS_address
INAPPLICABLE

Object is not required according to OM and/or extensions

(218) .secondary_DNS_address
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set IPv6 setup 0-0:25.7.0.255 (@2047)

(219) .DL_reference
PASSED

```
<Data>  
  <OctetString Value="0000190200FF" />  
</Data>
```

(220) .address_config_mode
PASSED

```
<Data>  
  <Enum Value="00" />  
</Data>
```

(221) .unicast_IPv6_addresses
PASSED

```
<Data>  
  <Array Qty="0001" >  
    <OctetString Value="FE80000000000000781D00FFFE000001" />  
  </Array>  
</Data>
```

(222) .multicast_IPv6_addresses

PASSED

```
<Data>
  <Array Qty="0001" >
    <OctetString Value="FF0200000000000000000000000001" />
  </Array>
</Data>
```

(223) .gateway_IPv6_address

PASSED

```
<Data>
  <Array Qty="0001" >
    <OctetString Value="FE80000000000000781D00FFFE000000" />
  </Array>
</Data>
```

(224) .primary_DNS_address

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

(225) .secondary_DNS_address

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

(226) .traffic_class

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(227) .neighbor_discovery_setup

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <Unsigned Value="03" />
      <LongUnsigned Value="2710" />
      <DoubleLongUnsigned Value="00000000" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set PPP setup 0-0:25.3.0.255 (@2061)

(228) .PHY_refernce

INAPPLICABLE

Object is not required according to OM and/or extensions

(229) .LCP_options

INAPPLICABLE

Object is not required according to OM and/or extensions

(230) .IPCP_options

INAPPLICABLE

Object is not required according to OM and/or extensions

(231) .PPP_authentication

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Push setup - Interval_1 0-1:25.9.0.255 (@2069)

(232) .push_object_list

PASSED

```
<Data>
  <Array Qty="0000" >
    </Array>
  </Data>
```

(233) .send_destination_and_method

PASSED

```
<Data>
  <Structure Qty="0003" >
    <Enum Value="01" />
    <OctetString Value="\:." />
    <Enum Value="00" />
  </Structure>
</Data>
```

(234) .communication_window

PASSED

```
<Data>
  <Array Qty="0000" >
    </Array>
  </Data>
```

(235) .randomisation_start_interval

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(236) .number_of_retries

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(237) .repetition_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Set Push setup - Interval_2 0-2:25.9.0.255 (@2079)

(238) .push_object_list

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600100FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

```

        </Structure>
    </Array>
</Data>
(239) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="01" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(240) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(241) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(242) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(243) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Set Push setup - Interval_3 0-3:25.9.0.255 (@2089)
(244) .push_object_list
PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0001" />
                <OctetString Value="0000600100FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(245) .send_destination_and_method

```


PASSED

```
<Data>
  <Structure Qty="0003" >
    <Enum Value="01" />
    <OctetString Value="" />
    <Enum Value="00" />
  </Structure>
</Data>
```

(246) .communication_window
PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(247) .randomisation_start_interval
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(248) .number_of_retries
PASSED

```
<Data>
  <Unsigned Value="03" />
</Data>
```

(249) .repetition_delay
PASSED

```
<Data>
  <LongUnsigned Value="001E" />
</Data>
```

Mngmt Set Push setup - On Alarm 0-4:25.9.0.255 (@2099)
(250) .push_object_list
PASSED

```
<Data>
  <Array Qty="0006" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600100FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000616214FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  <Structure Qty="0004" >
```

```

        <LongUnsigned Value="0001" />
        <OctetString Value="0000616215FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000616216FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000616217FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(251) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="01" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(252) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(253) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(254) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(255) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Set Push setup - On Connectivity 0-0:25.9.0.255 (@2109)
(256) .push_object_list
PASSED
    <Data>

```

```

    <Array Qty="0001" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600100FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(257) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="01" />
      <OctetString Value="" />
      <Enum Value="00" />
    </Structure>
  </Data>
(258) .communication_window
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(259) .randomisation_start_interval
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
(260) .number_of_retries
PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(261) .repetition_delay
PASSED
  <Data>
    <LongUnsigned Value="0032" />
  </Data>

Mngmt Set Push setup - On Installation 0-7:25.9.0.255 (@2119)
(262) .push_object_list
PASSED
  <Data>
    <Array Qty="0003" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600100FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
      </Structure>
    </Array>
  </Data>

```

```

        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(263) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="01" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(264) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(265) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(266) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(267) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Set Push setup - On Power down 0-5:25.9.0.255 (@2129)
(268) .push_object_list
INAPPLICABLE
    Optional object is not implemented
(269) .send_destination_and_method
INAPPLICABLE
    Optional object is not implemented
(270) .communication_window
INAPPLICABLE
    Optional object is not implemented
(271) .randomisation_start_interval
INAPPLICABLE

```

Optional object is not implemented
(272) .number_of_retries
INAPPLICABLE
Optional object is not implemented
(273) .repetition_delay
INAPPLICABLE
Optional object is not implemented

Mngmt Set Push script table 0-0:10.0.108.255 (@2139)
(274) .scripts
INAPPLICABLE
Optional access right not available

Mngmt Set Push action scheduler - Interval_1 0-1:15.0.4.255 (@2144)
(275) .executed_script
PASSED
<Data>
 <Structure Qty="0002" >
 <OctetString Value="00000A006CFF" />
 <LongUnsigned Value="0001" />
 </Structure>
</Data>
(276) .type
INAPPLICABLE
Optional access right not available
(277) .execution_time
PASSED
<Data>
 <Array Qty="0000" >
 </Array>
</Data>

Mngmt Set Push action scheduler - Interval_2 0-2:15.0.4.255 (@2150)
(278) .executed_script
PASSED
<Data>
 <Structure Qty="0002" >
 <OctetString Value="00000A006CFF" />
 <LongUnsigned Value="0002" />
 </Structure>
</Data>
(279) .type
INAPPLICABLE
Optional access right not available
(280) .execution_time
PASSED
<Data>
 <Array Qty="0000" >
 </Array>
</Data>

