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*****
IDIS Conformance test report
30-APR-2018 14:21:38
iCTT2 Package 2, Edition 2.0, Revision 1 (132)
Licensed to: DNV-GL IDIS Conf
Tester: Bas Roelofsen
*****
    
```

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

```

Manufacturer = {
  Name = '\Jiangsu Linyang Energy Co.,Ltd'
  ThreeLettersId = '\LYE'
}
DeviceUnderTest = {
  Type = '\SM150'
  IDISDeviceType = 102
  IDISFunctionType = [EXTENSION_D]
  SerialNr = 12345678
  IPVersion = IPV6
  DataLinkLayer = G3
  ConsumerInformationPush = FALSE
  EUI64Address = '0080E1FFFE4CAC87'
}
    
```

Active firmware identifier (1-0:0.2.0.255) = \BD_H5023_V0001_20180123

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

PASSED	991
FAILED	0
DISABLED	0
INAPPLICABLE	850
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
    @9 0-0:40.0.0.255|15 Current association
    @4 0-0:41.0.0.255|17 SAP Assignment
    @42 0-0:42.0.0.255|1 COSEM logical device name
    @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
    @ 0-0:43.1.2.255|1
    
```

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*****
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

@75	0-0:1.0.0.255 8	Clock
@2163	0-0:2.1.0.255 29	Auto connect
@	0-0:10.0.0.255 9	
@147	0-0:10.0.1.255 9	Predefined Scripts - MDI reset / end of billing period
@141	0-0:10.0.100.255 9	Tariffication script table
@204	0-0:10.0.103.255 9	Load Mgmt script table
@176	0-0:10.0.106.255 9	Disconnecter script table
@407	0-0:10.0.107.255 9	Predefined Scripts - Image activation
@2139	0-0:10.0.108.255 9	Push script table
@	0-0:10.1.0.255 9	
@	0-0:10.1.100.255 9	
@	0-0:10.2.0.255 9	
@	0-0:10.3.0.255 9	
@	0-0:10.4.0.255 9	
@	0-0:10.5.0.255 9	
@	0-0:10.6.0.255 9	
@	0-0:10.9.0.255 9	
@	0-0:10.11.0.255 9	
@	0-0:10.12.0.255 9	
@	0-0:10.15.0.255 9	
@	0-0:10.16.0.255 9	
@125	0-0:11.0.0.255 11	Special Days Table
@	0-0:11.0.1.255 11	
@112	0-0:13.0.0.255 20	Activity Calendar
@129	0-0:14.0.1.255 6	Register activation - Energy
@135	0-0:14.0.2.255 6	Register activation - Maximum Demand
@152	0-0:15.0.0.255 22	End of billing period 1 scheduler
@170	0-0:15.0.1.255 22	Disconnect control scheduler
@401	0-0:15.0.2.255 22	Image transfer activation scheduler
@273	0-0:16.1.0.255 21	Alarm Monitor 1
@291	0-0:16.1.1.255 21	Alarm Monitor 2
@225	0-0:17.0.0.255 71	Limiter
@2001	0-0:20.0.0.255 19	IEC local port setup - IEC Optical port
@	0-0:21.0.1.255 7	
@	0-0:21.0.2.255 7	
@	0-0:21.0.5.255 7	
@	0-0:21.0.6.255 7	
@2012	0-0:22.0.0.255 23	IEC HDLC setup - HDLC Optical port
@2024	0-0:25.0.0.255 41	TCP-UDP setup
@2032	0-0:25.1.0.255 42	IPv4 setup
@2172	0-0:25.2.0.255 43	MAC address setup
@2047	0-0:25.7.0.255 48	IPv6 setup
@2109	0-0:25.9.0.255 40	Push setup - On Connectivity
@2199	0-0:29.0.0.255 90	G3-PLC MAC layer counters
@2212	0-0:29.1.0.255 91	G3-PLC MAC setup
@2237	0-0:29.2.0.255 92	G3-PLC MAC 6LoWPAN adaptation layer setup
@9	0-0:40.0.0.255 15	Current association
@4	0-0:41.0.0.255 17	SAP Assignment
@42	0-0:42.0.0.255 1	COSEM logical device name
@24	0-0:43.0.0.255 64	Security setup
@	0-0:43.0.2.255 64	
@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
@	0-0:43.1.2.255 1	
@388	0-0:44.0.0.255 18	Image transfer
@	0-0:94.96.11.255 1	
@	0-0:94.98.15.255 1	
@	0-0:94.98.18.255 22	
@	0-0:94.98.19.255 1	
@	0-0:94.98.20.255 1	
@	0-0:94.98.21.255 1	
@	0-0:94.98.22.255 1	
@	0-0:94.98.24.255 1	
@	0-0:94.98.25.255 9	

@	0-0:94.98.26.255 1	
@	0-0:94.98.27.255 1	
@	0-0:94.98.28.255 1	
@46	0-0:96.1.0.255 1	Device ID 1, manufacturing number
@50	0-0:96.1.1.255 1	Device ID 2
@54	0-0:96.1.2.255 1	Device ID 3
@58	0-0:96.1.3.255 1	Device ID 4
@62	0-0:96.1.4.255 1	Device ID 5
@66	0-0:96.1.5.255 1	Device ID 6, IDIS certification number
@	0-0:96.1.13.255 1	
@	0-0:96.2.0.255 1	
@181	0-0:96.3.10.255 70	Disconnect control
@	0-0:96.5.1.255 1	
@	0-0:96.5.2.255 1	
@	0-0:96.6.3.255 3	
@	0-0:96.7.0.255 1	
@	0-0:96.7.5.255 1	
@1177	0-0:96.7.9.255 1	Number of long power failures in any phase
@	0-0:96.7.15.255 3	
@1187	0-0:96.7.19.255 3	Duration of last long power failure in any phase
@1181	0-0:96.7.20.255 3	Time threshold for long power failure
@1173	0-0:96.7.21.255 1	Number of power failures in any phase
@1142	0-0:96.10.1.255 1	Profile status - Load profile with period 1
@1157	0-0:96.10.2.255 1	Profile status - Load profile with period 2
@	0-0:96.10.3.255 1	
@	0-0:96.10.4.255 1	
@	0-0:96.10.9.255 1	
@297	0-0:96.11.0.255 1	Event Object - Standard Event Log
@312	0-0:96.11.1.255 1	Event Object - Fraud Detection Log
@189	0-0:96.11.2.255 1	Event Object - Disconnect Control log
@1336	0-0:96.11.4.255 1	Event Object - Power Quality Log
@327	0-0:96.11.5.255 1	Event Object - Communication Log
@	0-0:96.11.6.255 1	
@	0-0:96.11.10.255 1	
@	0-0:96.11.11.255 1	
@	0-0:96.11.12.255 1	
@	0-0:96.12.5.255 1	
@347	0-0:96.13.0.255 1	Consumer Message Text - Consumer Information
@343	0-0:96.13.1.255 1	Consumer Message Code - Meter Display
@70	0-0:96.14.0.255 1	Currently active energy tariff
@	0-0:96.14.1.255 1	
@	0-0:96.14.9.255 1	
@	0-0:96.14.10.255 1	
@	0-0:96.50.0.255 1	
@	0-0:96.50.10.255 1	
@	0-0:96.50.11.255 1	
@	0-0:96.50.12.255 1	
@	0-0:96.50.13.255 1	
@	0-0:96.50.21.255 1	
@	0-0:96.50.23.255 3	
@	0-0:96.50.24.255 1	
@	0-0:96.50.35.255 3	
@	0-0:96.50.37.255 1	
@	0-0:96.52.28.255 1	
@	0-0:96.52.29.255 1	
@	0-0:96.52.30.255 1	
@	0-0:96.52.31.255 1	
@	0-0:96.52.32.255 3	
@	0-0:96.52.33.255 3	
@	0-0:96.52.34.255 1	
@	0-0:96.52.35.255 1	
@	0-0:96.52.36.255 1	
@	0-0:96.52.38.255 3	
@	0-0:96.52.39.255 3	
@	0-0:96.52.72.255 3	
@	0-0:96.52.81.255 1	

@	0-0:96.52.82.255 3	
@	0-0:96.52.83.255 3	
@	0-0:96.52.84.255 3	
@	0-0:96.52.87.255 1	
@	0-0:96.52.89.255 1	
@	0-0:96.52.95.255 1	
@	0-0:96.52.113.255 1	
@	0-0:96.52.114.255 1	
@	0-0:96.52.117.255 1	
@	0-0:96.52.124.255 3	
@	0-0:96.52.125.255 3	
@	0-0:96.52.126.255 3	
@	0-0:96.52.127.255 3	
@	0-0:96.52.128.255 3	
@	0-0:96.52.129.255 3	
@	0-0:96.52.133.255 1	
@	0-0:96.52.135.255 3	
@	0-0:96.52.136.255 3	
@	0-0:96.52.137.255 1	
@	0-0:96.53.4.255 3	
@	0-0:96.53.5.255 1	
@	0-0:96.53.6.255 1	
@	0-0:96.53.7.255 1	
@	0-0:96.53.8.255 1	
@257	0-0:97.97.0.255 1	Error Register
@261	0-0:97.98.0.255 1	Alarm Register 1
@279	0-0:97.98.1.255 1	Alarm Register 2
@265	0-0:97.98.10.255 1	Alarm Filter 1
@283	0-0:97.98.11.255 1	Alarm Filter 2
@269	0-0:97.98.20.255 1	Alarm Descriptor 1
@287	0-0:97.98.21.255 1	Alarm Descriptor 2
@158	0-0:98.1.0.255 7	Data of billing period 1
@301	0-0:99.98.0.255 7	Standard Event Log
@316	0-0:99.98.1.255 7	Fraud Detection Log
@193	0-0:99.98.2.255 7	Disconnect Control Log
@1340	0-0:99.98.4.255 7	Power Quality Log
@331	0-0:99.98.5.255 7	Communication Log
@	0-0:99.98.6.255 7	
@	0-0:99.98.7.255 7	
@	0-0:99.98.8.255 7	
@	0-0:99.98.9.255 7	
@	0-0:99.98.10.255 7	
@	0-0:99.98.11.255 7	
@	0-0:99.98.12.255 7	
@	0-0:99.98.13.255 7	
@	0-0:99.98.14.255 7	
@	0-0:99.98.15.255 7	
@	0-0:99.98.16.255 7	
@	0-0:99.98.20.255 7	
@	0-0:99.98.21.255 7	
@	0-0:99.98.24.255 7	
@	0-0:99.98.25.255 7	
@	0-0:99.98.26.255 7	
@	0-0:99.98.31.255 7	
@	0-0:99.98.36.255 7	
@	0-0:99.98.40.255 7	
@	0-0:99.98.41.255 7	
@	0-0:99.98.42.255 7	
@	0-0:99.98.43.255 7	
@	0-0:99.98.44.255 7	
@	0-0:99.98.45.255 7	
@	0-0:99.98.46.255 7	
@	0-0:99.98.47.255 7	
@	0-0:99.98.48.255 7	
@	0-0:99.98.49.255 7	
@	0-0:99.98.50.255 7	

