

```
*****
IDIS Conformance test report
29-OCT-2019 10:34:52
iCTT2 Package 2, Edition 2.0, Revision 1 (134)
Licensed to: KEMA-IDIS Cert.
Tester: Bas Roelofsen
*****
```

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

```
Manufacturer = {
  Name = '\Elster Solutions GmbH'
  ThreeLettersId = '\ELS'
}
DeviceUnderTest = {
  Type = '\AS3000 with AM540 PLC Communication Module'
  IDISDeviceType = 103
  IDISFunctionType = [EXTENSION_D, EXTENSION_L, EXTENSION_M]
  SerialNr = 20205013
  IPVersion = IPV6
  DataLinkLayer = G3
  ConsumerInformationPush = TRUE
  EUI64Address = '020000FFFE000000'
}
```

```
Active firmware identifier (1-0:0.2.0.255) = 563033413034002E3030
Active firmware identifier 1 (1-1:0.2.0.255) = \AM54006.01.02.01
Active firmware identifier 2 (1-2:0.2.0.255) = \V070807.06
```

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

```
PASSED                270
FAILED                0
DISABLED              0
INAPPLICABLE         3
INCONCLUSIVE         0
FATAL                0
TOTAL                273
```

```
*****
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 : Read Device IDs, 12 item(s)

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

(1) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000600100FF" />  
</Data>
```

(2) .value

PASSED

```
<Data>  
  <OctetString Value="\20205013" />  
</Data>
```

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

(3) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000600101FF" />  
</Data>
```

(4) .value

PASSED

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

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

(5) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000600102FF" />  
</Data>
```

(6) .value

PASSED

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

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

(7) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000600103FF" />  
</Data>
```

(8) .value

PASSED

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

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

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

(10) .value
PASSED
 <Data>
 <OctetString Value="" />
 </Data>

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

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

(12) .value
PASSED
 <Data>
 <OctetString Value="" />
 </Data>

Test Case 3 : Read COSEM Logical Device Name, 2 item(s)

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

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

(2) .value
PASSED
 <Data>
 <OctetString Value="\ELS1030720205013" />
 </Data>

Test Case 4 : Read SAP Assignment, 2 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="\ELS1030720205013" />
    </Structure>
</Array>
</Data>
```

Test Case 5 : Read Active FW Version, 12 item(s)

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

(1) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100000200FF" />
    </Data>
```

(2) .value

PASSED

```
    <Data>
        <OctetString Value="563033413034002E3030" />
    </Data>
```

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

(3) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100000208FF" />
    </Data>
```

(4) .value

PASSED

```
    <Data>
        <OctetString Value="F129" />
    </Data>
```

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

(5) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0101000200FF" />
    </Data>
```

(6) .value

PASSED

```
    <Data>
        <OctetString Value="\AM54006.01.02.01" />
    </Data>
```

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

(7) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0101000208FF" />
    </Data>
```

(8) .value

PASSED

```
<Data>
  <OctetString Value="4B4106D5" />
</Data>
```

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

PASSED

```
<Data>
  <OctetString Value="0102000200FF" />
</Data>
```

(10) .value

PASSED

```
<Data>
  <OctetString Value="\V070807.06" />
</Data>
```

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

PASSED

```
<Data>
  <OctetString Value="0102000208FF" />
</Data>
```

(12) .value

PASSED

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

```
*****
Test Case 6 : Set Clock, 1 item(s)
*****
```

Pre Set Clock 0-0:1.0.0.255 (@75)

(1) .time

PASSED

```
<Data>
  <OctetString Value="07E30A1D020B0000FF8000FF" />
</Data>
```

```
*****
Test Case 7 : Get Clock, 1 item(s)
*****
```

Mngmt Get Clock 0-0:1.0.0.255 (@75)

(1) .time

PASSED

```
<Data>
  <OctetString Value="07E30A1D020B000100FFC400" />
</Data>
```

```
*****
Test Case 8 : Set Special Days, 1 item(s)
*****
```

Pre Set Special Days Table 0-0:11.0.0.255 (@125)
(1) .entries
PASSED

```
<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0108FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0109FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF010AFF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>
```

```
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
```

```
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0309FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF030AFF" />
    <Unsigned Value="02" />
  </Structure>
</Array>
</Data>
```

```
*****
Test Case 9 : Get Special Days, 1 item(s)
*****
```


Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)

(1) .entries

PASSED

```
<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0108FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0109FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF010AFF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>
```

```
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF0301FF" />
```

```
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0309FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF030AFF" />
    <Unsigned Value="02" />
  </Structure>
</Array>
</Data>
```

```
*****
Test Case 10 : Read Event Log Buffers, 20 item(s)
*****
```