Mngmt Set Push action scheduler - Interval_3 0-3:15.0.4.255 (@2156)
(281) .executed_script
PASSED

```

    <Data>
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0003" />
      </Structure>
    </Data>
(282) .type
INAPPLICABLE
  Optional access right not available
(283) .execution_time
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>

Mngmt Set Auto connect 0-0:2.1.0.255 (@2163)
(284) .mode
PASSED
  <Data>
    <Enum Value="65" />
  </Data>
(285) .repetitions
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(286) .repetition_delay
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
(287) .calling_window
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(288) .destination_list
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>

Mngmt Set GPRS modem setup 0-0:25.4.0.255 (@2177)
(289) .APN
INAPPLICABLE
  Object is not required according to OM and/or extensions
(290) .PIN_code
INAPPLICABLE
  Object is not required according to OM and/or extensions
(291) .quality_of_service
INAPPLICABLE

```



```
        <Unsigned Value="02" />
    </Data>
(304) .mac_max_frame_retries
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(305) .mac_neighbour_table_entry_TTL
PASSED
    <Data>
        <Unsigned Value="FF" />
    </Data>
(306) .mac_high_priority_window_size
PASSED
    <Data>
        <Unsigned Value="07" />
    </Data>
(307) .mac_CSMA_fairness_limit
PASSED
    <Data>
        <Unsigned Value="19" />
    </Data>
(308) .mac_beacon_randomization_window_length
PASSED
    <Data>
        <Unsigned Value="0C" />
    </Data>
(309) .mac_A
PASSED
    <Data>
        <Unsigned Value="08" />
    </Data>
(310) .mac_K
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(311) .mac_min_CW_attempts
PASSED
    <Data>
        <Unsigned Value="0A" />
    </Data>
(312) .mac_max_BE
PASSED
    <Data>
        <Unsigned Value="08" />
    </Data>
(313) .mac_max_CSMA_backoffs
PASSED
    <Data>
        <Unsigned Value="32" />
    </Data>
(314) .mac_min_BE
PASSED
```



```
<Data>
  <Unsigned Value="03" />
</Data>
```

Mngmt Set G3-PLC MAC 6LoWPAN adaptation layer setup 0-0:29.2.0.255 (@2237)

(315) .adp_max_hops

PASSED

```
<Data>
  <Unsigned Value="0E" />
</Data>
```

(316) .adp_weak_LQI_value

PASSED

```
<Data>
  <Unsigned Value="34" />
</Data>
```

(317) .adp_security_level

PASSED

```
<Data>
  <Unsigned Value="05" />
</Data>
```

(318) .adp_routing_configuration

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="000E" >
      <Unsigned Value="14" />
      <LongUnsigned Value="01E0" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="0A" />
      <Unsigned Value="04" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="1E" />
      <LongUnsigned Value="0006" />
      <Boolean Value="01" />
      <Boolean Value="00" />
      <Unsigned Value="00" />
    </Structure>
  </Array>
</Data>
```

(319) .adp_broadcast_log_table_entry_TTL

PASSED

```
<Data>
  <LongUnsigned Value="0002" />
</Data>
```

(320) .adp_max_join_wait_time

PASSED

```
<Data>
  <LongUnsigned Value="0014" />
</Data>
```

(321) .adp_path_discovery_time

PASSED

```
    <Data>
      <Unsigned Value="28" />
    </Data>
(322) .adp_metric_type
PASSED
    <Data>
      <Unsigned Value="0F" />
    </Data>
(323) .adp_coord_short_address
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(324) .adp_disable_default_routing
PASSED
    <Data>
      <Boolean Value="00" />
    </Data>
(325) .adp_device_type
PASSED
    <Data>
      <Enum Value="00" />
    </Data>
```

```
*****
Test Case 7 : Set Pre attributes, 71 item(s)
*****
```

```
Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time
PASSED
    <Data>
      <OctetString Value="07E8081A010B0233FF800080" />
    </Data>
(2) .time_zone
PASSED
    <Data>
      <Long Value="FFC4" />
    </Data>
(3) .daylights_savings_begin
PASSED
    <Data>
      <OctetString Value="FFFF03FE07020000008000FF" />
    </Data>
(4) .daylights_savings_end
PASSED
    <Data>
      <OctetString Value="FFFF0AFE07030000008000FF" />
    </Data>
(5) .daylights_savings_deviation
PASSED
    <Data>
      <Integer Value="3C" />
    </Data>
```

(6) .daylights_savings_enabled
PASSED

```
<Data>  
  <Boolean Value="01" />  
</Data>
```

Pre Set Clock Time Shift Limit 1-0:0.9.11.255 (@94)

(7) .value
PASSED

```
<Data>  
  <Unsigned Value="3C" />  
</Data>
```

Pre Set NTP setup 0-0:25.10.0.255 (@100)

(8) .activated
INAPPLICABLE

Optional object is not implemented

Pre Set Activity Calendar 0-0:13.0.0.255 (@112)

(9) .calendar_name_passive
PASSED

```
<Data>  
  <OctetString Value="\CNP_CFE7" />  
</Data>
```

(10) .season_profile_passive
PASSED

```
<Data>  
  <Array Qty="0000" >  
  </Array>  
</Data>
```

(11) .week_profile_table_passive
PASSED

```
<Data>  
  <Array Qty="0000" >  
  </Array>  
</Data>
```

(12) .day_profile_table_passive
PASSED

```
<Data>  
  <Array Qty="0000" >  
  </Array>  
</Data>
```

(13) .activate_passive_calendar_time
PASSED

```
<Data>  
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />  
</Data>
```

Pre Set Special Days Table 0-0:11.0.0.255 (@125)

(14) .entries
PASSED

```
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0003" >
```

```
        <LongUnsigned Value="0001" />
        <OctetString Value="07E1031BFF" />
        <Unsigned Value="01" />
    </Structure>
</Array>
</Data>
```

Pre Set Register activation - Energy 0-0:14.0.1.255 (@129)
(15) .register_assignment
INAPPLICABLE
Optional access right not available
(16) .mask_list
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="5241544531000000" />
      <Array Qty="0005" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="21" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544532000000" />
      <Array Qty="0005" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="22" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544533000000" />
      <Array Qty="0005" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="23" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544534000000" />
      <Array Qty="0005" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="24" />
      </Array>
  </Array>
```

```
    </Structure>
  </Array>
</Data>
```

Pre Set Register activation - Maximum Demand 0-0:14.0.2.255 (@135)

(17) .register_assignment

INAPPLICABLE

Optional access right not available

(18) .mask_list

PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="5241544531000000" />
      <Array Qty="0004" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544532000000" />
      <Array Qty="0004" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544533000000" />
      <Array Qty="0004" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="5241544534000000" />
      <Array Qty="0004" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
      </Array>
    </Structure>
  </Array>
</Data>
```

Pre Set Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)

(19) .value

PASSED