@	0-0:99.98.51.255 7		
@	0-0:99.98.52.255 7		
@	0-0:99.98.53.255 7		
@	0-0:99.98.54.255 7		
@	0-0:99.98.55.255 7		
@	0-0:99.98.56.255 7		
@	0-0:99.98.60.255 7		
@	0-0:99.98.61.255 7		
@	0-0:99.98.62.255 7		
@	0-0:99.98.65.255 7		
@	0-0:99.98.68.255 7		
@	0-0:99.98.71.255 7		
@	0-0:99.98.72.255 7		
@2144	0-1:15.0.4.255 22	Push action scheduler - Interval_1	
@2069	0-1:25.9.0.255 40	Push setup - Interval_1	
@	0-1:96.6.3.255 3		
@1822	0-1:96.10.3.255 1	Profile status for M-Bus Master Load profile 1	
@2150	0-2:15.0.4.255 22	Push action scheduler - Interval_2	
@	0-2:22.0.0.255 23		
@2079	0-2:25.9.0.255 40	Push setup - Interval_2	
@1826	0-2:96.10.3.255 1	Profile status for M-Bus Master Load profile 2	
@2156	0-3:15.0.4.255 22	Push action scheduler - Interval_3	
@2089	0-3:25.9.0.255 40	Push setup - Interval_3	
@1830	0-3:96.10.3.255 1	Profile status for M-Bus Master Load profile 3	
@351	0-4:15.0.4.255 22	Push action scheduler - Consumer Information	
@2099	0-4:25.9.0.255 40	Push setup - On Alarm	
@1834	0-4:96.10.3.255 1	Profile status for M-Bus Master Load profile 4	
@357	0-6:25.9.0.255 40	Push setup - Consumer Information	
@2119	0-7:25.9.0.255 40	Push setup - On Installation	
@	1-0:0.0.0.255 1		
@412	1-0:0.2.0.255 1	Active firmware identifier	
@	1-0:0.2.1.255 1		
@416	1-0:0.2.8.255 1	Active firmware signature	
@	1-0:0.3.0.255 1		
@	1-0:0.3.1.255 1		
@	1-0:0.4.2.255 1		
@	1-0:0.4.3.255 1		
@	1-0:0.4.5.255 1		
@	1-0:0.4.6.255 1		
@	1-0:0.6.0.255 3		
@	1-0:0.6.1.255 3		
@	1-0:0.6.2.255 3		
@	1-0:0.6.3.255 3		
@1559	1-0:0.8.2.255 3	Measurement Period 3 for Instantaneous values	
@86	1-0:0.9.1.255 1	Local Time	
@90	1-0:0.9.2.255 1	Local Date	
@	1-0:0.9.5.255 1		
@94	1-0:0.9.11.255 3	Clock Time Shift Limit	
@775	1-0:1.4.0.255 5	Demand Register 1 - Active energy import (+A)	
@	1-0:1.5.0.255 3		
@901	1-0:1.6.0.255 4	Maximum Demand Register 1 - Active energy import (+A)	
@909	1-0:1.6.1.255 4	Maximum Demand Register 2 - Active energy import (+A) -	
rate 1	@917	1-0:1.6.2.255 4	Maximum Demand Register 3 - Active energy import (+A) -
rate 2	@925	1-0:1.6.3.255 4	Maximum Demand Register 4 - Active energy import (+A) -
rate 3	@933	1-0:1.6.4.255 4	Maximum Demand Register 5 - Active energy import (+A) -
rate 4	@1462	1-0:1.7.0.255 3	Instantaneous active import power (+A)
	@437	1-0:1.8.0.255 3	Active energy import (+A)
	@510	1-0:1.8.1.255 3	Active energy import (+A) rate 1
	@516	1-0:1.8.2.255 3	Active energy import (+A) rate 2
	@522	1-0:1.8.3.255 3	Active energy import (+A) rate 3
	@528	1-0:1.8.4.255 3	Active energy import (+A) rate 4
	@1498	1-0:1.24.0.255 5	Average Import Power (+A)

	@	1-0:1.29.0.255 3	
	@	1-0:1.35.0.0 3	
	@	1-0:1.43.0.0 1	
	@788	1-0:2.4.0.255 5	Demand Register 2 - Active energy export (-A)
	@941	1-0:2.6.0.255 4	Maximum Demand Register 6 - Active energy export (-A)
	@949	1-0:2.6.1.255 4	Maximum Demand Register 7 - Active energy export (-A) -
rate 1			
	@957	1-0:2.6.2.255 4	Maximum Demand Register 8 - Active energy export (-A) -
rate 2			
	@965	1-0:2.6.3.255 4	Maximum Demand Register 9 - Active energy export (-A) -
rate 3			
	@973	1-0:2.6.4.255 4	Maximum Demand Register 10 - Active energy export (-A) -
rate 4			
	@1468	1-0:2.7.0.255 3	Instantaneous active export power (-A)
	@443	1-0:2.8.0.255 3	Active energy export (-A)
	@534	1-0:2.8.1.255 3	Active energy export (-A) rate 1
	@540	1-0:2.8.2.255 3	Active energy export (-A) rate 2
	@546	1-0:2.8.3.255 3	Active energy export (-A) rate 3
	@552	1-0:2.8.4.255 3	Active energy export (-A) rate 4
	@	1-0:2.29.0.255 3	
	@801	1-0:3.4.0.255 5	Demand Register 3 - Reactive energy import (+R)
	@	1-0:3.5.0.255 3	
	@981	1-0:3.6.0.255 4	Maximum Demand Register 11 - Reactive energy import (+R)
	@989	1-0:3.6.1.255 4	Maximum Demand Register 12 - Reactive energy import (+R) -
rate 1			
	@997	1-0:3.6.2.255 4	Maximum Demand Register 13 - Reactive energy import (+R) -
rate 2			
	@1005	1-0:3.6.3.255 4	Maximum Demand Register 14 - Reactive energy import (+R) -
rate 3			
	@1013	1-0:3.6.4.255 4	Maximum Demand Register 15 - Reactive energy import (+R) -
rate 4			
	@1474	1-0:3.7.0.255 3	Instantaneous reactive import power (+R)
	@485	1-0:3.8.0.255 3	Reactive energy import (+R) (QI+QII)
	@558	1-0:3.8.1.255 3	Reactive energy (+R) rate 1
	@564	1-0:3.8.2.255 3	Reactive energy (+R) rate 2
	@570	1-0:3.8.3.255 3	Reactive energy (+R) rate 3
	@576	1-0:3.8.4.255 3	Reactive energy (+R) rate 4
	@	1-0:3.29.0.255 3	
	@814	1-0:4.4.0.255 5	Demand Register 4 - Reactive energy export (-R)
	@1021	1-0:4.6.0.255 4	Maximum Demand Register 16 - Reactive energy export (-R)
	@1029	1-0:4.6.1.255 4	Maximum Demand Register 17 - Reactive energy export (-R) -
rate 1			
	@1037	1-0:4.6.2.255 4	Maximum Demand Register 18 - Reactive energy export (-R) -
rate 2			
	@1045	1-0:4.6.3.255 4	Maximum Demand Register 19 - Reactive energy export (-R) -
rate 3			
	@1053	1-0:4.6.4.255 4	Maximum Demand Register 20 - Reactive energy export (-R) -
rate 4			
	@1480	1-0:4.7.0.255 3	Instantaneous reactive export power (-R)
	@491	1-0:4.8.0.255 3	Reactive energy export (-R) (QIII+QIV)
	@582	1-0:4.8.1.255 3	Reactive energy (-R) rate 1
	@588	1-0:4.8.2.255 3	Reactive energy (-R) rate 2
	@594	1-0:4.8.3.255 3	Reactive energy (-R) rate 3
	@600	1-0:4.8.4.255 3	Reactive energy (-R) rate 4
	@	1-0:4.29.0.255 3	
	@461	1-0:5.8.0.255 3	Reactive energy QI (+Ri)
	@606	1-0:5.8.1.255 3	Reactive energy (QI) rate 1
	@612	1-0:5.8.2.255 3	Reactive energy (QI) rate 2
	@618	1-0:5.8.3.255 3	Reactive energy (QI) rate 3
	@624	1-0:5.8.4.255 3	Reactive energy (QI) rate 4
	@467	1-0:6.8.0.255 3	Reactive energy QII (+Rc)
	@630	1-0:6.8.1.255 3	Reactive energy (QII) rate 1
	@636	1-0:6.8.2.255 3	Reactive energy (QII) rate 2
	@642	1-0:6.8.3.255 3	Reactive energy (QII) rate 3
	@648	1-0:6.8.4.255 3	Reactive energy (QII) rate 4
	@473	1-0:7.8.0.255 3	Reactive energy QIII (-Ri)

@654	1-0:7.8.1.255 3	Reactive energy (QIII) rate 1
@660	1-0:7.8.2.255 3	Reactive energy (QIII) rate 2
@666	1-0:7.8.3.255 3	Reactive energy (QIII) rate 3
@672	1-0:7.8.4.255 3	Reactive energy (QIII) rate 4
@479	1-0:8.8.0.255 3	Reactive energy QIV (-Rc)
@678	1-0:8.8.1.255 3	Reactive energy (QIV) rate 1
@684	1-0:8.8.2.255 3	Reactive energy (QIV) rate 2
@690	1-0:8.8.3.255 3	Reactive energy (QIV) rate 3
@696	1-0:8.8.4.255 3	Reactive energy (QIV) rate 4
@1486	1-0:9.7.0.255 3	Instantaneous apparent import power (+VA)
@497	1-0:9.8.0.255 3	Apparent energy import (+VA) (QI+QIV)
@702	1-0:9.8.1.255 3	Apparent energy import (+VA) rate 1
@708	1-0:9.8.2.255 3	Apparent energy import (+VA) rate 2
@714	1-0:9.8.3.255 3	Apparent energy import (+VA) rate 3
@720	1-0:9.8.4.255 3	Apparent energy import (+VA) rate 4
@1492	1-0:10.7.0.255 3	Instantaneous apparent export power (-VA)
@503	1-0:10.8.0.255 3	Apparent energy export (-VA) (QII+QIII)
@726	1-0:10.8.1.255 3	Apparent energy export (-VA) rate 1
@732	1-0:10.8.2.255 3	Apparent energy export (-VA) rate 2
@738	1-0:10.8.3.255 3	Apparent energy export (-VA) rate 3
@744	1-0:10.8.4.255 3	Apparent energy export (-VA) rate 4
@	1-0:11.35.0.2 3	
@	1-0:11.43.0.2 1	
@1193	1-0:12.31.0.255 3	Threshold for voltage sag
@	1-0:12.32.0.255 1	
@	1-0:12.35.0.2 3	
@1253	1-0:12.35.0.255 3	Threshold for voltage swell
@	1-0:12.36.0.255 1	
@1313	1-0:12.39.0.255 3	Threshold for missing voltage (voltage cut)
@	1-0:12.43.0.2 1	
@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
@1319	1-0:12.45.0.255 3	Time threshold for voltage cut
@	1-0:12.128.0.255 3	
@	1-0:12.130.0.255 1	
@	1-0:12.132.0.255 3	
@	1-0:12.136.0.255 3	
@	1-0:12.137.0.255 3	
@	1-0:12.138.0.255 3	
@	1-0:12.140.0.255 3	
@1537	1-0:13.7.0.255 3	Instantaneous Power factor (+A/+VA)
@1450	1-0:14.7.0.255 3	Instantaneous net frequency; any phase
@	1-0:15.4.0.255 5	
@	1-0:15.6.0.255 4	
@	1-0:15.6.1.255 4	
@	1-0:15.6.2.255 4	
@	1-0:15.6.3.255 4	
@	1-0:15.6.4.255 4	
@1456	1-0:15.7.0.255 3	Instantaneous active power (+A + -A)
@449	1-0:15.8.0.255 3	Active energy (+A + -A) Combined total
@750	1-0:15.8.1.255 3	Active energy Combined total (+A + -A) rate 1
@756	1-0:15.8.2.255 3	Active energy Combined total (+A + -A) rate 2
@762	1-0:15.8.3.255 3	Active energy Combined total (+A + -A) rate 3
@768	1-0:15.8.4.255 3	Active energy Combined total (+A + -A) rate 4
@1524	1-0:15.24.0.255 5	Average Total Power (+A + -A)
@455	1-0:16.8.0.255 3	Active energy (+A - -A) Combined total
@	1-0:16.8.1.255 3	
@	1-0:16.8.2.255 3	
@	1-0:16.8.3.255 3	
@	1-0:16.8.4.255 3	
@1511	1-0:16.24.0.255 5	Average Net Power (+A - -A)
@238	1-0:31.4.0.255 21	Supervision monitor 1 - Fuse supervision L1
@1363	1-0:31.7.0.255 3	Instantaneous current L1
@	1-0:31.8.0.255 3	
@1351	1-0:32.7.0.255 3	Instantaneous voltage L1
@1357	1-0:32.24.0.255 3	Average voltage L1

```

@1205 1-0:32.32.0.255|1 Number of voltage sags in phase L1
@1217 1-0:32.33.0.255|3 Duration of last voltage sag in phase L1
@1235 1-0:32.34.0.255|3 Magnitude of last voltage sag in phase L1
@1265 1-0:32.36.0.255|1 Number of voltage swells in phase L1
@1277 1-0:32.37.0.255|3 Duration of last voltage swell in phase L1
@1295 1-0:32.38.0.255|3 Magnitude of last voltage swell in phase L1
@ 1-0:32.80.0.255|1
@ 1-0:32.80.1.255|1
@ 1-0:32.80.2.255|1
@ 1-0:32.81.0.255|1
@ 1-0:32.81.1.255|1
@ 1-0:32.81.2.255|1
@ 1-0:32.82.0.255|1
@ 1-0:32.82.1.255|1
@ 1-0:32.82.2.255|1
@ 1-0:32.83.0.255|1
@ 1-0:32.83.1.255|1
@ 1-0:32.83.2.255|1
@ 1-0:33.7.0.255|3
@ 1-0:81.7.4.255|3
@1444 1-0:90.7.0.255|3 Instantaneous current (sum over all phases)
@ 1-0:94.98.10.255|1
@ 1-0:94.98.14.255|1
@ 1-0:98.1.1.255|7
@ 1-0:98.1.2.255|7
@ 1-0:98.1.3.255|7
@ 1-0:98.1.4.255|7
@1146 1-0:99.1.0.255|7 Load profile with period 1 i.e. General Load Profile
@1161 1-0:99.2.0.255|7 Load profile with period 2 i.e. Daily Values Profile
@1325 1-0:99.97.0.255|7 Power Failure Event Log
@420 1-1:0.2.0.255|1 Active firmware identifier 1
@424 1-1:0.2.8.255|1 Active firmware signature 1
@428 1-2:0.2.0.255|1 Active firmware identifier 2
@432 1-2:0.2.8.255|1 Active firmware signature 2
@ 1-4:0.2.0.255|1
@1369 1-0:31.4.0.255|5 Sliding Average current L1 (for fuse supervision)