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

(1) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000636202FF" />
</Data>
```

(2) .buffer

PASSED

Earliest date: 17-JAN-2018 08:22:25, latest date: 24-OCT-2019 12:25:29
Middle date: 17-JAN-2018 08:27:19

(3) .entries_in_use

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000032" />
</Data>
```

(4) .profile_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000032" />
</Data>
```

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

(5) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000636200FF" />
</Data>
```

(6) .buffer

PASSED

Earliest date: 17-JAN-2018 08:15:32, latest date: 29-OCT-2019 11:00:02
Middle date: 18-JAN-2018 07:47:31

(7) .entries_in_use

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000064" />
</Data>
```

(8) .profile_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000064" />
</Data>
```

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)

(9) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000636201FF" />
</Data>
```

(10) .buffer

PASSED

Earliest date: 17-JAN-2018 08:23:41, latest date: 11-OCT-2019 07:59:53
Middle date: 17-JAN-2018 08:35:33

(11) .entries_in_use

PASSED

```
    <Data>
      <DoubleLongUnsigned Value="0000001E" />
    </Data>
```

(12) .profile_entries

PASSED

```
    <Data>
      <DoubleLongUnsigned Value="0000001E" />
    </Data>
```

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

(13) .logical_name

PASSED

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

(14) .buffer

PASSED

Earliest date: 18-JAN-2018 07:48:20, latest date: 18-JAN-2018 08:47:56
Middle date: 18-JAN-2018 08:04:31

(15) .entries_in_use

PASSED

```
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>
```

(16) .profile_entries

PASSED

```
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>
```

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)

(17) .logical_name

PASSED

```
    <Data>
      <OctetString Value="0000636204FF" />
    </Data>
```

(18) .buffer

PASSED

Earliest date: 17-JAN-2018 08:55:51, latest date: 22-SEP-2019 00:10:00
Middle date: 07-JAN-2019 19:45:22

(19) .entries_in_use

PASSED

```
    <Data>
      <DoubleLongUnsigned Value="00000013" />
    </Data>
```

(20) .profile_entries

PASSED

```
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>
```

```
*****
Test Case 11 : Reading Data of Billing Period 1, 8 item(s)
*****
```

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)

(1) .logical_name

PASSED

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

(2) .buffer

PASSED

Earliest date: 02-FEB-2018 00:00:00, latest date: 02-NOV-2020 00:00:00

Middle date: 02-NOV-2019 00:00:00

(3) .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>
```

(4) .capture_period

PASSED

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

(5) .sort_method

PASSED

```
<Data>
  <Enum Value="01" />
</Data>
(6) .sort_object
PASSED
<Data>
  <Structure Qty="0004" >
    <LongUnsigned Value="0000" />
    <OctetString Value="000000000000" />
    <Integer Value="00" />
    <LongUnsigned Value="0000" />
  </Structure>
</Data>
(7) .entries_in_use
PASSED
<Data>
  <DoubleLongUnsigned Value="00000014" />
</Data>
(8) .profile_entries
PASSED
<Data>
  <DoubleLongUnsigned Value="00000054" />
</Data>
```

```
*****
Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s)
*****
```

```
Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)
(1) .logical_name
PASSED
<Data>
  <OctetString Value="0000180600FF" />
</Data>
(2) .comm_speed
PASSED
<Data>
  <Enum Value="03" />
</Data>

Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570)
(3) .logical_name
INAPPLICABLE
Optional object is not implemented
(4) .comm_speed
INAPPLICABLE
Optional object is not implemented

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(5) .logical_name
PASSED
<Data>
  <OctetString Value="0001180100FF" />
</Data>
```

```
(6) .mbus_port_reference
PASSED
  <Data>
    <OctetString Value="0000180600FF" />
  </Data>
(7) .capture_definition
PASSED
  <Data>
    <Array Qty="0004" >
      <Structure Qty="0002" >
        <OctetString Value="\L" />
        <OctetString Value="933A" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="8940" />
        <OctetString Value="FD1A" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="8940" />
        <OctetString Value="FD1A" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="\B" />
        <OctetString Value="\l" />
      </Structure>
    </Array>
  </Data>
(8) .capture_period
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000E10" />
  </Data>
(9) .primary_address
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(10) .identification_number
PASSED
  <Data>
    <DoubleLongUnsigned Value="00047BB1" />
  </Data>
(11) .manufacturer_id
PASSED
  <Data>
    <LongUnsigned Value="19AC" />
  </Data>
(12) .version
PASSED
  <Data>
    <Unsigned Value="02" />
  </Data>
(13) .device_type
PASSED
```



```

        <Data>
            <Unsigned Value="03" />
        </Data>
(14) .access_number
PASSED
        <Data>
            <Unsigned Value="2E" />
        </Data>
(15) .status
PASSED
        <Data>
            <Unsigned Value="00" />
        </Data>
(16) .alarm
PASSED
        <Data>
            <Unsigned Value="00" />
        </Data>

Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)
(17) .logical_name
PASSED
        <Data>
            <OctetString Value="0002180100FF" />
        </Data>
(18) .mbus_port_reference
PASSED
        <Data>
            <OctetString Value="0000180600FF" />
        </Data>
(19) .capture_definition
PASSED
        <Data>
            <Array Qty="0004" >
                <Structure Qty="0002" >
                    <OctetString Value="\L" />
                    <OctetString Value="933A" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="8940" />
                    <OctetString Value="FD1A" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="8940" />
                    <OctetString Value="FD1A" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="\B" />
                    <OctetString Value="\l" />
                </Structure>
            </Array>
        </Data>
(20) .capture_period
PASSED