```
<Data>
  <OctetString Value="00" />
</Data>
```

Pre Set Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)
(20) .value

PASSED

```
<Data>
  <OctetString Value="\12345678" />
</Data>
```

Pre Set IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255 (@376)
(21) .comm_speed

INAPPLICABLE

Object is not required according to OM and/or extensions

(22) .window_size_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions

(23) .window_size_receive

INAPPLICABLE

Object is not required according to OM and/or extensions

(24) .max_info_field_lenght_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions

(25) .max_info_field_lenght_receive

INAPPLICABLE

Object is not required according to OM and/or extensions

(26) .inter_octet_time_out

INAPPLICABLE

Object is not required according to OM and/or extensions

(27) .inactivity_time_out

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set Time threshold for long power failure 0-0:96.7.20.255 (@1181)

(28) .value

PASSED

```
<Data>
  <LongUnsigned Value="00B4" />
</Data>
```

Pre Set Threshold for voltage sag 1-0:12.31.0.255 (@1193)

(29) .value

PASSED

```
<Data>
  <LongUnsigned Value="00CF" />
</Data>
```

Pre Set Time threshold for voltage sag 1-0:12.43.0.255 (@1199)

(30) .value

PASSED

```
<Data>
  <LongUnsigned Value="001E" />
</Data>
```

Pre Set Threshold for voltage swell 1-0:12.35.0.255 (@1253)
(31) .value
PASSED

```
<Data>  
  <LongUnsigned Value="00FD" />  
</Data>
```

Pre Set Time threshold for voltage swell 1-0:12.44.0.255 (@1259)
(32) .value
PASSED

```
<Data>  
  <LongUnsigned Value="001E" />  
</Data>
```

Pre Set Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)
(33) .value
PASSED

```
<Data>  
  <LongUnsigned Value="0067" />  
</Data>
```

Pre Set Time threshold for voltage cut 1-0:12.45.0.255 (@1319)
(34) .value
PASSED

```
<Data>  
  <LongUnsigned Value="001E" />  
</Data>
```

Pre Set Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)
(35) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000258" />  
</Data>
```

Pre Set M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(36) .capture_period

INAPPLICABLE
Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 2 0-2:24.1.0.255 (@1596)
(37) .capture_period

INAPPLICABLE
Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(38) .capture_period

INAPPLICABLE
Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(39) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(40) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(41) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(42) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(43) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)
(44) .default_mode

INAPPLICABLE

Optional object is not implemented

(45) .default_baud

INAPPLICABLE

Optional object is not implemented

(46) .prop_baud

INAPPLICABLE

Optional object is not implemented

(47) .response_time

INAPPLICABLE

Optional object is not implemented

(48) .device_addr

INAPPLICABLE

Optional object is not implemented

(49) .pass_p1

INAPPLICABLE

Optional object is not implemented

(50) .pass_p2

INAPPLICABLE

Optional object is not implemented

(51) .pass_p3

INAPPLICABLE

Optional object is not implemented

Pre Set IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)
(52) .comm_speed

PASSED

<Data>

<Enum Value="05" />

</Data>

(53) .window_size_transmit
PASSED

```
<Data>  
  <Unsigned Value="01" />  
</Data>
```

(54) .window_size_receive
PASSED

```
<Data>  
  <Unsigned Value="01" />  
</Data>
```

(55) .max_info_field_lenght_transmit
PASSED

```
<Data>  
  <LongUnsigned Value="0080" />  
</Data>
```

(56) .max_info_field_lenght_receive
PASSED

```
<Data>  
  <LongUnsigned Value="00F8" />  
</Data>
```

(57) .inter_octet_time_out
PASSED

```
<Data>  
  <LongUnsigned Value="0096" />  
</Data>
```

(58) .inactivity_time_out
PASSED

```
<Data>  
  <LongUnsigned Value="0078" />  
</Data>
```

Pre Set G3-PLC MAC setup 0-0:29.1.0.255 (@2212)

(59) .mac_TMR_TTL
PASSED

```
<Data>  
  <Unsigned Value="02" />  
</Data>
```

(60) .mac_max_frame_retries
PASSED

```
<Data>  
  <Unsigned Value="05" />  
</Data>
```

(61) .mac_neighbour_table_entry_TTL
PASSED

```
<Data>  
  <Unsigned Value="FF" />  
</Data>
```

(62) .mac_high_priority_window_size
PASSED

```
<Data>  
  <Unsigned Value="07" />  
</Data>
```

(63) .mac_CSMA_fairness_limit
PASSED

```
    <Data>
      <Unsigned Value="19" />
    </Data>
(64) .mac_beacon_randomization_window_length
PASSED
    <Data>
      <Unsigned Value="0C" />
    </Data>
(65) .mac_A
PASSED
    <Data>
      <Unsigned Value="08" />
    </Data>
(66) .mac_K
PASSED
    <Data>
      <Unsigned Value="05" />
    </Data>
(67) .mac_min_CW_attempts
PASSED
    <Data>
      <Unsigned Value="0A" />
    </Data>
(68) .mac_max_BE
PASSED
    <Data>
      <Unsigned Value="08" />
    </Data>
(69) .mac_max_CSMA_backoffs
PASSED
    <Data>
      <Unsigned Value="32" />
    </Data>
(70) .mac_min_BE
PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>
(71) Pre Set passive calendar name and check
PASSED
    calendar_name_passive set to "CNP_6E0F"
```

```
*****
Test Case 8 : Selective access of profiles, 18 item(s)
*****
```

```
Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(1) .buffer
PASSED
    Earliest date: 21-AUG-2024 11:00:00, latest date: 21-AUG-2024 11:00:05
    Middle date: 21-AUG-2024 11:00:02
```

```
Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(2) .buffer
```

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)

(3) .buffer

PASSED

Earliest date: 21-AUG-2024 11:00:00, latest date: 26-AUG-2024 11:14:25

Middle date: 26-AUG-2024 10:51:30

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)

(4) .buffer

PASSED

Earliest date: 21-AUG-2024 11:00:00, latest date: 26-AUG-2024 10:51:30

Middle date: 21-AUG-2024 11:00:43

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)

(5) .buffer

PASSED

Earliest date: 21-AUG-2024 11:00:00, latest date: 26-AUG-2024 10:58:14

Middle date: 21-AUG-2024 11:01:01

Mngmt Get Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255 (@1146)