```

```

*****
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="\LYE1020112345678" />
  </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>
    <OctetString Value="60857405080101" />
  </Data>
(6) .xDLMS_context_info PASSED
  <Data>
    <Structure Qty="0006" >
      <BitString Value="00010000000010000000000000" />
      <LongUnsigned Value="0100" />
      <LongUnsigned Value="0100" />
      <Unsigned Value="06" />
      <Integer Value="00" />
      <OctetString Value="" />
    </Structure>
  </Data>
(7) .authentication_mechanism_name PASSED
  <Data>
    <OctetString Value="60857405080201" />
  </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="4272CAD5" />
  </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="\LYE1020112345678" />
  </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="\LYE1020112345678" />
        </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>
      <OctetString Value="60857405080103" />
    </Data>
  (6) .xDLMS_context_info PASSED
    <Data>
      <Structure Qty="0006" >
        <BitString Value="000111010001101001100000" />
        <LongUnsigned Value="0100" />
        <LongUnsigned Value="0100" />
        <Unsigned Value="06" />
        <Integer Value="00" />
        <OctetString Value="" />
      </Structure>
    </Data>
  (7) .authentication_mechanism_name PASSED
    <Data>
      <OctetString Value="60857405080201" />
    </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="58585A0102030405" />
    </Data>
(14) .server_system_title PASSED
    <Data>
      <OctetString Value="4C59456610BC614E" />
    </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="4272CB48" />
    </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="\LYE1020112345678" />
    </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="\12345678" />
    </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="\05" />
    </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="\DEVID3" />
    </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="\DEVID4" />
    </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="\DEVID5" />
    </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="FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF" />
    </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="\R1" />
    </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="07E2041E010E183000FF8880" />
    </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 INAPPLICABLE
    Optional object is not implemented
(45) .value INAPPLICABLE
    Optional object is not implemented

Mngmt Get Local Date 1-0:0.9.2.255 (@90)
(46) .logical_name INAPPLICABLE
    Optional object is not implemented
(47) .value INAPPLICABLE
    Optional object is not implemented

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="\CNP_4E2E" />
    </Data>
(58) .season_profile_active PASSED

```

```

<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <OctetString Value="" />
      <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" >
      <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_4E2E" />
</Data>
(62) .season_profile_passive PASSED
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <OctetString Value="" />
      <OctetString Value="FFFF0101FF000000008000FF" />
      <OctetString Value="01" />
    </Structure>
  </Array>
</Data>
(63) .week_profile_table_passive 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>
</Data>

```

```

    </Array>
  </Data>
(64) .day_profile_table_passive 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>
(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="0001" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="08330616FF" />
        <Unsigned Value="01" />
      </Structure>
    </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="0028" >
      <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>
    </Array>
  </_Data>

```

```
<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>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030803FF" />
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<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030804FF" />
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  <OctetString Value="0100040801FF" />
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  <LongUnsigned Value="0003" />
  <OctetString Value="0100040804FF" />
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  <OctetString Value="0100050803FF" />
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  <OctetString Value="0100050804FF" />
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  <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" >
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  <OctetString Value="0100060804FF" />
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<Structure Qty="0002" >
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  <OctetString Value="01000F0802FF" />
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<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000F0803FF" />
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<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000F0804FF" />
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<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100100801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100100802FF" />
</Structure>
```

```
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100100803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100100804FF" />
</Structure>
</Array>
</Data>
(70) .mask_list
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\R1" />
      <Array Qty="000A" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R2" />
      <Array Qty="000A" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R3" />
      <Array Qty="000A" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R4" />
      <Array Qty="000A" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
      </Array>
    </Structure>
  </Array>
</Data>
```

PASSED

```

        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
    </Array>
</Structure>
</Array>
</Data>
(71) .active_mask PASSED
    <Data>
    <OctetString Value="\R1" />
    </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="0014" >
    <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>
    <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>
    </Array>
    </Data>

```

```
<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>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="01000F0601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="01000F0602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="01000F0603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="01000F0604FF" />
</Structure>
</Array>
</_Data>
(74) .mask_list
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\R1" />
      <Array Qty="0005" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R2" />
      <Array Qty="0005" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R3" />
      <Array Qty="0005" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
      </Array>
    </Structure>
  </Array>
</Data>
```

PASSED

```

        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
    </Array>
</Structure>
<Structure Qty="0002" >
  <OctetString Value="\R4" />
  <Array Qty="0005" >
    <Unsigned Value="04" />
    <Unsigned Value="08" />
    <Unsigned Value="0C" />
    <Unsigned Value="10" />
    <Unsigned Value="14" />
  </Array>
</Structure>
</Array>
</Data>
(75) .active_mask PASSED
  <Data>
    <OctetString Value="\R1" />
  </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="0005" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0001" />
        <Array Qty="0003" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\R1" />
          </Structure>
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\R1" />
          </Structure>
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000160030AFF" />
            <Integer Value="03" />
            <Enum Value="01" />
          </Structure>
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <LongUnsigned Value="0002" />
        <Array Qty="0003" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\R2" />
          </Structure>

```

```
<Structure Qty="0005" >
  <Enum Value="01" />
  <LongUnsigned Value="0006" />
  <OctetString Value="00000E0002FF" />
  <Integer Value="04" />
  <OctetString Value="\R2" />
</Structure>
<Structure Qty="0005" >
  <Enum Value="01" />
  <LongUnsigned Value="0046" />
  <OctetString Value="000160030AFF" />
  <Integer Value="03" />
  <Enum Value="02" />
</Structure>
</Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\R3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\R3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\R4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\R4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
```

```

    </Array>
  </Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0005" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\R1" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\R1" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000060030AFF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </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="0000000D" />
  </Data>
```



```

(91) .logical_name                                     PASSED
    <Data>
      <OctetString Value="00000F0001FF" />
    </Data>
(92) .executed_script                                  PASSED
    <Data>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
    </Data>
(93) .type                                             PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(94) .execution_time                                  PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <OctetString Value="FFFFFFFF" />
          <OctetString Value="FFFFFFFF" />
        </Structure>
      </Array>
    </Data>

Mngmt Get Disconnecter script table 0-0:10.0.106.255 (@176)
(95) .logical_name                                     PASSED
    <Data>
      <OctetString Value="00000A006AFF" />
    </Data>
(96) .scripts                                          PASSED
    <Data>
      <Array Qty="0004" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
              <Integer Value="03" />
              <Enum Value="02" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0002" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
              <Integer Value="03" />
              <Enum Value="01" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0003" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="02" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
              <Integer Value="01" />
              <Enum Value="00" />
            </Structure>
          </Array>
        </Structure>
      </Array>
    </Data>

```

```

        </Structure>
      </Array>
    </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0001" >
      <Structure Qty="0005" >
        <Enum Value="02" />
        <LongUnsigned Value="0046" />
        <OctetString Value="000060030AFF" />
        <Integer Value="02" />
        <Enum Value="00" />
      </Structure>
    </Array>
  </Structure>
</Array>
</Data>

Mngmt Get Disconnect control 0-0:96.3.10.255 (@181)
(97) .logical_name PASSED
  <Data>
    <OctetString Value="000060030AFF" />
  </Data>
(98) .output_state PASSED
  <Data>
    <Boolean Value="01" />
  </Data>
(99) .control_state PASSED
  <Data>
    <Enum Value="01" />
  </Data>
(100) .control_mode PASSED
  <Data>
    <Enum Value="00" />
  </Data>

Mngmt Get Event Object - Disconnect Control log 0-0:96.11.2.255 (@189)
(101) .logical_name PASSED
  <Data>
    <OctetString Value="0000600B02FF" />
  </Data>
(102) .value PASSED
  <Data>
    <Enum Value="00" />
  </Data>

Mngmt Get Disconnect Control Log 0-0:99.98.2.255 (@193)
(103) .logical_name PASSED
  <Data>
    <OctetString Value="0000636202FF" />
  </Data>
(104) .capture_objects PASSED
  <Data>
    <Array Qty="0003" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600B02FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>

```

```

        <Structure Qty="0004" >
          <LongUnsigned Value="0047" />
          <OctetString Value="0000110000FF" />
          <Integer Value="03" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
(105) .capture_period PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(106) .sort_method PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(107) .sort_object PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0000" />
        <OctetString Value="000000000000" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(108) .entries_in_use PASSED
    <Data>
      <DoubleLongUnsigned Value="0000001E" />
    </Data>
(109) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>

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 PASSED
    <Data>
      <OctetString Value="0000110000FF" />
    </Data>
(121) .monitored_value PASSED

```

```

    <Data>
      <Structure Qty="0003" >
        <LongUnsigned Value="0005" />
        <OctetString Value="0100011800FF" />
        <Integer Value="02" />
      </Structure>
    </Data>
(122) .threshold_active PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(123) .threshold_normal PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(124) .threshold_emergency PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(125) .min_over_threshold_duration PASSED
    <Data>
      <DoubleLongUnsigned Value="000000B4" />
    </Data>
(126) .min_under_threshold_duration PASSED
    <Data>
      <DoubleLongUnsigned Value="000000B4" />
    </Data>
(127) .emergency_profile PASSED
    <Data>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
        <DoubleLongUnsigned Value="00000258" />
      </Structure>
    </Data>
(128) .emergency_profile_group_id_list PASSED
    <Data>
      <Array Qty="0004" >
        <LongUnsigned Value="0000" />
        <LongUnsigned Value="0000" />
        <LongUnsigned Value="0000" />
        <LongUnsigned Value="0000" />
      </Array>
    </Data>
(129) .emergency_profile_active PASSED
    <Data>
      <Boolean Value="00" />
    </Data>
(130) .actions PASSED
    <Data>
      <Structure Qty="0002" >
        <Structure Qty="0002" >
          <OctetString Value="00000A006AFF" />
          <LongUnsigned Value="0001" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="00000A006AFF" />
          <LongUnsigned Value="0002" />
        </Structure>
      </Structure>
    </Data>
Mngmt Get Supervision monitor 1 - Fuse supervision L1 1-0:31.4.0.255 (@238)
(131) .logical_name PASSED
    <Data>
      <OctetString Value="01001F0400FF" />