```

```
        <Data>
          <DoubleLongUnsigned Value="00000E10" />
        </Data>
(21) .primary_address
PASSED
        <Data>
          <Unsigned Value="02" />
        </Data>
(22) .identification_number
PASSED
        <Data>
          <DoubleLongUnsigned Value="00047BB2" />
        </Data>
(23) .manufacturer_id
PASSED
        <Data>
          <LongUnsigned Value="19AC" />
        </Data>
(24) .version
PASSED
        <Data>
          <Unsigned Value="02" />
        </Data>
(25) .device_type
PASSED
        <Data>
          <Unsigned Value="03" />
        </Data>
(26) .access_number
PASSED
        <Data>
          <Unsigned Value="1B" />
        </Data>
(27) .status
PASSED
        <Data>
          <Unsigned Value="00" />
        </Data>
(28) .alarm
PASSED
        <Data>
          <Unsigned Value="00" />
        </Data>

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(29) .logical_name
PASSED
        <Data>
          <OctetString Value="0003180100FF" />
        </Data>
(30) .mbus_port_reference
PASSED
        <Data>
          <OctetString Value="0000180600FF" />
        </Data>
```

```
    </Data>
(31) .capture_definition
PASSED
    <Data>
      <Array Qty="0004" >
        <Structure Qty="0002" >
          <OctetString Value="\L" />
          <OctetString Value="933A" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="8940" />
          <OctetString Value="FD1A" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="8940" />
          <OctetString Value="FD1A" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="\B" />
          <OctetString Value="\l" />
        </Structure>
      </Array>
    </Data>
(32) .capture_period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000E10" />
    </Data>
(33) .primary_address
PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>
(34) .identification_number
PASSED
    <Data>
      <DoubleLongUnsigned Value="00047BB4" />
    </Data>
(35) .manufacturer_id
PASSED
    <Data>
      <LongUnsigned Value="19AC" />
    </Data>
(36) .version
PASSED
    <Data>
      <Unsigned Value="02" />
    </Data>
(37) .device_type
PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>
(38) .access_number
```

PASSED

```
<Data>
  <Unsigned Value="18" />
</Data>
```

(39) .status

PASSED

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

(40) .alarm

PASSED

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

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

(41) .logical_name

PASSED

```
<Data>
  <OctetString Value="0004180100FF" />
</Data>
```

(42) .mbus_port_reference

PASSED

```
<Data>
  <OctetString Value="0000180600FF" />
</Data>
```

(43) .capture_definition

PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\L" />
      <OctetString Value="933A" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="8940" />
      <OctetString Value="FD1A" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="8940" />
      <OctetString Value="FD1A" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\B" />
      <OctetString Value="\l" />
    </Structure>
  </Array>
</Data>
```

(44) .capture_period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>
```

(45) .primary_address

```

PASSED
  <Data>
    <Unsigned Value="04" />
  </Data>
(46) .identification_number
PASSED
  <Data>
    <DoubleLongUnsigned Value="00047BB3" />
  </Data>
(47) .manufacturer_id
PASSED
  <Data>
    <LongUnsigned Value="19AC" />
  </Data>
(48) .version
PASSED
  <Data>
    <Unsigned Value="02" />
  </Data>
(49) .device_type
PASSED
  <Data>
    <Unsigned Value="03" />
  </Data>
(50) .access_number
PASSED
  <Data>
    <Unsigned Value="4B" />
  </Data>
(51) .status
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(52) .alarm
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