(6) .buffer

PASSED

Earliest date: 21-AUG-2024 11:15:00, latest date: 26-AUG-2024 11:00:00

Middle date: 24-AUG-2024 00:15:00

Mngmt Get Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255 (@1161)

(7) .buffer

PASSED

Earliest date: 22-AUG-2024 00:00:00, latest date: 26-AUG-2024 00:00:00

Middle date: 24-AUG-2024 00:00:00

Mngmt Get Power Failure Event Log 1-0:99.97.0.255 (@1325)

(8) .buffer

PASSED

Earliest date: 21-AUG-2024 11:00:53, latest date: 26-AUG-2024 10:55:13

Middle date: 21-AUG-2024 11:00:56

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)

(9) .buffer

PASSED

Earliest date: 21-AUG-2024 11:00:00, latest date: 21-AUG-2024 11:00:51

Middle date: 21-AUG-2024 11:00:49

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)

(10) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)

(11) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(12) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(13) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(14) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(15) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(16) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(17) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)
(18) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Test Case 9 : Multiple references, 4 item(s)

(1) Public, logical names

PASSED

Reading 5 attributes

<Result Qty="0005" >

<Data>

<OctetString Value="0000290000FF" />

</Data>

<Data>

<OctetString Value="0000280000FF" />

</Data>

<Data>

<OctetString Value="00002B0101FF" />

</Data>

```
<Data>
  <OctetString Value="00002B0100FF" />
</Data>
<Data>
  <OctetString Value="00002A0000FF" />
</Data>
</Result>
```

(2) Mngmt, logical names

PASSED

Reading 16 attributes

```
<Result Qty="0010" >
  <Data>
    <OctetString Value="0000020100FF" />
  </Data>
  <Data>
    <OctetString Value="00030F0004FF" />
  </Data>
  <Data>
    <OctetString Value="00020F0004FF" />
  </Data>
  <Data>
    <OctetString Value="00010F0004FF" />
  </Data>
  <Data>
    <OctetString Value="00000A0006CFF" />
  </Data>
  <Data>
    <OctetString Value="0007190900FF" />
  </Data>
  <Data>
    <OctetString Value="0000190900FF" />
  </Data>
  <Data>
    <OctetString Value="0004190900FF" />
  </Data>
  <Data>
    <OctetString Value="0003190900FF" />
  </Data>
  <Data>
    <OctetString Value="0002190900FF" />
  </Data>
  <Data>
    <OctetString Value="0001190900FF" />
  </Data>
  <Data>
    <OctetString Value="0000190000FF" />
  </Data>
  <Data>
    <OctetString Value="0000160000FF" />
  </Data>
  <Data>
    <OctetString Value="0100040700FF" />
  </Data>
</Data>
```

```
        <OctetString Value="0100030700FF" />
    </Data>
    <Data>
        <OctetString Value="0100020700FF" />
    </Data>
</Result>
```

(3) Mngmt, mixed attributes

PASSED

Reading 9 attributes

```
<Result Qty="0009" >
    <Data>
        <OctetString Value="0000290000FF" />
    </Data>
    <Data>
        <Enum Value="00" />
    </Data>
    <Data>
        <Long Value="FFC4" />
    </Data>
    <Data>
        <OctetString Value="5241544531000000" />
    </Data>
    <Data>
        <Enum Value="01" />
    </Data>
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
    <Data>
        <DoubleLongUnsigned Value="00000007" />
    </Data>
    <Data>
        <DoubleLongUnsigned Value="00000091" />
    </Data>
    <Data>
        <LongUnsigned Value="0001" />
    </Data>
</Result>
```

(4) Mngmt, long attributes (block transfer)

PASSED

Reading 3 attributes

```
<_Data Qty="0003" >
    <Data>
        <OctetString
```

```
Value="\ICKTHKXWFZSMVUEUDXAXDHHSXWQAXSREEWPCYUJIPCVVGTVSCGBQRWDAMXQZLGHDDJDBZNOAZ
OWOPVRWOLPYKCNWXBZABULLNZOCDPWXHHOZRXLWXRZDZLXYDCRACDJTTJJOEFHKJCJHJVHDJUQCQIYBG
MHPDJZCHEFWQVODXPRTJWRXWEGSQPZARZNVBQJLVKKZXJRCJOSRSGPEKWYURNRGRVYNSVLDDHQHGYRS
AUOWEIBHVINYSMIIIOVPXDQEMFTZGYMQDGURTYMBRUDGFZUJAMBMSSEJBEVHCSLNLGLBLDHRWWLCFTBOE
RUPOAZLYKVLQPCABRXTHTZLAQRGXMTFPXJRUVGVZEGLTWAHJJDQFEJCSJPPXTSUUAKYIOLLWQYYNLTR
```

```
YWNMYFABRVPZICONUGUPSDVEOQVHSRCUHPYDHYZUAFQRPSSXSKRBLYOFUHKUPMOXRZKUEZLLDYLJGRHO
JRWOBIYNZNWXFJADSLXAITKFCUHS" />
  </Data>
  <Data>
    <OctetString
Value="\ICKTHKXWFZSMVUEUDXAXDHHSXWQAXSREEWPCYUJIPCVMGTVSCGBQRWDAMXQZLGHDJDBZNOAZ
OWOPVRWOLPYKCWNXBZABULLNZOCDPWXHHOZRXLWJWRZDZLXYDCRACDJTTJJOEFHKJCJHJVHDJUQCQIYBG
MHPDJZCHEFWQVODXPRTJWRXWEGSQPZARZNVBQJLVKKZXJRCJOSRSGPEKWYURNRGRVYNSVLDDHQOHGYRS
AUOWEIIIBHVINYSMIIOVFXDQEMFTZGYMQDGURTYMBRUDGFZUJAMBMSSEJBEVHCSLNLGLBLDHRWWLCFTBOE
RUPOAZLYKVLKPCABRXTHTZLAQRGXMTFPXJRUVGVZEGLTWAHJDQFEJCSJPPXTSUUAKYIOLLWQYYNLTR
YWNMYFABRVPZICONUGUPSDVEOQVHSRCUHPYDHYZUAFQRPSSXSKRBLYOFUHKUPMOXRZKUEZLLDYLJGRHO
JRWOBIYNZNWXFJADSLXAITKFCUHS" />
    </Data>
  <Data>
    <OctetString
Value="\ICKTHKXWFZSMVUEUDXAXDHHSXWQAXSREEWPCYUJIPCVMGTVSCGBQRWDAMXQZLGHDJDBZNOAZ
OWOPVRWOLPYKCWNXBZABULLNZOCDPWXHHOZRXLWJWRZDZLXYDCRACDJTTJJOEFHKJCJHJVHDJUQCQIYBG
MHPDJZCHEFWQVODXPRTJWRXWEGSQPZARZNVBQJLVKKZXJRCJOSRSGPEKWYURNRGRVYNSVLDDHQOHGYRS
AUOWEIIIBHVINYSMIIOVFXDQEMFTZGYMQDGURTYMBRUDGFZUJAMBMSSEJBEVHCSLNLGLBLDHRWWLCFTBOE
RUPOAZLYKVLKPCABRXTHTZLAQRGXMTFPXJRUVGVZEGLTWAHJDQFEJCSJPPXTSUUAKYIOLLWQYYNLTR
YWNMYFABRVPZICONUGUPSDVEOQVHSRCUHPYDHYZUAFQRPSSXSKRBLYOFUHKUPMOXRZKUEZLLDYLJGRHO
JRWOBIYNZNWXFJADSLXAITKFCUHS" />
    </Data>
  </_Data>
```