```



```
(146) .value                                     PASSED
      <Data>
        <DoubleLongUnsigned Value="00000000" />
      </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="00000000" />
      </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="00000000" />
      </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="00000000" />
    </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="00000000" />
    </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="00000000" />
    </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="01" />
  </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="00000013" />
  </Data>
(173) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="00000064" />
  </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="0000000B" />
  </Data>
(182) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="00000064" />
  </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="00" />
  </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>
    </Array>
  </Data>
```

```

        </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="0000000D" />
    </Data>
(191) .profile_entries PASSED
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </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="\ConsumerMessageCode" />
    </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="\12345678" />
    </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)

```



```

(224) .image_first_not_transferred_block_number PASSED
      <Data>
      <DoubleLongUnsigned Value="00000224" />
      </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="000111DA" />
      <OctetString
Value="42445F48353032335F56303030315F323031383031323332E62696E41414137000000000000" />
      <OctetString Value="AAA7" />
      </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="\BD_H5023_V0001_20180123" />

```

```

    </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="89CC" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(238) .logical_name                                     INAPPLICABLE
    Optional object is not implemented
(239) .value                                           INAPPLICABLE
    Optional object is not implemented

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>

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
<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="20" /> </Structure> </Data> </pre>	
Mngmt Get Apparent energy import (+VA) (QI+QIV) 1-0:9.8.0.255 (@497)	
(276) .logical_name	INAPPLICABLE
Optional object is not implemented	
(277) .value	INAPPLICABLE
Optional object is not implemented	
(278) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Apparent energy export (-VA) (QII+QIII) 1-0:10.8.0.255 (@503)	
(279) .logical_name	INAPPLICABLE
Optional object is not implemented	
(280) .value	INAPPLICABLE
Optional object is not implemented	
(281) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Active energy import (+A) rate 1 1-0:1.8.1.255 (@510)	
(282) .logical_name	PASSED
<pre> <Data> <OctetString Value="0100010801FF" /> </Data> </pre>	
(283) .value	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000000" /> </Data> </pre>	
(284) .scaler_unit	PASSED
<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="1E" /> </Structure> </Data> </pre>	
Mngmt Get Active energy import (+A) rate 2 1-0:1.8.2.255 (@516)	
(285) .logical_name	PASSED
<pre> <Data> <OctetString Value="0100010802FF" /> </Data> </pre>	
(286) .value	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000000" /> </Data> </pre>	
(287) .scaler_unit	PASSED
<pre> <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="1E" /> </Structure> </Data> </pre>	
Mngmt Get Active energy import (+A) rate 3 1-0:1.8.3.255 (@522)	
(288) .logical_name	PASSED
<pre> <Data> <OctetString Value="0100010803FF" /> </Data> </pre>	
(289) .value	PASSED
<pre> <Data> <DoubleLongUnsigned Value="00000000" /> </pre>	


```
</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" />

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```
</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
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	<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
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	<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	INAPPLICABLE
	Optional object is not implemented	
(331)	.value	INAPPLICABLE
	Optional object is not implemented	
(332)	.scaler_unit	INAPPLICABLE
	Optional object is not implemented	
Mngmt	Get Reactive energy (QI) rate 2 1-0:5.8.2.255 (@612)	
(333)	.logical_name	INAPPLICABLE
	Optional object is not implemented	
(334)	.value	INAPPLICABLE
	Optional object is not implemented	
(335)	.scaler_unit	INAPPLICABLE
	Optional object is not implemented	
Mngmt	Get Reactive energy (QI) rate 3 1-0:5.8.3.255 (@618)	
(336)	.logical_name	INAPPLICABLE
	Optional object is not implemented	
(337)	.value	INAPPLICABLE
	Optional object is not implemented	
(338)	.scaler_unit	INAPPLICABLE
	Optional object is not implemented	
Mngmt	Get Reactive energy (QI) rate 4 1-0:5.8.4.255 (@624)	
(339)	.logical_name	INAPPLICABLE
	Optional object is not implemented	
(340)	.value	INAPPLICABLE
	Optional object is not implemented	
(341)	.scaler_unit	INAPPLICABLE
	Optional object is not implemented	
Mngmt	Get Reactive energy (QII) rate 1 1-0:6.8.1.255 (@630)	
(342)	.logical_name	INAPPLICABLE

Optional object is not implemented	
(343) .value	INAPPLICABLE
Optional object is not implemented	
(344) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QII) rate 2 1-0:6.8.2.255 (@636)	
(345) .logical_name	INAPPLICABLE
Optional object is not implemented	
(346) .value	INAPPLICABLE
Optional object is not implemented	
(347) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QII) rate 3 1-0:6.8.3.255 (@642)	
(348) .logical_name	INAPPLICABLE
Optional object is not implemented	
(349) .value	INAPPLICABLE
Optional object is not implemented	
(350) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QII) rate 4 1-0:6.8.4.255 (@648)	
(351) .logical_name	INAPPLICABLE
Optional object is not implemented	
(352) .value	INAPPLICABLE
Optional object is not implemented	
(353) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIII) rate 1 1-0:7.8.1.255 (@654)	
(354) .logical_name	INAPPLICABLE
Optional object is not implemented	
(355) .value	INAPPLICABLE
Optional object is not implemented	
(356) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIII) rate 2 1-0:7.8.2.255 (@660)	
(357) .logical_name	INAPPLICABLE
Optional object is not implemented	
(358) .value	INAPPLICABLE
Optional object is not implemented	
(359) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIII) rate 3 1-0:7.8.3.255 (@666)	
(360) .logical_name	INAPPLICABLE
Optional object is not implemented	
(361) .value	INAPPLICABLE
Optional object is not implemented	
(362) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIII) rate 4 1-0:7.8.4.255 (@672)	
(363) .logical_name	INAPPLICABLE
Optional object is not implemented	
(364) .value	INAPPLICABLE
Optional object is not implemented	
(365) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIV) rate 1 1-0:8.8.1.255 (@678)	
(366) .logical_name	INAPPLICABLE
Optional object is not implemented	
(367) .value	INAPPLICABLE

Optional object is not implemented	
(368) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIV) rate 2 1-0:8.8.2.255 (@684)	
(369) .logical_name	INAPPLICABLE
Optional object is not implemented	
(370) .value	INAPPLICABLE
Optional object is not implemented	
(371) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIV) rate 3 1-0:8.8.3.255 (@690)	
(372) .logical_name	INAPPLICABLE
Optional object is not implemented	
(373) .value	INAPPLICABLE
Optional object is not implemented	
(374) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Reactive energy (QIV) rate 4 1-0:8.8.4.255 (@696)	
(375) .logical_name	INAPPLICABLE
Optional object is not implemented	
(376) .value	INAPPLICABLE
Optional object is not implemented	
(377) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
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

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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" />

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</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="07E2041E010C1F0000FF8880" />
</Data>
(420) .start_time_current PASSED
<Data>
  <OctetString Value="07E2041E010E140000FF8880" />
</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="000000000000000000000000" />
</Data>
(429) .start_time_current PASSED
<Data>
  <OctetString Value="000000000000000000000000" />
</Data>
(430) .period PASSED
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    <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" />
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(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="07E2041E010C1F0000FF8880" />
    </Data>
(438) .start_time_current PASSED
    <Data>
      <OctetString Value="07E2041E010E140000FF8880" />
    </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="000000000000000000000000" />
    </Data>
(447) .start_time_current PASSED
    <Data>
        <OctetString Value="000000000000000000000000" />
    </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 INAPPLICABLE
    Optional object is not implemented
(451) .current_average_value INAPPLICABLE
    Optional object is not implemented
(452) .last_average_value INAPPLICABLE
    Optional object is not implemented
(453) .scaler_unit INAPPLICABLE
    Optional object is not implemented
(454) .status INAPPLICABLE
    Optional object is not implemented
(455) .capture_time INAPPLICABLE
    Optional object is not implemented
(456) .start_time_current INAPPLICABLE
    Optional object is not implemented
(457) .period INAPPLICABLE
    Optional object is not implemented
(458) .number_of_periods INAPPLICABLE
    Optional object is not implemented

Mngmt Get Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255 (@840)
(459) .logical_name INAPPLICABLE
    Optional object is not implemented
(460) .current_average_value INAPPLICABLE
    Optional object is not implemented
(461) .last_average_value INAPPLICABLE
    Optional object is not implemented
(462) .scaler_unit INAPPLICABLE
    Optional object is not implemented
(463) .status INAPPLICABLE
    Optional object is not implemented
(464) .capture_time INAPPLICABLE
    Optional object is not implemented
(465) .start_time_current INAPPLICABLE
    Optional object is not implemented
(466) .period INAPPLICABLE
    Optional object is not implemented
(467) .number_of_periods INAPPLICABLE
    Optional object is not implemented

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="000000000000000000000000" />
</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="000000000000000000000000" />
</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" >
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```

        <Integer Value="00" />
        <Enum Value="1B" />
    </Structure>
</Data>
(511) .status PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(512) .capture_time PASSED
    <Data>
        <OctetString Value="000000000000000000000000" />
    </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="000000000000000000000000" />
    </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="000000000000000000000000" />
    </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="000000000000000000000000" />
  </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="000000000000000000000000" />
  </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>

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```
</Data>
(537) .capture_time PASSED
<Data>
  <OctetString Value="0000000000000000000000" />
</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="0000000000000000000000" />
</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="0000000000000000000000" />
</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="000000000000000000000000" />
    </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="000000000000000000000000" />
    </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="000000000000000000000000" />
    </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="000000000000000000000000" />
      </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="000000000000000000000000" />
      </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="000000000000000000000000" />
    </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="000000000000000000000000" />
    </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="000000000000000000000000" />
    </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="000000000000000000000000" />
      </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="000000000000000000000000" />
      </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="88" />
</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" />
    </Structure>
  </Array>

```

```

        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Structure>
<Structure Qty="0004" >
    <LongUnsigned Value="0001" />
    <OctetString Value="0000600A01FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
</Structure>
</Structure>
<Structure Qty="0004" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100010800FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
</Structure>
</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="0000000B" />
    </Data>
(656) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00001740" />
    </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="88" />
    </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="0100010803FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010804FF" />
      <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="00000006" />
  </Data>
(665) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="0000001F" />
  </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="0000" />
      </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>
        <DoubleLongUnsigned Value="00000000" />
      </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 Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Get Duration of last voltage sag in phase L3 1-0:72.33.0.255 (@1229)	
(694) .logical_name Object is not required according to OM and/or extensions	INAPPLICABLE
(695) .value Object is not required according to OM and/or extensions	INAPPLICABLE
(696) .scaler_unit Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Get Magnitude of last voltage sag in phase L1 1-0:32.34.0.255 (@1235)	
(697) .logical_name <Data> <OctetString Value="0100202200FF" /> </Data>	PASSED
(698) .value <Data> <LongUnsigned Value="0000" /> </Data>	PASSED
(699) .scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="23" /> </Structure> </Data>	PASSED
Mngmt Get Magnitude of last voltage sag in phase L2 1-0:52.34.0.255 (@1241)	
(700) .logical_name Object is not required according to OM and/or extensions	INAPPLICABLE
(701) .value Object is not required according to OM and/or extensions	INAPPLICABLE
(702) .scaler_unit Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Get Magnitude of last voltage sag in phase L3 1-0:72.34.0.255 (@1247)	
(703) .logical_name Object is not required according to OM and/or extensions	INAPPLICABLE
(704) .value Object is not required according to OM and/or extensions	INAPPLICABLE
(705) .scaler_unit Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Get Threshold for voltage swell 1-0:12.35.0.255 (@1253)	
(706) .logical_name <Data> <OctetString Value="01000C2300FF" /> </Data>	PASSED
(707) .value <Data> <LongUnsigned Value="00FD" /> </Data>	PASSED
(708) .scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="23" /> </Structure> </Data>	PASSED
Mngmt Get Time threshold for voltage swell 1-0:12.44.0.255 (@1259)	
(709) .logical_name <Data> <OctetString Value="01000C2C00FF" /> </Data>	PASSED