```

```

*****
Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s)
*****

```

```

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(1) .logical_name
PASSED
  <Data>
    <OctetString Value="0001180201FF" />
  </Data>
(2) .value
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000DD2" />
  </Data>

```

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

```
    <Data>
      <Structure Qty="0002" >
        <Integer Value="FD" />
        <Enum Value="0D" />
      </Structure>
    </Data>
```

```
(4) .status
PASSED
```

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

```
(5) .capture_time
PASSED
```

```
    <Data>
      <OctetString Value="07E2011204082E1800FFC400" />
    </Data>
```

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

```
(6) .logical_name
PASSED
```

```
    <Data>
      <OctetString Value="0001180202FF" />
    </Data>
```

```
(7) .value
PASSED
```

```
    <Data>
      <DoubleLongUnsigned Value="00000001" />
    </Data>
```

```
(8) .scaler_unit
PASSED
```

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

```
(9) .status
PASSED
```

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

```
(10) .capture_time
PASSED
```

```
    <Data>
      <OctetString Value="07E2011204082E1800FFC400" />
    </Data>
```

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)

```
(11) .logical_name
PASSED
```

```
    <Data>
```

```
        <OctetString Value="0002180201FF" />
    </Data>
(12) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000A0C" />
    </Data>
(13) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="0D" />
        </Structure>
    </Data>
(14) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(15) .capture_time
PASSED
    <Data>
        <OctetString Value="07E2011204082E1C00FFC400" />
    </Data>

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)
(16) .logical_name
PASSED
    <Data>
        <OctetString Value="0002180202FF" />
    </Data>
(17) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </Data>
(18) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="FF" />
        </Structure>
    </Data>
(19) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(20) .capture_time
PASSED
    <Data>
        <OctetString Value="07E2011204082E1C00FFC400" />
```

</Data>

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)

(21) .logical_name

PASSED

<Data>

<OctetString Value="0003180201FF" />

</Data>

(22) .value

PASSED

<Data>

<DoubleLongUnsigned Value="00000D1B" />

</Data>

(23) .scaler_unit

PASSED

<Data>

<Structure Qty="0002" >

<Integer Value="FD" />

<Enum Value="0D" />

</Structure>

</Data>

(24) .status

PASSED

<Data>

<Unsigned Value="00" />

</Data>

(25) .capture_time

PASSED

<Data>

<OctetString Value="07E2011204082E2000FFC400" />

</Data>

Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)

(26) .logical_name

PASSED

<Data>

<OctetString Value="0003180202FF" />

</Data>

(27) .value

PASSED

<Data>

<DoubleLongUnsigned Value="00000001" />

</Data>

(28) .scaler_unit

PASSED

<Data>

<Structure Qty="0002" >

<Integer Value="00" />

<Enum Value="FF" />

</Structure>

</Data>

(29) .status

PASSED

<Data>


```
        <Unsigned Value="00" />
    </Data>
(30) .capture_time
PASSED
    <Data>
        <OctetString Value="07E2011204082E2000FFC400" />
    </Data>

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(31) .logical_name
PASSED
    <Data>
        <OctetString Value="0004180201FF" />
    </Data>
(32) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000985" />
    </Data>
(33) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="0D" />
        </Structure>
    </Data>
(34) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(35) .capture_time
PASSED
    <Data>
        <OctetString Value="07E2011204082E2600FFC400" />
    </Data>

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(36) .logical_name
PASSED
    <Data>
        <OctetString Value="0004180202FF" />
    </Data>
(37) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </Data>
(38) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
```

```
        <Enum Value="FF" />
    </Structure>
</Data>
(39) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(40) .capture_time
PASSED
    <Data>
        <OctetString Value="07E2011204082E2600FFC400" />
    </Data>
```

```
*****
Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)
*****
```

```
Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
(1) .logical_name
PASSED
    <Data>
        <OctetString Value="0001600100FF" />
    </Data>
(2) .value
PASSED
    <Data>
        <OctetString Value="\00000540029380911" />
    </Data>
```

```
Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(3) .logical_name
PASSED
    <Data>
        <OctetString Value="0002600100FF" />
    </Data>
(4) .value
PASSED
    <Data>
        <OctetString Value="\00000540029381011" />
    </Data>
```

```
Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(5) .logical_name
PASSED
    <Data>
        <OctetString Value="0003600100FF" />
    </Data>
(6) .value
PASSED
    <Data>
        <OctetString Value="\00000540029381211" />
    </Data>
```