Test Case 10 : Disconnect controls, 3 item(s)

- (1) Disconnect control
INAPPLICABLE
Object is not required according to OM and/or extensions
- (2) Load Mgmt - Relay control 1
INAPPLICABLE
Object is not required according to OM and/or extensions
- (3) Load Mgmt - Relay control 2
INAPPLICABLE
Optional object is not implemented

Test Case 11 : Script tables, 2 item(s)

- (1) Tariffication script table
PASSED
Tariffication script table (parameters 1):
"5241544531000000,5241544532000000,5241544533000000,5241544534000000"
Register activation - Energy (mask names):
"5241544531000000,5241544532000000,5241544533000000,5241544534000000"
Tariffication script table (parameters 2):
"5241544531000000,5241544532000000,5241544533000000,5241544534000000"
Register activation - Maximum Demand (mask names):
"5241544531000000,5241544532000000,5241544533000000,5241544534000000"
calendar_name_passive name: TOU_4E94
activate_passive_calendar_time: 26-AUG-2024 11:05:25
activate_passive_calendar_time: 26-AUG-2024 12:00:39

(2) MDI Reset / End of billing period script table
PASSED

Test Case 12 : Miscellaneous tests, 2 item(s)

(1) Set/Get of long attribute
PASSED
(5) COSEM logical device name
PASSED
Value: "LGZ1020061159892"

Test Case 13 : Application association, 18 item(s)

(1) Wrong logical device Id
PASSED
(2) Wrong client Id
PASSED
(3) Opening an already opened application association
PASSED
(4) Error on the Protocol version
PASSED
(5) Application context missing
PASSED
(6) Wrong application context
PASSED
(7) Missing calling AP title in a ciphering AARQ
PASSED
(8) Wrong system title in the Calling AP title
PASSED
(9) ACSE requirement missing
PASSED
(10) Wrong ACSE requirement
PASSED
(11) Authentication mechanism missing
PASSED
(12) Wrong authentication mechanism
PASSED
(13) Authentication value missing
PASSED
(14) Wrong authentication value
PASSED
(15) User information missing
PASSED
(16) Wrong dedicated key
PASSED
(17) Incorrect proposed conformance bloc
PASSED
(18) Incorrect negotiated conformance bloc
PASSED

Test Case 14 : xDLMS Services, 20 item(s)

- (1) Get without AA opening
PASSED
- (2) Set without AA opening
PASSED
- (3) Action without AA opening
PASSED
- (4) Get with wrong inner tag
PASSED
- (5) Set with wrong inner tag
PASSED
- (6) Action with wrong inner tag
PASSED
- (7) Error during block transfer with get
PASSED
- (8) Error during block transfer with set
PASSED
- (9) Get with wrong attribute id
PASSED
- (10) Set with wrong attribute id
PASSED
- (11) Action with wrong attribute id
PASSED
- (12) Get with wrong access right
PASSED
- (13) Set with wrong access right
PASSED
- (14) Action with wrong access right
PASSED
- (15) Get with wrong access selector
PASSED
- (16) Get with wrong access parameters
PASSED
- (17) Set with wrong data type
PASSED
- (18) Action with wrong data type
PASSED
- (19) Set with wrong data content
PASSED
- (20) Action with wrong data content
PASSED

Test Case 15 : Security Activate, 3 item(s)

- (1) Activate 1
PASSED
 - Pre set calendar_name_passive to CNP_DB75 using +A, -E
 - Pre set calendar_name_passive to CNP_8591 using +A, -E tweaked A
 - Mngmt get calendar_name_passive using +A, -E, expect "CNP_DB75"
 - Mngmt set calendar_name_passive to CNP_8591 using +A, -E tweaked A
 - Mngmt get calendar_name_passive using +A, -E, expect "CNP_DB75"
 - Mngmt set security_policy attribute to 0
- (2) Activate 2

PASSED

Pre set calendar_name_passive to CNP_FE6C using -A, +E
Pre set calendar_name_passive to CNP_7593 using -A, +E tweaked E
Mngmt get calendar_name_passive using -A, +E, expect "CNP_FE6C"
Mngmt set calendar_name_passive to CNP_7593 using -A, +E tweaked E
Mngmt get calendar_name_passive using -A, +E, expect "CNP_FE6C"
Mngmt set security_policy attribute to 0

(3) Activate 3

PASSED

Pre set calendar_name_passive to CNP_BA44 using +A, +E
Pre set calendar_name_passive to CNP_BF5F using +A, +E tweaked A
Mngmt get calendar_name_passive using +A, +E, expect "CNP_BA44"
Mngmt set calendar_name_passive to CNP_BF5F using +A, +E tweaked A
Mngmt get calendar_name_passive using +A, +E, expect "CNP_BA44"
Pre set calendar_name_passive to CNP_B161 using +A, +E tweaked E
Mngmt get calendar_name_passive using +A, +E, expect "CNP_BA44"
Mngmt set calendar_name_passive to CNP_B161 using +A, +E tweaked E
Mngmt get calendar_name_passive using +A, +E, expect "CNP_BA44"
Mngmt set security_policy attribute to 0

Test Case 16 : Frame counter, 5 item(s)

(1) Unicast replay

PASSED

(2) Broadcast replay

PASSED

(3) Unicast Register

PASSED

(4) Broadcast Register

PASSED

(5) Received value

PASSED

Test Case 17 : Security global key transfer, 4 item(s)