(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="0006" />	
</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="FFFF" />	
</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="00F4" />
      </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="00000008" />
  </Data>
(748) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="00000032" />
  </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="0000000D" />
  </Data>
(757) .profile_entries PASSED
  <Data>
    <DoubleLongUnsigned Value="000000C8" />
  </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="090D" />
  </Data>
(760) .scaler_unit PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="FF" />
      <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="090B" />
    </Data>
(763) .scaler_unit PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FF" />
            <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 PASSED
    <Data>
        <OctetString Value="01001F0400FF" />
    </Data>
(768) .current_average_value PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(769) .last_average_value PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(770) .scaler_unit PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>
(771) .status PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(772) .capture_time PASSED
    <Data>
        <OctetString Value="07E2041E010E1E0400FF8880" />
    </Data>
(773) .start_time_current PASSED
    <Data>
        <OctetString Value="07E2041E010E1C2300FF8880" />
    </Data>
(774) .period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </Data>
(775) .number_of_periods PASSED
    <Data>
        <LongUnsigned Value="005A" />
```

</Data>

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 INAPPLICABLE
Optional object is not implemented
(816) .value INAPPLICABLE
Optional object is not implemented
(817) .scaler_unit INAPPLICABLE
Optional object is not implemented

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>
```

```

    </Data>

Mngmt Get Instantaneous apparent import power (+VA) 1-0:9.7.0.255 (@1486)
(833) .logical_name                               INAPPLICABLE
        Optional object is not implemented
(834) .value                                       INAPPLICABLE
        Optional object is not implemented
(835) .scaler_unit                               INAPPLICABLE
        Optional object is not implemented

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                               PASSED
        <Data>
            <OctetString Value="0100011800FF" />
        </Data>
(840) .current_average_value                     PASSED
        <Data>
            <DoubleLongUnsigned Value="00000000" />
        </Data>
(841) .last_average_value                       PASSED
        <Data>
            <DoubleLongUnsigned Value="00000000" />
        </Data>
(842) .scaler_unit                               PASSED
        <Data>
            <Structure Qty="0002" >
                <Integer Value="00" />
                <Enum Value="1B" />
            </Structure>
        </Data>
(843) .status                                    PASSED
        <Data>
            <Unsigned Value="00" />
        </Data>
(844) .capture_time                             PASSED
        <Data>
            <OctetString Value="000000000000000000000000" />
        </Data>
(845) .start_time_current                       PASSED
        <Data>
            <OctetString Value="000000000000000000000000" />
        </Data>
(846) .period                                   PASSED
        <Data>
            <DoubleLongUnsigned Value="0000003C" />
        </Data>
(847) .number_of_periods                       PASSED
        <Data>
            <LongUnsigned Value="000F" />
        </Data>

Mngmt Get Average Net Power (|+A|-|A|) 1-0:16.24.0.255 (@1511)
(848) .logical_name                               INAPPLICABLE
        Optional object is not implemented
(849) .current_average_value                     INAPPLICABLE
        Optional object is not implemented
(850) .last_average_value                       INAPPLICABLE
        Optional object is not implemented

```

(851) .scaler_unit Optional object is not implemented	INAPPLICABLE
(852) .status Optional object is not implemented	INAPPLICABLE
(853) .capture_time Optional object is not implemented	INAPPLICABLE
(854) .start_time_current Optional object is not implemented	INAPPLICABLE
(855) .period Optional object is not implemented	INAPPLICABLE
(856) .number_of_periods Optional object is not implemented	INAPPLICABLE
Mngmt Get Average Total Power (+A + -A) 1-0:15.24.0.255 (@1524)	
(857) .logical_name <Data> <OctetString Value="01000F1800FF" /> </Data>	PASSED
(858) .current_average_value <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(859) .last_average_value <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(860) .scaler_unit <Data> <Structure Qty="0002" > <Integer Value="00" /> <Enum Value="1B" /> </Structure> </Data>	PASSED
(861) .status <Data> <Unsigned Value="00" /> </Data>	PASSED
(862) .capture_time <Data> <OctetString Value="000000000000000000000000" /> </Data>	PASSED
(863) .start_time_current <Data> <OctetString Value="000000000000000000000000" /> </Data>	PASSED
(864) .period <Data> <DoubleLongUnsigned Value="0000003C" /> </Data>	PASSED
(865) .number_of_periods <Data> <LongUnsigned Value="000F" /> </Data>	PASSED
Mngmt Get Instantaneous Power factor (+A/+VA) 1-0:13.7.0.255 (@1537)	
(866) .logical_name Optional object is not implemented	INAPPLICABLE
(867) .value Optional object is not implemented	INAPPLICABLE
(868) .scaler_unit Optional object is not implemented	INAPPLICABLE
Mngmt Get Last Average Power factor (+A/+VA) 1-0:13.5.0.255 (@1543)	
(869) .logical_name Optional object is not implemented	INAPPLICABLE
(870) .value	INAPPLICABLE

Optional object is not implemented	
(871) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
(872) .status	INAPPLICABLE
Optional object is not implemented	
(873) .capture_time	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Minimum Power factor (+A/+VA) 1-0:13.3.0.255 (@1551)	
(874) .logical_name	INAPPLICABLE
Optional object is not implemented	
(875) .value	INAPPLICABLE
Optional object is not implemented	
(876) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
(877) .status	INAPPLICABLE
Optional object is not implemented	
(878) .capture_time	INAPPLICABLE
Optional object is not implemented	
Mngmt Get Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)	
(879) .logical_name	INAPPLICABLE
Optional object is not implemented	
(880) .value	INAPPLICABLE
Optional object is not implemented	
(881) .scaler_unit	INAPPLICABLE
Optional object is not implemented	
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	

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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
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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="0103" />		
</Data>		
(1144) .max_info_field_lenght_receive		PASSED
<Data>		
<LongUnsigned Value="0103" />		
</Data>		
(1145) .inter_octet_time_out		PASSED
<Data>		
<LongUnsigned Value="0096" />		
</Data>		
(1146) .inactivity_time_out		PASSED
<Data>		
<LongUnsigned Value="00B4" />		
</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 <Data> <OctetString Value="0000190700FF" /> </Data>	PASSED
(1165) .DL_reference <Data> <OctetString Value="0000190200FF" /> </Data>	PASSED
(1166) .address_config_mode <Data> <Enum Value="00" /> </Data>	PASSED
(1167) .unicast_IPv6_addresses <Data> <Array Qty="0001" > <OctetString Value="FE80000000000000781D00FFFE000001" /> </Array> </Data>	PASSED
(1168) .multicast_IPv6_addresses <Data> <Array Qty="0001" > <OctetString Value="FF020000000000000000000000000001" /> </Array> </Data>	PASSED
(1169) .gateway_IPv6_address <Data> <Array Qty="0001" > <OctetString Value="FE80000000000000781D00FFFE000000" /> </Array> </Data>	PASSED
(1170) .primary_DNS_address <Data> <OctetString Value="" /> </Data>	PASSED
(1171) .secondary_DNS_address <Data> <OctetString Value="" /> </Data>	PASSED
(1172) .traffic_class <Data> <Unsigned Value="00" /> </Data>	PASSED
(1173) .neighbor_discovery_setup <Data> <Array Qty="0001" > <Structure Qty="0003" > <Unsigned Value="03" /> <LongUnsigned Value="000A" /> <DoubleLongUnsigned Value="00000000" /> </Structure> </Array> </Data>	PASSED

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="00" />	
<OctetString Value="\193.173.237.99:4059" />	
<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="001E" />	
</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="0000" >	
</Array>	
</Data>	
(1188) .send_destination_and_method	PASSED
<Data>	
<Structure Qty="0003" >	
<Enum Value="00" />	
<OctetString Value="\0.0.0.0:00" />	
<Enum Value="00" />	
</Structure>	
</Data>	

(1189)	.communication_window <Data> <Array Qty="0000" > </Array> </Data>	PASSED
(1190)	.randomisation_start_interval <Data> <LongUnsigned Value="0000" /> </Data>	PASSED
(1191)	.number_of_retries <Data> <Unsigned Value="00" /> </Data>	PASSED
(1192)	.repetition_delay <Data> <LongUnsigned Value="001E" /> </Data>	PASSED
Mngmt Get Push setup - Interval_3 0-3:25.9.0.255 (@2089)		
(1193)	.logical_name <Data> <OctetString Value="0003190900FF" /> </Data>	PASSED
(1194)	.push_object_list <Data> <Array Qty="0000" > </Array> </Data>	PASSED
(1195)	.send_destination_and_method <Data> <Structure Qty="0003" > <Enum Value="00" /> <OctetString Value="\0.0.0.0:00" /> <Enum Value="00" /> </Structure> </Data>	PASSED
(1196)	.communication_window <Data> <Array Qty="0000" > </Array> </Data>	PASSED
(1197)	.randomisation_start_interval <Data> <LongUnsigned Value="0000" /> </Data>	PASSED
(1198)	.number_of_retries <Data> <Unsigned Value="00" /> </Data>	PASSED
(1199)	.repetition_delay <Data> <LongUnsigned Value="001E" /> </Data>	PASSED
Mngmt Get Push setup - On Alarm 0-4:25.9.0.255 (@2099)		
(1200)	.logical_name <Data> <OctetString Value="0004190900FF" /> </Data>	PASSED
(1201)	.push_object_list <Data> <Array Qty="0002" > <Structure Qty="0004" > <LongUnsigned Value="0001" /> <OctetString Value="00000616214FF" /> <Integer Value="02" /> </Structure> </Array> </Data>	PASSED

```
        <LongUnsigned Value="0000" />
      </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000616215FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
(1202) .send_destination_and_method PASSED
<Data>
  <Structure Qty="0003" >
    <Enum Value="00" />
    <OctetString Value="\0.0.0.0:00" />
    <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="00" />
</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="0000" >
  </Array>
</Data>
(1209) .send_destination_and_method PASSED
<Data>
  <Structure Qty="0003" >
    <Enum Value="00" />
    <OctetString Value="\0.0.0.0:00" />
    <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="00" />
</Data>
```

```

    </Data>
(1213) .repetition_delay PASSED
    <Data>
      <LongUnsigned Value="001E" />
    </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="0000" >
      </Array>
    </Data>
(1216) .send_destination_and_method PASSED
    <Data>
      <Structure Qty="0003" >
        <Enum Value="00" />
        <OctetString Value="\0.0.0.0:00" />
        <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="00" />
    </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="0007" >

```

```
<Structure Qty="0002" >
  <LongUnsigned Value="0001" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0028" />
      <OctetString Value="0001190900FF" />
      <Integer Value="01" />
      <LongUnsigned Value="0000" />
    </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" />
      <LongUnsigned Value="0000" />
    </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" />
      <LongUnsigned Value="0000" />
    </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" />
      <LongUnsigned Value="0000" />
    </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" />
      <LongUnsigned Value="0000" />
    </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" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0007" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0028" />
            <OctetString Value="0006190900FF" />
            <Integer Value="01" />
            <LongUnsigned Value="0000" />
        </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="0001" >
            <Structure Qty="0002" >
                <OctetString Value="FFFFFFFF" />
                <OctetString Value="FFFFFFFF" />
            </Structure>
        </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="0001" >