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

(7) .logical_name

PASSED

```
<Data>
  <OctetString Value="0004600100FF" />
</Data>
```

(8) .value

PASSED

```
<Data>
  <OctetString Value="\00000540029381111" />
</Data>
```

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)

(9) .logical_name

PASSED

```
<Data>
  <OctetString Value="0001600101FF" />
</Data>
```

(10) .value

PASSED

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

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)

(11) .logical_name

PASSED

```
<Data>
  <OctetString Value="0002600101FF" />
</Data>
```

(12) .value

PASSED

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

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)

(13) .logical_name

PASSED

```
<Data>
  <OctetString Value="0003600101FF" />
</Data>
```

(14) .value

PASSED

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

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)

(15) .logical_name

PASSED

```
<Data>
  <OctetString Value="0004600101FF" />
</Data>
```

(16) .value
PASSED

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

Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s)

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

(1) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0001180300FF" />  
</Data>
```

(2) .buffer
PASSED

Earliest date: 17-JAN-2018 08:00:00, latest date: 25-OCT-2020 04:00:00
Middle date: 26-SEP-2019 03:00:00

(3) .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="0001600A03FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0001180201FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0001180202FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0001180203FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
  </Array>
```

```
        <Structure Qty="0004" >
          <LongUnsigned Value="0004" />
          <OctetString Value="0001180204FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
```

(4) .capture_period
PASSED

```
    <Data>
      <DoubleLongUnsigned Value="00000E10" />
    </Data>
```

(5) .sort_method
PASSED

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

(6) .sort_object
PASSED

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

(7) .entries_in_use
PASSED

```
    <Data>
      <DoubleLongUnsigned Value="000000F0" />
    </Data>
```

(8) .profile_entries
PASSED

```
    <Data>
      <DoubleLongUnsigned Value="000000F0" />
    </Data>
```

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

(9) .logical_name
PASSED

```
    <Data>
      <OctetString Value="0002180300FF" />
    </Data>
```

(10) .buffer
PASSED

Earliest date: 17-JAN-2018 08:00:00, latest date: 25-OCT-2020 04:00:00

Middle date: 26-SEP-2019 03:00:00

(11) .capture_objects
PASSED

```
    <Data>
      <Array Qty="0006" >
        <Structure Qty="0004" >
```

```
    <LongUnsigned Value="0008" />
    <OctetString Value="0000010000FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0001" />
  <OctetString Value="0002600A03FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180201FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180202FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180203FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0002180204FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
</Array>
</Data>
```

(12) .capture_period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>
```

(13) .sort_method

PASSED

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

(14) .sort_object

PASSED

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

```

        <LongUnsigned Value="0000" />
    </Structure>
</Data>
(15) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="000000F0" />
    </Data>
(16) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="000000F0" />
    </Data>

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(17) .logical_name
PASSED
    <Data>
        <OctetString Value="0003180300FF" />
    </Data>
(18) .buffer
PASSED
    Earliest date: 17-JAN-2018 08:00:00, latest date: 25-OCT-2020 04:00:00
    Middle date: 26-SEP-2019 03:00:00
(19) .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="0003600A03FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0003180201FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0003180202FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0004" />
            </Structure>
        </Array>
    </Data>

```

```
        <OctetString Value="0003180203FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0004" />
        <OctetString Value="0003180204FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
```

(20) .capture_period

PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000E10" />
</Data>
```

(21) .sort_method

PASSED

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

(22) .sort_object

PASSED

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

(23) .entries_in_use

PASSED

```
<Data>
    <DoubleLongUnsigned Value="000000F0" />
</Data>
```

(24) .profile_entries

PASSED

```
<Data>
    <DoubleLongUnsigned Value="000000F0" />
</Data>
```

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)

(25) .logical_name

PASSED

```
<Data>
    <OctetString Value="0004180300FF" />
</Data>
```

(26) .buffer

PASSED

Earliest date: 17-JAN-2018 08:00:00, latest date: 25-OCT-2020 04:00:00

Middle date: 26-SEP-2019 03:00:00

(27) .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="0004600A03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180201FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180202FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180203FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0004" />
      <OctetString Value="0004180204FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(28) .capture_period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000E10" />
</Data>
```

(29) .sort_method

PASSED

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

(30) .sort_object

PASSED

```
<Data>
```

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

(31) .entries_in_use
PASSED

```
      <Data>
        <DoubleLongUnsigned Value="000000F0" />
      </Data>
```

(32) .profile_entries
PASSED