(1) Global unicast encryption key transfer

PASSED

(2) Global broadcast encryption key transfer

PASSED

(3) Global authentication key transfer

PASSED

(4) All key transfer

PASSED

Test Case 18 : Secured service user information, 9 item(s)

(1) AARQ not encrypted

PASSED

(2) AARQ not authenticated

PASSED

(3) AARQ not encrypted not authenticated

PASSED
(4) AARQ with A security header
PASSED
(5) AARQ with E security header
PASSED
(6) AARQ with empty security header
PASSED
(7) AARQ with invalid frame counter
PASSED
(8) AARQ with invalid authentication
PASSED
(9) AARQ with invalid encryption
PASSED

Test Case 19 : Application association release service, 6 item(s)

(1) RLRQ invalid release request
PASSED
(2) RLRQ with missing user information
PASSED
(3) RLRQ non secure user information
PASSED
(4) RLRQ invalid security header
PASSED
(5) RLRQ invalid authentication
PASSED
(6) RLRQ invalid encryption
PASSED

Test Case 20 : Image transfer, 3 item(s)

(1) Basic
PASSED
Block size: 1159
(2) Full
PASSED
Block size: 1159
ImageSize: 949204, Blocks: 819, Last block size: 1142
image_to_activate_info:
 <Data>
 <Array Qty="0001" >
 <Structure Qty="0003" >
 <DoubleLongUnsigned Value="000E7BA0" />
 <OctetString Value="\V75.02.26.05.26" />
 <OctetString
Value="3003EE86960355373B511FCD557BA6BC3E7F18475BC5CD1ADB6C7E177C569A27" />
 </Structure>
 </Array>
 </Data>
(3) Full delayed
PASSED
Block size: 1159

ImageSize: 949204, Blocks: 819, Last block size: 1142
image_to_activate_info:

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <DoubleLongUnsigned Value="000E7BA0" />
      <OctetString Value="\V75.02.26.05.26" />
      <OctetString
Value="3003EE86960355373B511FCD557BA6BC3E7F18475BC5CD1ADB6C7E177C569A27" />
    </Structure>
  </Array>
</Data>
```

Test Case 21 : Push, 6 item(s)

- (1) Push data immediately
PASSED
- (2) Push data on interval
PASSED
- (3) Scheduled push of profile data
PASSED
- (4) Push with data block
PASSED
- (5) Security activate for push
PASSED
- (6) Frame counter for push
PASSED

Test Case 22 : Profiles, 7 item(s)

- (1) Data of billing period 1
PASSED
Selective access by entry not supported
- (2) Load profile with period 1
PASSED
- (3) Load Profile with period 2
PASSED
- (4) Load profile with period 1 time shift forward
PASSED
- (5) Load profile with period 2 time shift forward
PASSED
- (6) Load profile with period 1 time shift backward
PASSED
- (7) Load profile with period 2 time shift backward
PASSED

* CTI *

//*****

//* CTI LGZ ZA E460 MCA110CRG3D1.200S S3 *

```

//*          *
//* CNF #6    *
//* 2024-08-27 *
//*          *
//*****

// Conformance Test Information (CTI) Template
// 1.6

// The CTI has a specified syntax but it's format is free

// Mandatory 'Manufacturer' structure
// *****
Manufacturer = {
    // Keep the leading '\' to denote a visible-string.
    Name = '\Landis + Gyr'
    // The manufacturer's FLAG id is a part of the DUT system title
    ThreeLettersId = '\LGZ'
}

// Mandatory 'DeviceUnderTest' structure
// *****
DeviceUnderTest = {
    Type = '\Landis+Gyr ZA E460 MCA110CRG3D1.200S S3' //Releas V75.02.26.05.26

    // IDISDeviceType is 100 or 101, it is part of the DUT system title
    //IDISDeviceType = 100 //mono
    IDISDeviceType = 102 //tri New type is required or the G3 meter has to
    configured as 103.
    // From system perspective it make more sense to have
    different type. Check specs.

    // IDISFunctionType indicates the extension(s) supported by the DUT,
    // it is also a part of the DUT system title.
    // It is a set (possibly empty) of elements
    // Extension_D, Extension_L and Extension_M
    IDISFunctionType = [ ]//, Extension_L, Extension_M] //[Extension_L] //

    // The serial number of the DUT is part of its system title.
    SerialNr = 61159892 //01179648 14396101

    // (Optional) IPVersion indicates what IP related objects of the OM are
    tested: objects marked as M-I4 are
    // tested when IPVersion = IPv4, the same holds for M-I6 and IPVersion = IPv6
    IPVersion = IPv6 // one of IPv4, IPv6

    // (Optional) DataLinkLayer indicates what DL related objects of the OM are
    tested: objects marked as M-G are
    // tested when DataLinkLayer = GPRS, the same holds for M-E and ETHERNET
    DataLinkLayer = G3 // one of GPRS, ETHERNET, G3

    // (Optional) ConsumerInformationPush indicates that the related feature is
    implemented. Objects maked as M-C are
    // tested then the value is TRUE

```

```

ConsumerInformationPush = FALSE // true or false

EUI64Address = "98B177FFFF2D611D"
//EUI64Address = "AB573A55834F"
}

// Optional 'TestOptions'
TestOptions = {
    DUTTelNr = '+41419536544'
    DUTIPAddress = '10.0.0.0'
}

// Mandatory 'ObjectMode' structure
// *****
// It defines the variant of the object model that the iCTT uses for testing.
ObjectModel = {
    // Optional objects implemented
    OptionalObjects = '\
+ '1-0:0.9.1.255|1,' // Local Time (@86)
+ '1-0:0.9.2.255|1,' // Local Date (@90)
+ '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@406)
+ '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@412)
+ '1-1:0.2.0.255|1,' //Active firmware identifier 1 (@420)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@515)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@521)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@527)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@533)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@539)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@545)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@551)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@557)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@563)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@569)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@575)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@581)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@587)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@593)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@599)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@605)
+ '1-0:9.4.0.255|5,' // Demand Register 5 - Apparent energy import (+VA)
(@736)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1359)
+ '1-0:10.4.0.255|5,' // Demand Register 6 - Apparent energy export (-VA)
(@749)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1395)
+ '1-0:16.24.0.255|5,' // Average Net Power (|+A|-|-A|) (@1420)
+ '1-0:13.7.0.255|3,' // Instantaneous Power factor (+A/+VA) (@1446)
+ '1-0:13.5.0.255|4,' // Last Average Power factor (+A/+VA) (@1452)
+ '1-0:13.3.0.255|4,' // Minimum Power factor (+A/+VA) (@1460)
+ '1-0:0.8.2.255|3,' // Measurement Period 3 for Instantaneous values
(@1468)