```

```

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

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(1249) .MAC_address	PASSED
<Data>	
<OctetString Value="0080E14CAC87" />	
</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="00000319" />	
</Data>	
(1267) .mac_Rx_data_packet_count	PASSED
<Data>	
<DoubleLongUnsigned Value="0000031C" />	
</Data>	
(1268) .mac_Tx_cmd_packet_count	PASSED
<Data>	
<DoubleLongUnsigned Value="00000007" />	
</Data>	
(1269) .mac_Rx_cmd_packet_count	PASSED
<Data>	
<DoubleLongUnsigned Value="00000007" />	
</Data>	
(1270) .mac_CSMA_fail_count	PASSED
<Data>	
<DoubleLongUnsigned Value="00000000" />	
</Data>	


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        <Unsigned Value="80" />
        <Integer Value="03" />
        <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
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<Data>
  <Unsigned Value="05" />
</Data>
(1300) .adp_prefix_table PASSED
<Data>
  <Array Qty="0001" >
    <Structure Qty="0006" >
      <Unsigned Value="00" />
      <Boolean Value="18" />
      <Boolean Value="00" />
      <DoubleLongUnsigned Value="00000000" />
      <DoubleLongUnsigned Value="00000000" />
      <OctetString Value="000000000F0000000000000000000000000000" />
    </Structure>
  </Array>
</Data>
(1301) .adp_routing_configuration PASSED
<Data>
  <Array Qty="0001" >
    <Structure Qty="000E" >
      <Unsigned Value="14" />
      <LongUnsigned Value="003C" />
      <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="000A" />
      <Boolean Value="01" />
      <Boolean Value="00" />
      <Unsigned Value="00" />
    </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="0005" />
      <Unsigned Value="01" />
      <Unsigned Value="00" />
      <LongUnsigned Value="003C" />
    </Structure>
  </Array>
</Data>
(1304) .adp_context_information_table PASSED
<Data>
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <BitString Value="00000000" />
      <Unsigned Value="00" />
      <OctetString Value="0500013C00000000000000000F00000000" />
      <Boolean Value="EC" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>

```

```

(1305) .adp_blacklist_table PASSED
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0000" />
      <LongUnsigned Value="FFFF" />
    </Structure>
  </Array>
</Data>
(1306) .adp_broadcast_log_table PASSED
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <LongUnsigned Value="0000" />
      <Unsigned Value="00" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
(1307) .adp_group_table PASSED
<Data>
  <Array Qty="0001" >
    <LongUnsigned Value="FFFF" />
  </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="\05" />
    </Data>

Mngmt Set Device ID 3 0-0:96.1.2.255 (@54)
(5) .value PASSED
    <Data>
      <OctetString Value="\DEVID3" />
    </Data>

Mngmt Set Device ID 4 0-0:96.1.3.255 (@58)
(6) .value PASSED
    <Data>
      <OctetString Value="\DEVID4" />
    </Data>

Mngmt Set Device ID 5 0-0:96.1.4.255 (@62)
(7) .value PASSED
    <Data>
      <OctetString Value="\DEVID5" />
    </Data>

Mngmt Set Clock 0-0:1.0.0.255 (@75)
(8) .time PASSED
    <Data>
      <OctetString Value="07E2041E010E183000FF8880" />
    </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_4E2E" />
</Data>
(22) .season_profile_passive PASSED
<Data>
<Array Qty="0001" >
<Structure Qty="0003" >
<OctetString Value="" />
<OctetString Value="FFFF0101FF000000008000FF" />
<OctetString Value="01" />
</Structure>
</Array>
</Data>
(23) .week_profile_table_passive 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" />
<Unsigned Value="01" />
</Structure>
</Array>
</Data>
(24) .day_profile_table_passive 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>
(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="08330616FF" />
<Unsigned Value="01" />

```

```

    </Structure>
  </Array>
</Data>

```

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

(27) .register_assignment

Optional access right not available

INAPPLICABLE

(28) .mask_list

PASSED

```

  <Data>
    <Array Qty="0004" >
      <Structure Qty="0002" >
        <OctetString Value="\R1" />
        <Array Qty="000A" >
          <Unsigned Value="01" />
          <Unsigned Value="05" />
          <Unsigned Value="09" />
          <Unsigned Value="0D" />
          <Unsigned Value="11" />
          <Unsigned Value="15" />
          <Unsigned Value="19" />
          <Unsigned Value="1D" />
          <Unsigned Value="21" />
          <Unsigned Value="25" />
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\R2" />
        <Array Qty="000A" >
          <Unsigned Value="02" />
          <Unsigned Value="06" />
          <Unsigned Value="0A" />
          <Unsigned Value="0E" />
          <Unsigned Value="12" />
          <Unsigned Value="16" />
          <Unsigned Value="1A" />
          <Unsigned Value="1E" />
          <Unsigned Value="22" />
          <Unsigned Value="26" />
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\R3" />
        <Array Qty="000A" >
          <Unsigned Value="03" />
          <Unsigned Value="07" />
          <Unsigned Value="0B" />
          <Unsigned Value="0F" />
          <Unsigned Value="13" />
          <Unsigned Value="17" />
          <Unsigned Value="1B" />
          <Unsigned Value="1F" />
          <Unsigned Value="23" />
          <Unsigned Value="27" />
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\R4" />
        <Array Qty="000A" >
          <Unsigned Value="04" />
          <Unsigned Value="08" />
          <Unsigned Value="0C" />
          <Unsigned Value="10" />
          <Unsigned Value="14" />
          <Unsigned Value="18" />
          <Unsigned Value="1C" />
          <Unsigned Value="20" />
        </Array>
      </Structure>
    </Array>
  </Data>

```

```

        <Unsigned Value="24" />
        <Unsigned Value="28" />
    </Array>
</Structure>
</Array>
</Data>

```

Mngmt Set Register activation - Maximum Demand 0-0:14.0.2.255 (@135)

(29) .register_assignment

Optional access right not available

INAPPLICABLE

(30) .mask_list

PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\R1" />
      <Array Qty="0005" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R2" />
      <Array Qty="0005" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R3" />
      <Array Qty="0005" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R4" />
      <Array Qty="0005" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
      </Array>
    </Structure>
  </Array>
</Data>

```

Mngmt Set Tariffication script table 0-0:10.0.100.255 (@141)

(31) .scripts

PASSED

```

  <_Data>
    <Array Qty="0005" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0001" />
        <Array Qty="0003" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
          </Structure>
        </Array>
      </Structure>
    </Array>
  </_Data>

```



```
<OctetString Value="0000E0001FF" />
<Integer Value="04" />
<OctetString Value="\R1" />
</Structure>
<Structure Qty="0005" >
  <Enum Value="01" />
  <LongUnsigned Value="0006" />
  <OctetString Value="0000E0002FF" />
  <Integer Value="04" />
  <OctetString Value="\R1" />
</Structure>
<Structure Qty="0005" >
  <Enum Value="01" />
  <LongUnsigned Value="0046" />
  <OctetString Value="000160030AFF" />
  <Integer Value="03" />
  <Enum Value="01" />
</Structure>
</Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0002" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="0000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\R2" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="0000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\R2" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="0000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\R3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="0000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\R3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
```

```

        <OctetString Value="000160030AFF" />
        <Integer Value="03" />
        <Enum Value="01" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0003" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\R4" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\R4" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000160030AFF" />
            <Integer Value="03" />
            <Enum Value="02" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0005" />
    <Array Qty="0003" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\R1" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\R1" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000060030AFF" />
            <Integer Value="03" />
            <Enum Value="01" />
        </Structure>
    </Array>
</Structure>
</Array>
</_Data>

```

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

(32) .type

Optional access right not available

(33) .execution_time

<Data>

INAPPLICABLE

PASSED

```
<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

PASSED

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006AFF" />
    <LongUnsigned Value="0001" />
  </Structure>
</Data>
```

(36) .type

Optional access right not available

INAPPLICABLE

(37) .execution_time

PASSED

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

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

(38) .control_mode <Data> <Enum Value="00" /> </Data>	PASSED
Mngmt Set Disconnecter Control Log 0-0:99.98.2.255 (@193)	
(39) .capture_objects Optional access right not available	INAPPLICABLE
Mngmt Set Load Mgmt - Relay control 1 0-1:96.3.10.255 (@209)	
(40) .control_mode Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set Load Mgmt - Relay control 2 0-2:96.3.10.255 (@217)	
(41) .control_mode Optional object is not implemented	INAPPLICABLE
Mngmt Set Limiter 0-0:17.0.0.255 (@225)	
(42) .monitored_value <Data> <Structure Qty="0003" > <LongUnsigned Value="0005" /> <OctetString Value="0100011800FF" /> <Integer Value="02" /> </Structure> </Data>	PASSED
(43) .threshold_normal <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(44) .threshold_emergency <Data> <DoubleLongUnsigned Value="00000000" /> </Data>	PASSED
(45) .min_over_threshold_duration <Data> <DoubleLongUnsigned Value="000000B4" /> </Data>	PASSED
(46) .min_under_threshold_duration <Data> <DoubleLongUnsigned Value="000000B4" /> </Data>	PASSED
(47) .emergency_profile <Data> <Structure Qty="0003" > <LongUnsigned Value="0001" /> <OctetString Value="FFFFFFFFFFFFFFFF8000FF" /> <DoubleLongUnsigned Value="00000258" /> </Structure> </Data>	PASSED
(48) .emergency_profile_group_id_list <Data> <Array Qty="0004" > <LongUnsigned Value="0000" /> <LongUnsigned Value="0000" /> <LongUnsigned Value="0000" /> <LongUnsigned Value="0000" /> </Array> </Data>	PASSED
(49) .actions Optional access right not available	INAPPLICABLE
Mngmt Set Supervision monitor 1 - Fuse supervision L1 1-0:31.4.0.255 (@238)	
(50) .thresholds <Data> <Array Qty="0001" >	PASSED

```

        <DoubleLongUnsigned Value="00000000" />
    </Array>
</Data>
(51) .monitored_value PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0005" />
            <OctetString Value="01001F0400FF" />
            <Integer Value="02" />
        </Structure>
    </Data>
(52) .actions PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <Structure Qty="0002" >
                    <OctetString Value="00000A006AFF" />
                    <LongUnsigned Value="0001" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="00000A006AFF" />
                    <LongUnsigned Value="0002" />
                </Structure>
            </Structure>
        </Array>
    </Data>

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="00000000" />
    </Data>

Mngmt Set Alarm Filter 1 0-0:97.98.10.255 (@265)
(61) .value PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>

Mngmt Set Alarm Descriptor 1 0-0:97.98.20.255 (@269)
(62) .value PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </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="00000000" />
  </Data>

Mngmt Set Alarm Filter 2 0-0:97.98.11.255 (@283)
(65) .value PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>

Mngmt Set Alarm Descriptor 2 0-0:97.98.21.255 (@287)
(66) .value PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </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 INAPPLICABLE
  Optional access right not available

Mngmt Set Fraud Detection Log 0-0:99.98.1.255 (@316)
(69) .capture_objects INAPPLICABLE
  Optional access right not available

Mngmt Set Communication Log 0-0:99.98.5.255 (@331)
(70) .capture_objects INAPPLICABLE
  Optional access right not available

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

(71) .value	PASSED
<Data>	
<OctetString Value="\ConsumerMessageCode" />	
</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	INAPPLICABLE
Optional access right not available	
(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="FFFFFFF" />	
<OctetString Value="FFFFFFFF" />	
</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	INAPPLICABLE
Optional object is not implemented	
(105) .number_of_periods	INAPPLICABLE
Optional object is not implemented	
Mngmt Set Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255 (@840)	
(106) .period	INAPPLICABLE
Optional object is not implemented	
(107) .number_of_periods	INAPPLICABLE
Optional object is not implemented	
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="0100010803FF" />
      </Structure>
    </Array>
  </Data>

```

```

        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010804FF" />
        <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>

Mngmt Set Power Failure Event Log 1-0:99.97.0.255 (@1325)
(121) .capture_objects INAPPLICABLE
    Optional access right not available

Mngmt Set Power Quality Log 0-0:99.98.4.255 (@1340)
(122) .capture_objects INAPPLICABLE

```

```
Optional access right not available

Mngmt Set Sliding Average current L1 (for fuse supervision) 1-0:31.4.0.255 (@1369)
(123) .number_of_periods PASSED
      <Data>
      <LongUnsigned Value="005A" />
      </Data>

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 PASSED
      <Data>
      <LongUnsigned Value="000F" />
      </Data>

Mngmt Set Average Net Power (|+A|-|-A|) 1-0:16.24.0.255 (@1511)
(127) .number_of_periods INAPPLICABLE
      Optional object is not implemented

Mngmt Set Average Total Power (|+A|+|-A|) 1-0:15.24.0.255 (@1524)
(128) .number_of_periods PASSED
      <Data>
      <LongUnsigned Value="000F" />
      </Data>

Mngmt Set Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)
(129) .value INAPPLICABLE
      Optional object is not implemented