```
      <Data>
        <DoubleLongUnsigned Value="000000F0" />
      </Data>
```

Test Case 16 : Ext. M - M-Bus Control Logs, 40 item(s)

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)

(1) .logical_name
PASSED

```
      <Data>
        <OctetString Value="0001180500FF" />
      </Data>
```

(2) .buffer
PASSED

Earliest date: 17-JAN-2018 08:55:55, latest date: 17-SEP-2019 09:02:00
Middle date: 17-SEP-2019 09:01:53

(3) .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="0001600B04FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
          </Structure>
        </Array>
      </Data>
```

(4) .capture_period
PASSED

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

```
</Data>
(5) .sort_method
PASSED
```

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

```
(6) .sort_object
PASSED
```

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

```
(7) .entries_in_use
PASSED
```

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

```
(8) .profile_entries
PASSED
```

```
<Data>
  <DoubleLongUnsigned Value="0000000A" />
</Data>
```

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)

```
(9) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="0002180500FF" />
</Data>
```

```
(10) .buffer
PASSED
```

```
Earliest date: 17-JAN-2018 08:55:55, latest date: 17-SEP-2019 09:02:25
Middle date: 17-SEP-2019 09:02:18
```

```
(11) .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="0002600B04FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
```

```
    </Data>
(12) .capture_period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
```

```
(13) .sort_method
PASSED
    <Data>
      <Enum Value="01" />
    </Data>
```

```
(14) .sort_object
PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0000" />
        <OctetString Value="000000000000" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
```

```
(15) .entries_in_use
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000006" />
    </Data>
```

```
(16) .profile_entries
PASSED
    <Data>
      <DoubleLongUnsigned Value="0000000A" />
    </Data>
```

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)

```
(17) .logical_name
PASSED
    <Data>
      <OctetString Value="0003180500FF" />
    </Data>
```

```
(18) .buffer
PASSED
    Earliest date: 17-JAN-2018 08:55:55, latest date: 17-SEP-2019 09:04:42
    Middle date: 17-SEP-2019 09:02:47
```

```
(19) .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" />
        </Structure>
      </Array>
    </Data>
```

```

        <OctetString Value="0003600B04FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(20) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(21) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(22) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(23) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000008" />
    </Data>
(24) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000A" />
    </Data>

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(25) .logical_name
PASSED
    <Data>
        <OctetString Value="0004180500FF" />
    </Data>
(26) .buffer
PASSED
    Earliest date: 17-JAN-2018 08:55:56, latest date: 17-SEP-2019 09:14:37
    Middle date: 17-SEP-2019 09:14:26
(27) .capture_objects
PASSED
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
            </Structure>
        </Array>
    </Data>

```

```
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0004600B04FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
```

(28) .capture_period
PASSED

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

(29) .sort_method
PASSED

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

(30) .sort_object
PASSED

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

(31) .entries_in_use
PASSED

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

(32) .profile_entries
PASSED

```
<Data>
    <DoubleLongUnsigned Value="0000000A" />
</Data>
```

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)

(33) .logical_name
PASSED

```
<Data>
    <OctetString Value="0000636203FF" />
</Data>
```

(34) .buffer
PASSED

Earliest date: 17-JAN-2018 08:16:48, latest date: 18-JAN-2018 08:50:28
Middle date: 18-JAN-2018 07:41:01

(35) .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="0000600B03FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(36) .capture_period
PASSED

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

(37) .sort_method
PASSED

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

(38) .sort_object
PASSED

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

(39) .entries_in_use
PASSED

```
<Data>
  <DoubleLongUnsigned Value="0000001E" />
</Data>
```

(40) .profile_entries
PASSED

```
<Data>
  <DoubleLongUnsigned Value="0000001E" />
</Data>
```

Test Case 17 : Ext. M - M-Bus Disconnect, 22 item(s)

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

```
    <Data>
      <OctetString Value="0001180400FF" />
    </Data>
```

(2) .output_state

PASSED

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

(3) .control_state

PASSED

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

(4) .control_mode

PASSED

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

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

(5) .logical_name

PASSED

```
    <Data>
      <OctetString Value="0002180400FF" />
    </Data>
```

(6) .output_state

PASSED

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

(7) .control_state

PASSED

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

(8) .control_mode

PASSED

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

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

(9) .logical_name

PASSED

```
    <Data>
      <OctetString Value="0003180400FF" />
    </Data>
```