InstanceExtraInfo = {

```

```
// Tariffication script table (@129)
LogicalName = '0-0:40.0.0.255'
ClassId = 15
version = 2
}
```

```
InstanceExtraInfo = {
// Tariffication script table (@129)
LogicalName = '0-0:10.0.100.255'
ClassId = 9
MethodExtraInfo = {
// execute
MethodId = 1
AccessRights = [ACTION]
}
}
```

```
InstanceExtraInfo = {
// Disconnecter Control Log (@181)
LogicalName = '0-0:99.98.2.255'
ClassId = 7
AttributeExtraInfo = {
// capture_objects
AttributeId = 3
AccessRights = [GET,SET]
}
}
```

```
InstanceExtraInfo = {
// Load Mgmt - Relay control 1 (@197)
LogicalName = '0-1:96.3.10.255'
ClassId = 70
AttributeExtraInfo = {
// control_mode
AttributeId = 4
AccessRights = [GET,SET]
}
}
```

```
InstanceExtraInfo = {
// Limiter (@213)
LogicalName = '0-0:17.0.0.255'
ClassId = 71
AttributeExtraInfo = {
// actions
AttributeId = 11
AccessRights = [GET,SET]
}
}
```

```
InstanceExtraInfo = {
// Standard Event Log (@261)
LogicalName = '0-0:99.98.0.255'
ClassId = 7
}
```

```

    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Fraud Detection Log (@276)
    LogicalName = '0-0:99.98.1.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Power Failure Event Log (@1234)
    LogicalName = '1-0:99.97.0.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Power Quality Log (@1249)
    LogicalName = '0-0:99.98.4.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Communication Log (@331)
    LogicalName = '0-0:99.98.5.255'
    ClassId = 7
    AttributeExtraInfo = {
        // capture_objects
        AttributeId = 3
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Set value for Consumer Message Text
    LogicalName = '0-0:96.13.0.255'
}

```



```

ClassId = 1
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
  }
}

InstanceExtraInfo = {
  // Set value for Error register value
  LogicalName = '0-0:97.97.0.255'
  ClassId = 1
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
  }
}

InstanceExtraInfo = {
  // Set value for Autoconnect (@2175)
  LogicalName = '0-0:2.1.0.255'
  ClassId = 29
  AttributeExtraInfo = {
    // destination_list
    AttributeId = 6
    AccessRights = [GET,SET]
  }
}

(*
InstanceExtraInfo = {
  // Set clock to 20/08/2024 08:00:00
  LogicalName = '0-0:1.0.0.255'
  ClassId = 8
  // Time_data
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString Value="07E80814FF08001EFF8000FF"
/></Data>'
  }
}
*)

InstanceExtraInfo = {
  // Push action scheduler - Interval_1
  LogicalName = '0-1:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {

```

```

// Push action scheduler - Interval_2
LogicalName = '0-2:15.0.4.255'
ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Push action scheduler - Interval_3
  LogicalName = '0-3:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Push action scheduler - Interval_3
  LogicalName = '0-4:15.0.4.255'
  ClassId = 22
  AttributeExtraInfo = {
    // capture_objects
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Image transfer
  LogicalName = '0-0:44.0.0.255'
  ClassId = 18
  AttributeExtraInfo = {
    // image_block_size
    AttributeId = 2
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
security group has changed.
// Image transfer
LogicalName = '0-0:10.0.108.255'
ClassId = 9
  AttributeExtraInfo = {
    //scripts
    AttributeId = 2
    AccessRights = [GET]
  }
}
//ScriptTable_Push attribute 2

```

```

InstanceExtraInfo = {
  // Set value for execution_time for Image transfer activation scheduler
  LogicalName = '0-0:15.0.2.255'
  ClassId = 22
  AttributeExtraInfo = {
    // value
    AttributeId = 4
    SetData = '\<Data>'
    +' <Array Qty="01" >'
    +' <Structure Qty="02" >'
    +' <OctetString Value="FFFFFFF" />'
    +' <OctetString Value="FFFFFFFF" />'
    +' </Structure>'
    +' </Array>'
    +' </Data>'
  }
}

```

```

InstanceExtraInfo = {
  // G3-PLC MAC Setup (@2217)
  LogicalName = '0-0:29.1.0.255'
  ClassId = 91
  AttributeExtraInfo = {
    // mac_key_table
    AttributeId = 5
    SetData = '\<Data>'
    +' <Array Qty="01" >'
    +' <Structure Qty="02" >'
    +' <Unsigned Value="00" />'
    +' <OctetString Value="112233445566778899AABBCCDDEEFF" />'
    +' </Structure>'
    +' </Array>'
    +' </Data>'
  }
}

```

```

InstanceExtraInfo = {
  // Set value for special days
  LogicalName = '0-0:11.0.0.255'
  ClassId = 11
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data>'
    +' <Array Qty="01" >'
    +' <Structure Qty="03" >'
    +' <LongUnsigned Value="0001" />'
    +' <OctetString Value="07E1031BFF" />'
    +' <Unsigned Value="01" />'
    +' </Structure>'
    +' </Array>'
    +' </Data>'
  }
}

```

```

}

// Mandatory 'TestParameters' structure
// *****
// Defines miscellaneous values used during the test
TestParameters = {
    // 'DisableDiscoveryStart' when true, prevents the iCTT from starting
    // a discovery procedure on the Data Concentrator.
    //DisableDiscoveryStart = FALSE
    // When starting a test session, iCTT optionally starts a discovery and then
polls
    // the meters network until it finds the meter specified by 'MeterId'.
    // This polling will last at least the specified time (in ms).
    // MeterDiscoveryTimeout = 240000 Package 1

    // The 'DefaultAccessTimeout' is the time (in ms) allowed to complete an
    // access (read, write or action)
    // DefaultAccessTimeout = 360000 Package 1

    // The accesses have a priority between 1 (highest priority) and 10 (lowest
priority)
    // DefaultPriority = 1 Package 1

    // Optional delay (in ms) after executing the Disconnect Control (class 70)
    // connect and disconnect actions performed directly or via a script table.
    ConnectDisconnectDelay = 15000

    // Mandatory Client system title
    // ClientSystemTitle = '58585A0102030405'
    //ClientSystemTitle = '4C475A6603940560'
    // ClientSystemTitle = '4C475A4D41500000'
// ClientSystemTitle = '4C475A66039405A0'
    ClientSystemTitle = '4C475A6603A539D4'/'4C475A660394059E'

    // Mandatory structure for the ImageTransfer
    ImageTransfer = {
        // Image identifier as passed to the image_transfer_initiate method
        // MFW...
        ImageIdentifier = '4D46575F6C6567616C00'
        // Filename of the image to transfer. If no filepath is given, then the file
        // is supposed to be in the same directory as the CTI file
        ImageFileName = '\\V75.02.26.05.26_FixFlex_v1.img' //the image file to be
located in the CTI is!