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 Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Value channel 4, instance 4 0-4:24.2.4.255 (@1782) (161) .scaler_unit Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790) (162) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794) (163) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798) (164) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802) (165) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806) (166) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810) (167) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814) (168) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818) (169) .value Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838) (170) .capture_objects Object is not required according to OM and/or extensions (171) .capture_period Object is not required according to OM and/or extensions	INAPPLICABLE INAPPLICABLE
Mngmt Set M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849) (172) .capture_objects Object is not required according to OM and/or extensions (173) .capture_period Object is not required according to OM and/or extensions	INAPPLICABLE INAPPLICABLE
Mngmt Set M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860) (174) .capture_objects Object is not required according to OM and/or extensions (175) .capture_period Object is not required according to OM and/or extensions	INAPPLICABLE INAPPLICABLE
Mngmt Set M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871) (176) .capture_objects Object is not required according to OM and/or extensions (177) .capture_period Object is not required according to OM and/or extensions	INAPPLICABLE INAPPLICABLE
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 Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898) (180) .control_mode Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906) (181) .control_mode Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914) (182) .executed_script Object is not required according to OM and/or extensions	INAPPLICABLE
(183) .type Object is not required according to OM and/or extensions	INAPPLICABLE
(184) .execution_time Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941) (185) .capture_objects Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952) (186) .capture_objects Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963) (187) .capture_objects Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974) (188) .capture_objects Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set M-Bus Event Log 0-0:99.98.3.255 (@1989) (189) .capture_objects Object is not required according to OM and/or extensions	INAPPLICABLE
Mngmt Set IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001) (190) .default_mode Optional object is not implemented	INAPPLICABLE
(191) .default_baud Optional object is not implemented	INAPPLICABLE
(192) .prop_baud Optional object is not implemented	INAPPLICABLE
(193) .response_time Optional object is not implemented	INAPPLICABLE
(194) .device_addr Optional object is not implemented	INAPPLICABLE
(195) .pass_p1 Optional object is not implemented	INAPPLICABLE
(196) .pass_p2 Optional object is not implemented	INAPPLICABLE
(197) .pass_p3 Optional object is not implemented	INAPPLICABLE
Mngmt Set IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012) (198) .comm_speed <Data> <Enum Value="05" /> </Data>	PASSED
(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="0103" />	
	</Data>	
(202)	.max_info_field_lenght_receive	PASSED
	<Data>	
	<LongUnsigned Value="0103" />	
	</Data>	
(203)	.inter_octet_time_out	PASSED
	<Data>	
	<LongUnsigned Value="0096" />	
	</Data>	
(204)	.inactivity_time_out	PASSED
	<Data>	
	<LongUnsigned Value="00B4" />	
	</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="FE800000000000000781D00FFFE000001" />	
</Array>	
</Data>	
(222) .multicast_IPv6_addresses	PASSED
<Data>	
<Array Qty="0001" >	
<OctetString Value="FF020000000000000000000000000001" />	
</Array>	
</Data>	
(223) .gateway_IPv6_address	PASSED
<Data>	
<Array Qty="0001" >	
<OctetString Value="FE800000000000000781D00FFFE000000" />	
</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="000A" />	
<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>	


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(233) .send_destination_and_method PASSED
      <Data>
        <Structure Qty="0003" >
          <Enum Value="00" />
          <OctetString Value="\193.173.237.99:4059" />
          <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="001E" />
      </Data>

Mngmt Set Push setup - Interval_2 0-2:25.9.0.255 (@2079)
(238) .push_object_list PASSED
      <Data>
        <Array Qty="0000" >
        </Array>
      </Data>
(239) .send_destination_and_method PASSED
      <Data>
        <Structure Qty="0003" >
          <Enum Value="00" />
          <OctetString Value="\0.0.0.0:00" />
          <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="00" />
      </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="0000" >
        </Array>
      </Data>
(245) .send_destination_and_method PASSED
      <Data>
```

```

        <Structure Qty="0003" >
          <Enum Value="00" />
          <OctetString Value="\0.0.0.0:00" />
          <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="00" />
      </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="0002" >
          <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>
        </Array>
      </Data>
(251) .send_destination_and_method PASSED
      <Data>
        <Structure Qty="0003" >
          <Enum Value="00" />
          <OctetString Value="\0.0.0.0:00" />
          <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="00" />
      </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="0000" >
    </Array>
  </Data>
(257) .send_destination_and_method PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="00" />
      <OctetString Value="\0.0.0.0:00" />
      <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="00" />
  </Data>
(261) .repetition_delay PASSED
  <Data>
    <LongUnsigned Value="001E" />
  </Data>

Mngmt Set Push setup - On Installation 0-7:25.9.0.255 (@2119)
(262) .push_object_list PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(263) .send_destination_and_method PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="00" />
      <OctetString Value="\0.0.0.0:00" />
      <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="00" />
  </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 Optional object is not implemented	INAPPLICABLE
(269) .send_destination_and_method Optional object is not implemented	INAPPLICABLE
(270) .communication_window Optional object is not implemented	INAPPLICABLE
(271) .randomisation_start_interval Optional object is not implemented	INAPPLICABLE
(272) .number_of_retries Optional object is not implemented	INAPPLICABLE
(273) .repetition_delay Optional object is not implemented	INAPPLICABLE
Mngmt Set Push script table 0-0:10.0.108.255 (@2139)	
(274) .scripts Optional access right not available	INAPPLICABLE
Mngmt Set Push action scheduler - Interval_1 0-1:15.0.4.255 (@2144)	
(275) .executed_script Optional access right not available	INAPPLICABLE
(276) .type Optional access right not available	INAPPLICABLE
(277) .execution_time	PASSED
<Data>	
<Array Qty="0001" >	
<Structure Qty="0002" >	
<OctetString Value="FFFFFFFF" />	
<OctetString Value="FFFFFFFF" />	
</Structure>	
</Array>	
</Data>	
Mngmt Set Push action scheduler - Interval_2 0-2:15.0.4.255 (@2150)	
(278) .executed_script Optional access right not available	INAPPLICABLE
(279) .type Optional access right not available	INAPPLICABLE
(280) .execution_time	PASSED
<Data>	
<Array Qty="0001" >	
<Structure Qty="0002" >	
<OctetString Value="FFFFFFFF" />	
<OctetString Value="FFFFFFFF" />	
</Structure>	
</Array>	
</Data>	
Mngmt Set Push action scheduler - Interval_3 0-3:15.0.4.255 (@2156)	
(281) .executed_script Optional access right not available	INAPPLICABLE
(282) .type Optional access right not available	INAPPLICABLE
(283) .execution_time	PASSED
<Data>	
<Array Qty="0001" >	
<Structure Qty="0002" >	
<OctetString Value="FFFFFFFF" />	
<OctetString Value="FFFFFFFF" />	
</Structure>	
</Array>	
</Data>	
Mngmt Set Auto connect 0-0:2.1.0.255 (@2163)	
(284) .mode	PASSED
<Data>	


```

    </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="003C" />
          <Unsigned Value="00" />
        </Structure>
      </Array>
    </Data>

```

```

        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="0A" />
        <Unsigned Value="04" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="1E" />
        <LongUnsigned Value="000A" />
        <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="07E2041E010E183000FF8880" />
    </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_4E2E" />
  </Data>
(10) .season_profile_passive PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0003" >
        <OctetString Value="" />
        <OctetString Value="FFFF0101FF00000008000FF" />
        <OctetString Value="01" />
      </Structure>
    </Array>
  </Data>
(11) .week_profile_table_passive 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>
(12) .day_profile_table_passive 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>
(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="08330616FF" />
      <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="\R1" />
      <Array Qty="000A" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R2" />
      <Array Qty="000A" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R3" />
      <Array Qty="000A" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\R4" />
    </Structure>
  </Array>
</Data>
```

```

    <Array Qty="000A" >
      <Unsigned Value="04" />
      <Unsigned Value="08" />
      <Unsigned Value="0C" />
      <Unsigned Value="10" />
      <Unsigned Value="14" />
      <Unsigned Value="18" />
      <Unsigned Value="1C" />
      <Unsigned Value="20" />
      <Unsigned Value="24" />
      <Unsigned Value="28" />
    </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="\R1" />
        <Array Qty="0005" >
          <Unsigned Value="01" />
          <Unsigned Value="05" />
          <Unsigned Value="09" />
          <Unsigned Value="0D" />
          <Unsigned Value="11" />
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\R2" />
        <Array Qty="0005" >
          <Unsigned Value="02" />
          <Unsigned Value="06" />
          <Unsigned Value="0A" />
          <Unsigned Value="0E" />
          <Unsigned Value="12" />
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\R3" />
        <Array Qty="0005" >
          <Unsigned Value="03" />
          <Unsigned Value="07" />
          <Unsigned Value="0B" />
          <Unsigned Value="0F" />
          <Unsigned Value="13" />
        </Array>
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\R4" />
        <Array Qty="0005" >
          <Unsigned Value="04" />
          <Unsigned Value="08" />
          <Unsigned Value="0C" />
          <Unsigned Value="10" />
          <Unsigned Value="14" />
        </Array>
      </Structure>
    </Array>
  </Data>

```

Pre Set Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)

```
(19) .value                                     PASSED
    <Data>
      <OctetString Value="\ConsumerMessageCode" />
    </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 INAPPLICABLE
    Optional object is not implemented

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="0103" />
    </Data>
(56) .max_info_field_lenght_receive PASSED
    <Data>
    <LongUnsigned Value="0103" />
    </Data>
(57) .inter_octet_time_out PASSED
    <Data>
    <LongUnsigned Value="0096" />
    </Data>
(58) .inactivity_time_out PASSED
    <Data>
    <LongUnsigned Value="00B4" />
    </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_F1A6"

*****
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: 10-APR-2018 23:59:00, latest date: 14-APR-2018 23:59:00
    Middle date: 12-APR-2018 23:59:00

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(2) .buffer                                          PASSED
    Earliest date: 30-MAR-2018 00:59:38, latest date: 30-APR-2018 13:37:58
    Middle date: 30-APR-2018 10:22:27

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(3) .buffer                                          PASSED
    Earliest date: 10-APR-2018 20:55:10, latest date: 30-APR-2018 14:32:10
    Middle date: 30-APR-2018 14:25:20

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
(4) .buffer                                          PASSED
    Earliest date: 30-MAR-2018 01:00:02, latest date: 30-APR-2018 10:29:03
    Middle date: 01-APR-2018 01:07:48

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)
(5) .buffer                                          PASSED
    Earliest date: 10-APR-2018 20:55:11, latest date: 30-APR-2018 14:16:58
    Middle date: 13-APR-2018 00:01:06

Mngmt Get Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255 (@1146)
(6) .buffer                                          PASSED
    Earliest date: 10-APR-2018 21:00:00, latest date: 30-APR-2018 14:30:00
    Middle date: 13-APR-2018 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: 11-APR-2018 00:00:00, latest date: 16-APR-2018 00:00:00
    Middle date: 14-APR-2018 00:00:00

Mngmt Get Power Failure Event Log 1-0:99.97.0.255 (@1325)
(8) .buffer                                          PASSED
    Earliest date: 30-MAR-2018 01:04:22, latest date: 30-APR-2018 13:21:51
    Middle date: 03-APR-2018 01:08:52

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(9) .buffer                                          PASSED
    Earliest date: 29-MAR-2018 18:00:56, latest date: 03-APR-2018 01:14:46
    Middle date: 01-APR-2018 01:08:17

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
Object is not required according to OM and/or extensions
INAPPLICABLE

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(14) .buffer
Object is not required according to OM and/or extensions
INAPPLICABLE

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(15) .buffer
Object is not required according to OM and/or extensions
INAPPLICABLE

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(16) .buffer
Object is not required according to OM and/or extensions
INAPPLICABLE

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(17) .buffer
Object is not required according to OM and/or extensions
INAPPLICABLE

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)
(18) .buffer
Object is not required according to OM and/or extensions
INAPPLICABLE

*****
Test Case 9 : Multiple references, 4 item(s)
*****
(1) Public, logical names
Public client does not support MULTIPLE_REFERENCES
INAPPLICABLE
(2) Mngmt, logical names
Reading 16 attributes
PASSED
  <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="00000A006CFF" />
    </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>
  </Result>