(10) .output_state

PASSED

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

(11) .control_state

PASSED


```
    <Data>
      <Enum Value="00" />
    </Data>
(12) .control_mode
PASSED
    <Data>
      <Enum Value="02" />
    </Data>

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(13) .logical_name
PASSED
    <Data>
      <OctetString Value="0004180400FF" />
    </Data>
(14) .output_state
PASSED
    <Data>
      <Boolean Value="01" />
    </Data>
(15) .control_state
PASSED
    <Data>
      <Enum Value="00" />
    </Data>
(16) .control_mode
PASSED
    <Data>
      <Enum Value="02" />
    </Data>

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(17) .logical_name
PASSED
    <Data>
      <OctetString Value="00010F0001FF" />
    </Data>
(18) .executed_script
PASSED
    <Data>
      <Structure Qty="0002" >
        <OctetString Value="00010A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
    </Data>
(19) .type
PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(20) .execution_time
PASSED
    <Data>
      <Array Qty="0001" >
```

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

Mngmt Get M-Bus Disconnecter script table 0-1:10.0.106.255 (@1920)

(21) .logical_name

PASSED

```
<Data>
  <OctetString Value="00010A006AFF" />
</Data>
```

(22) .scripts

PASSED

```
<Data>
  <Array Qty="0010" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0001" />
      <Array Qty="0001" >
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0046" />
          <OctetString Value="0001180400FF" />
          <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="0001180400FF" />
          <Integer Value="03" />
          <Enum Value="01" />
        </Structure>
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <Array Qty="0001" >
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0046" />
          <OctetString Value="0002180400FF" />
          <Integer Value="03" />
          <Enum Value="02" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>
```

```
<LongUnsigned Value="0004" />
<Array Qty="0001" >
  <Structure Qty="0005" >
    <Enum Value="01" />
    <LongUnsigned Value="0046" />
    <OctetString Value="0002180400FF" />
    <Integer Value="03" />
    <Enum Value="01" />
  </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0005" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0003180400FF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0006" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0003180400FF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0007" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0008" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
    </Structure>
  </Array>
</Structure>
```

```
        <Integer Value="03" />
        <Enum Value="01" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0009" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0001180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000A" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0001180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000B" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="01" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="000C" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="0002180400FF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
```

```

<LongUnsigned Value="000D" />
<Array Qty="0001" >
  <Structure Qty="0005" >
    <Enum Value="02" />
    <LongUnsigned Value="0046" />
    <OctetString Value="0003180400FF" />
    <Integer Value="01" />
    <Integer Value="00" />
  </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000E" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0003180400FF" />
      <Integer Value="02" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="000F" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
      <Integer Value="01" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0010" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="0004180400FF" />
      <Integer Value="02" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
</Array>
</Data>

```

```

*****
Test Case 18 : FIT Push, 3 item(s)
*****

```

(1) Push on installation

PASSED
 (2) Push on alarm
PASSED
 (3) Push on power down
INAPPLICABLE
 Push setup on power down not available

Test Case 19 : FIT Miscellaneous, 4 item(s)

(1) Disconnecter Script Table
PASSED
 (2) Load profile with period 1 DST ambiguity
PASSED
 (3) Load profile power down withing one period
PASSED
 (4) Load profile power down over two periods
PASSED

* CTI *

// The CTI has a specified syntax but it's format is free
// Keep the leading '\' to denote a visible-string.

// Mandatory 'Manufacturer' structure
// *****
Manufacturer =
{
 Name = '\Elster Solutions GmbH'
 // The manufacturer's FLAG id is a part of the DUT system title
 ThreeLettersId = '\ELS'
}

// Mandatory 'DeviceUnderTest' structure
// *****
DeviceUnderTest =
{

// Type is any string that the manufactuer provides to identify the type the
name
 // or the model of the device
 Type = '\AS3000 with AM540 PLC Communication Module'

// IDISDeviceType is 102 or 103, it is part of the DUT system title
 IDISDeviceType = 103