        // Time (in ms) that the iCTT loops reading the image_transfer status
waiting for changes
        Timeout = 300000//in miliseconds
    }

    // Push timeout is the time (in ms) awaited by the iCTT for the DUT to send a
DataNotification
    PushTimeout = 60000

```

```

// (Optional) Minimal Inter WPDU frames delay, is the minimal delay (in ms)
between two WPDU frames sent by the wrapper layer.
// is null if not specified
MinInterWPDUFramesDelay = 1000

// (Optional) Profile periods qty is the number of entries created in the
profiles by new profiles tests
// Must be larger than 5, defaults to 6 when not specified
ProfilePeriodsQty = 10

// (Optional) Capture delay in (ms) is a delay splitted in two inequal parts,
before and after a capture.
// If we expect the DUT to make a capture at time T, then we set the clock to
(T - CaptureDelay + 5sec)
// and wait for CaptureDelay seconds for the capture to occur.
// Default to 10000 (10sec)
CaptureDelay = 15000

// (Optional) Duration (in ms) of the clip call from return of ATDT to ATH
(defaults to 12000)
//ClipCallDuration = 20000

// (Optional) Some AutoConnect attributes
AutoConnect = {
    Repetitions = 2
    RepetitionDelay = 30
}

// (optional) Delay (in ms) to wait before performing a wake-up, default =
10000
//WakeUpDelay = 30000
}

// Mandatory 'PLCCConfig' structure Package 1
// *****
// The PLCCConfig is set before each test session. The various members are
// defined in the appropriate document. The values defined hereafter are
// the default values
//Discuss if such structure is needed for G3 tests
(* PLCCConfig = {
    AddrMAC = 0xC00
    TimeoutNotAddr = 360
    MaxSubFrames = 7
    TimeUpdatePeriod = 0
    BkgTaskEnabled = 1
    BkgMinDelay = 60
    DiscoverTimeSlots = 20
    ResponseProbability = 100
    MaxCredit = 2
    DiscoverPeriod = 0 // was 60, disable periodic discovery
    TransmissionGain = 0
    ReceptionGain = 8
    BaudRate = 1

```

```

InputFrequency = 0
NbComOkDecrCredit = 3
DecrCredit = 1
IncrCredit = 2
MaxRetry = 3 //1//3
RepeaterCallEnabled = 0
RepeaterCallLevel = 1000
NewBcplTSlotCount = 10
AlarmMngtEnabled = 0 // was 1, Disable alarms
AlarmMngtDelay = 0
AutoDiscoveryPriority = 2
FCTxValue = 100
}
*)

// Mandatory 'SecurityElements'
// *****
// There is one structure per client, each specifies an 'EncryptionKey'
// and a 'Policy'. An encryption key is a visible-string of 32 characters,
// with each pair encoding one byte of a 16 bytes binary key.
// Policy is one of NO_SECURITY, AUTHENTICATION, ENCRYPTION or
AUTHENTICATION_AND_ENCRYPTION
// StandardSecurityElements
// Mandatory, used for the standard access (DC and Java API).
// No context name is required. The DC selects the context according
// to the 'Policy' member. If zero, then the DC generates an AARQ with
LONG_NAMES context.
// If positive then the DC generates an AARQ with LONG_NAME_WITH_CIPHERING
context.

// RemoteSecurityElements
// Mandatory, used when making tunneled accesses.
RemoteSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING // LONG_NAMES_WITH_CIPHERING
//LONG_NAMES
        MechanismName = HIGH_LEVEL_SECURITY_GMAC // HIGH_LEVEL_SECURITY_GMAC
//LOW_LEVEL_SECURITY
        Policy = AUTHENTICATION_AND_ENCRYPTION // ( ENCRYPTION, NO_SECURITY,
AUTHENTICATION, AUTHENTICATION_AND_ENCRYPTION )
        Password = '\12345678'
    }
}

PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
//ENCRYPTION//NO_SECURITY//AUTHENTICATION//AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CipherringStyle = GENERAL
}

```

```

}
}

// LocalSecurityElements
// Mandatory, used when making ''local'' accesses.
LocalSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING //LONG_NAMES_WITH_CIPHERING,
LONG_NAMES
        MechanismName = HIGH_LEVEL_SECURITY_GMAC //LOWEST_LEVEL_SECURITY,
LOW_LEVEL_SECURITY, HIGH_LEVEL_SECURITY_GMAC
        Policy = AUTHENTICATION_AND_ENCRYPTION
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = NO_SECURITY // AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePduSize = 1224
        CipheringStyle = GENERAL
    }
}

// Parameters of the ''Local'' HDLC Profile
HDLCProfile = {
    PhysicalLayer = {
        OpeningMode = DIRECT_HDLC
        HdlcBaud = 9600
    }
    DataLinkLayer = {
        InactivityTimeout = 120000
        InterFrameTimeout = 5000
        ResponseTimeout = 20000
        DISCToNDMTimeout = 2000
        AddressingSchemes = [ONE_BYTE_ADDRESSING]
        LastRecToNextSendDelay = 100
    }
}
// (Optional) Delay (ms) after sending an UI frame, default 0
// UIFrameDelay = 2000
// (optional) UI frames info field length, default 128
// UIFrameLength = 126

}
G3PLCProfile = {
    ResponseTimeout = 50000
    ConnectTimeout = 10000
    UDPPort = 61616
    FrequencyBand = CENELEC_A
    PSK = "AB10341145111BC3C12DE8FF11142204" //AB10341145111BC3C12DE8FF11142204
}

```

// END CTI_Template

* Miscellaneous *

TestMode:	G3-PLC
Test Plan Signature:	A46C9F4C6C407A1AE595D8394F5BD244
Object Model: (20200831).xlsx	IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29
DUT system title:	4C475A6603A539D4
Run number:	2345