```

```

</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
 Reading 9 attributes

PASSED

```

<Result Qty="0009" >
  <Data>
    <OctetString Value="0000290000FF" />
  </Data>
  <Data>
    <Enum Value="00" />
  </Data>
  <Data>
    <Long Value="FFC4" />
  </Data>
  <Data>
    <OctetString Value="\R1" />
  </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="0000000B" />
  </Data>
  <Data>
    <DoubleLongUnsigned Value="00000064" />
  </Data>
  <Data>
    <LongUnsigned Value="0001" />
  </Data>
</Result>

```

(4) Mngmt, long attributes (block transfer)
 Reading 3 attributes

PASSED

```

  <Data Qty="0003" >
    <Data>
      <OctetString
Value="\KSVBCBAXFCWECADNLFWPZADQKGALUEFRTAYVKGNQIXRDP1PKFQEWVJWLSXFPOJETAHHJVQPAOGKLSBLYMJGEBCKJ
NMPMSSTTYKMPJJI DZQBTUXURYKQHDZMURXKCYHQLBDQVWLJBACRNLWKTTHOMJYWWAUEHBBYTKRCNEYATDTGPKDMXFWDQSR
TUVYZNWZVALEMASDKWVAVSMCTWEGUDHXJJOSPECNZCTTVPMDWMDMLURXWERSYGNXZFNGPPZJIKQLHRNHHSKSHYELFOHCJMJ
YTDVWGLRLHLJUAWETIKYEXVVHJLANTNIKFWQRTKAMARZVRUVWHEAHYOFSEFWGHCOFIYXPGSXRTPIGEUITQOZXSOAYPRMMHIGO
GZBKQIFAKFPYLKJJPJSJUMUGQXWDTNJRSPYOZPKGKYBXUZTNNHQGGQARFRSCFUGEYARSACLIVZJYFYAQQVVPVFCVXKGNTDVVLIV
DFKXNPMWFMZYVETFIIFVTPI" />
    </Data>
  </Data>

```



```

<OctetString
Value="\KSVBCBAXFCWECADNLFWPZADQKALUEFRTAYVKGNIIXRDPiPKFQEWVJWLSXFPOJETAHHJVQPAOGKLSBLYMJGEBCKJ
NMPMSSTTXKMPJJIDZQBTUXURYKQHDBZMURXKCYHQLBDQVWLJBACRNLWKTHOMJYVWAUEHBBYTKRCNEYATDTGOPKDMXFWDQSQR
TUVYZNWZVALEMASDKWAVSMCTWEGUDHXJ JOSPECNZCTVPMDDMMMLURXWERSYGNXZFNQPPZJIKQLHRNHHS AKSHYELFOHCJMJ
YTDVWGLRLHLJLUAWETIKYEXVVHJLAN TNIKFWQRTKAMARZVRUVWHEAHYOF SFWGHCOFIYXPGSXRTP IGEUITQOZXSOAYPRMMHIGO
GZBKQIFAKFPYLJKJPJSJMUGQXWDITNJRSPYOZPKGKYBXUZTNMHQQGQARFRSCFUGEYARSACL VZJYFYAQVVP SFCVXKGN TDVV LIV
DFKXNPMWFMZYVETFIIFVTPI" />
</Data>
<Data>
<OctetString
Value="\KSVBCBAXFCWECADNLFWPZADQKALUEFRTAYVKGNIIXRDPiPKFQEWVJWLSXFPOJETAHHJVQPAOGKLSBLYMJGEBCKJ
NMPMSSTTXKMPJJIDZQBTUXURYKQHDBZMURXKCYHQLBDQVWLJBACRNLWKTHOMJYVWAUEHBBYTKRCNEYATDTGOPKDMXFWDQSQR
TUVYZNWZVALEMASDKWAVSMCTWEGUDHXJ JOSPECNZCTVPMDDMMMLURXWERSYGNXZFNQPPZJIKQLHRNHHS AKSHYELFOHCJMJ
YTDVWGLRLHLJLUAWETIKYEXVVHJLAN TNIKFWQRTKAMARZVRUVWHEAHYOF SFWGHCOFIYXPGSXRTP IGEUITQOZXSOAYPRMMHIGO
GZBKQIFAKFPYLJKJPJSJMUGQXWDITNJRSPYOZPKGKYBXUZTNMHQQGQARFRSCFUGEYARSACL VZJYFYAQVVP SFCVXKGN TDVV LIV
DFKXNPMWFMZYVETFIIFVTPI" />
</Data>
</_Data>

```

```

*****
Test Case 10 : Disconnect controls, 3 item(s)
*****
(1) Disconnect control                                     PASSED
    Disconnect in control mode 0
    Test control mode 1
    Test control mode 2
    Test control mode 3
    Test control mode 4
    Test control mode 5
    Test control mode 6
(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): "R1,R2,R3,R4,R1"
    Register activation - Energy (mask names): "R1,R2,R3,R4"
    Tariffication script table (parameters 2): "R1,R2,R3,R4,R1"
    Register activation - Maximum Demand (mask names): "R1,R2,R3,R4"
    calendar_name_passive name: TOU_5BE0
    activate_passive_calendar_time: 30-APR-2018 14:30:07
    activate_passive_calendar_time: 30-APR-2018 12:00:41
(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: "LYE1020112345678"

*****
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_A057 using +A, -E	
Pre set calendar_name_passive to CNP_7A6B using +A, -E tweaked A	
Mngmt get calendar_name_passive using +A, -E, expect "CNP_A057"	
Mngmt set calendar_name_passive to CNP_7A6B using +A, -E tweaked A	
Mngmt get calendar_name_passive using +A, -E, expect "CNP_A057"	
Mngmt set security_policy attribute to 0	
(2) Activate 2	PASSED
Pre set calendar_name_passive to CNP_54B6 using -A, +E	
Pre set calendar_name_passive to CNP_E958 using -A, +E tweaked E	
Mngmt get calendar_name_passive using -A, +E, expect "CNP_54B6"	
Mngmt set calendar_name_passive to CNP_E958 using -A, +E tweaked E	
Mngmt get calendar_name_passive using -A, +E, expect "CNP_54B6"	
Mngmt set security_policy attribute to 0	
(3) Activate 3	PASSED
Pre set calendar_name_passive to CNP_42EC using +A, +E	
Pre set calendar_name_passive to CNP_2446 using +A, +E tweaked A	
Mngmt get calendar_name_passive using +A, +E, expect "CNP_42EC"	
Mngmt set calendar_name_passive to CNP_2446 using +A, +E tweaked A	
Mngmt get calendar_name_passive using +A, +E, expect "CNP_42EC"	
Pre set calendar_name_passive to CNP_D972 using +A, +E tweaked E	
Mngmt get calendar_name_passive using +A, +E, expect "CNP_42EC"	
Mngmt set calendar_name_passive to CNP_D972 using +A, +E tweaked E	
Mngmt get calendar_name_passive using +A, +E, expect "CNP_42EC"	
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: 128
(2) Full PASSED
    Block size: 128
    ImageSize: 70106, Blocks: 548, Last block size: 90
    image_to_activate_info:
      <Data>
        <Array Qty="0001" >
          <Structure Qty="0003" >
            <DoubleLongUnsigned Value="000111DA" />
            <OctetString
Value="42445F48353032335F56303030315F32303138303132332E62696E41414137000000000000" />
            <OctetString Value="AAA7" />
          </Structure>
        </Array>
      </Data>
(3) Full delayed PASSED
    Block size: 128
    ImageSize: 70106, Blocks: 548, Last block size: 90
    image_to_activate_info:
      <Data>
        <Array Qty="0001" >
          <Structure Qty="0003" >
            <DoubleLongUnsigned Value="000111DA" />
```

```
                <OctetString
Value="42445F48353032335F56303030315F32303138303132332E62696E41414137000000000000" />
                <OctetString Value="AAA7" />
            </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 LINYANG GPRS *

//*****

// Conformance Test Information (CTI) Template

// 2.2

// Mandatory 'Manufacturer' structure

// *****

```
Manufacturer = {
    Name = '\Jiangsu Linyang Energy Co.,Ltd'
    ThreeLettersId = '\LYE'
}
```

```
DeviceUnderTest = {
    Type = '\SM150'
    IDISDeviceType = 102
    IDISFunctionType = [Extension_D]
    SerialNr = 12345678
    IPVersion = IPv6
    DataLinkLayer = G3
    ConsumerInformationPush = FALSE
    // EUI64Address (mandatory for G3-PLC profile)
    EUI64Address = "0080E1FFFE4CAC87"
}
```

```
TestOptions = {
    DUTTelNr = '\+31658021896'
    DUTIPAddress = "\5.172.221.18"
}
```

// Mandatory 'ObjectMode' structure

```
// *****
// It defines the variant of the object model that the iCTT uses for testing.

ObjectModel = {
  OptionalObjects = '\

  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 = {
    // 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="000102030405060708090A0B0C0D0E0F" />'
+      </Structure>'
+      </Array>'
+      </Data>'
    }
  }
}

TestParameters = {
  ConnectDisconnectDelay = 6000
  //ClientSystemTitle = '4C475A1169000000'
  ClientSystemTitle = '58585A0102030405'

  ImageTransfer = {
    ImageIdentifier = '42445f48353032335f56303030315f323031383031323332e62696e41414137'
    ImageFileName = '\BD_H5023_V0001_20180123.binAAA7' //the image file to be located in the CTI
is!
    Timeout = 300000 //in milliseconds
  }

  PushTimeout = 180000
  MinInterWPDUFramesDelay = 3000
  ProfilePeriodsQty = 10
  CaptureDelay = 15000
  ClipCallDuration = 15000

  AutoConnect = {
    Repetitions = 2
    RepetitionDelay = 30
  }

  PushSetup = {
    NumberOfRetries = 4
  }
}
```

```
    RepetitionDelay = 30
  }

  WakeUpDelay = 30000
  DisconnectToSendSMSDelay = 60000
  DataNotificationToDisconnectDelay = 4000
}

RemoteSecurityElements = {

  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }

  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\12345678'
  }

  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION//NO_SECURITY //AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 220
    CipheringStyle = GENERAL
  }
}

SMSSecurityElements = {
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION//NO_SECURITY //AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePDUSize = 138
    CipheringStyle = GENERAL
  }
}

LocalSecurityElements = {
  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }

  Management = {
    ContextName = LONG_NAMES
    MechanismName = LOW_LEVEL_SECURITY
    Policy = NO_SECURITY
    Password = '\12345678'
  }

  PreEstablished = {
    Policy = NO_SECURITY
    ServerMaxReceivePduSize = 0x05DC
    CipheringStyle = service
  }
}

// Parameters of the ''Local'' HDLC Profile
HDLCProfile = {
```

```
PhysicalLayer = {
  OpeningMode = DIRECT_HDLC
  HdLcBaud = 9600
}

DataLinkLayer = {
  InactivityTimeout = 180000
  InterFrameTimeout = 25
  ResponseTimeout = 10000
  DISCToNDMTimeout = 10000
  AddressingSchemes = [ONE_BYTE_ADDRESSING]
}

// (Optional) Delay (ms) after sending an UI frame, default 0
UIFrameDelay = 200
// (optional) UI frames info field length, default 128
UIFrameLength = 126
}

TCPProfile = {
  ServerTCPPort = 4059
  ResponseTimeout = 120000
  ConnectTimeout = 120000
  DisconnectToConnectDelay = 60000
}

// Mandatory parameters of the 'Remote' G3-PLC profile
G3PLCProfile = {
  ResponseTimeout = 20000
  UDPPort = 61616
  PSK = "AB10341145111BC3C12DE8FF11142204"
}

// END CTI_Template

*****
* Miscellaneous *
*****

TestMode:          G3-PLC
Test Plan Signature: A46C9F4C6C407A1AE595D8394F5BD244
Object Model:      IDIS-S02-002 - object model Pack2 Ed2.0 - V2.28 (20170428).xlsx
DUT system title:  4C59456610BC614E
Run number:        279
```