// IDISFunctionType indicates the extension(s) supported by the DUT,
 // It is a set (possibly empty) of elements
 // Extension_D, Extension_L, Extension_M
 // Extensions are part of the system title
 IDISFunctionType = [Extension_D, Extension_L, Extension_M]

```

// The serial number of the DUT, is also part of its system title.
SerialNr = 20205013

// (Optional) IPVersion indicates what IP related objects of the OM are
tested: objects marked as M-I4 are
// tested when IPVersion = IPv4, the same holds for M-I6 and IPVersion = IPv6
IPVersion = IPv6 // one of IPv4, IPv6

// (Optional) DataLinkLayer indicates what DL related objects of the OM are
tested: objects marked as M-G are
// tested when DataLinkLayer = GPRS, the same holds for M-E and ETHERNET
DataLinkLayer = G3 // one of GPRS, ETHERNET

// (Optional) ConsumerInformationPush indicates that the related feature is
implemented. Objects maked as M-C are
// tested then the value is TRUE
ConsumerInformationPush = TRUE // or false

// EUI64Address (mandatory for G3-PLC profile)
EUI64Address = "020000FFFE000000"
}

// Optional ''TestOptions''
TestOptions =
{
// (Optional) When set, it overrides the DUT number specified in settings
DUTTe1Nr = '\+33619163902'

// (Optional) When set it overrides the DUT IP address specified in settings
//DUTIPAddress = "\10.86.10.04"
}

// Mandatory ''ObjectModel'' structure
// *****
// It defines the current values of the optional elements of the object model.
// These are the optional objects, the optional access rights of attributes
and/or
// methods. Also, default values for writing attributes can also be defined
here.

ObjectModel =
{

// When several objects have the same logical name but different class ids,
then
// the required class id must be appended to the logical name as follows:
// 0-3:24.3.0.255|3
// the class id is given in decimal and is separated from its logical name by
a vertical bar '|'
// By default, we assume no optional objects.
OptionalObjects = '\1-0:0.9.1.255, 1-0:0.9.2.255, 1-1:0.2.0.255,

```

```

1-1:0.2.8.255,' +
  '1-2:0.2.0.255, 1-2:0.2.8.255, 1-0:5.8.1.255, 1-0:5.8.2.255, 1-0:5.8.3.255,
1-0:5.8.4.255,' +
  '1-0:6.8.1.255, 1-0:6.8.2.255, 1-0:6.8.3.255, 1-0:6.8.4.255, 1-0:7.8.1.255,
1-0:7.8.2.255, 1-0:7.8.3.255, 1-0:7.8.4.255,' +
  '1-0:8.8.1.255, 1-0:8.8.2.255, 1-0:8.8.3.255, 1-0:8.8.4.255,' +
  '1-0:14.7.0.255, 1-0:9.7.0.255, 1-0:10.7.0.255, 1-0:13.7.0.255,' +
  '1-0:0.8.2.255,' + '0-2:96.3.10.255'

```

```

// An optional list of InstanceExtraInfo can be specified. Each
InstanceExtraInfo is used
// to specify optional elements of instances.

```

```

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 =
{
  // Each instance must be identified by its logical name (in hex or dotted
notation)...
  LogicalName = '0-0:44.0.0.255'
  // ... and by its class id.
  ClassId = 18

  // An optional Version
  // If Version is defined then, when cheking the object-list, the version
expected will be
  // this value and not the value of the OM.
  Version = 0

  // An optional list of AttributeExtraInfo can be specified
  AttributeExtraInfo =
  {
    // The attribute id identifies the attribute
    AttributeId = 2

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo =
{
  // Each instance must be identified by its logical name (in hex or dotted

```



```

notation)...
  LogicalName = '0-0:14.0.1.255'
  // ... and by its class id.
  ClassId = 6

  // An optional Version
  // If Version is defined then, when cheking the object-list, the version
expected will be
  // this value and not the value of the OM.
  Version = 0

  // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
  // The attribute id identifies the attribute
  AttributeId = 2

  // If an access right is specified as optional in the object model like
  // (Get) or (Set), then the effective access right must be specified as
  // a set (possibly empty) of elements GET, SET and ACTION
  //
  AccessRights = [GET,SET]
}
}

```

```

InstanceExtraInfo =
{
  // Each instance must be identified by its logical name (in hex or dotted
notation)...
  LogicalName = '0-0:14.0.2.255'
  // ... and by its class id.
  ClassId = 6

  // An optional Version
  // If Version is defined then, when cheking the object-list, the version
expected will be
  // this value and not the value of the OM.
  Version = 0

  // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
  // The attribute id identifies the attribute
  AttributeId = 2

  // If an access right is specified as optional in the object model like
  // (Get) or (Set), then the effective access right must be specified as
  // a set (possibly empty) of elements GET, SET and ACTION
  //
  AccessRights = [GET,SET]
}
}

```

```

InstanceExtraInfo =

```

```

{
  // Each instance must be identified by its logical name (in hex or dotted
notation)...
  LogicalName = '0-0:99.98.2.255'
  // ... and by its class id.
  ClassId = 7

  // An optional Version
  // If Version is defined then, when cheking the object-list, the version
expected will be
  // this value and not the value of the OM.
  Version = 1

  // An optional list of AttributeExtraInfo can be specified
  AttributeExtraInfo =
  {
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo =
{
  // Each instance must be identified by its logical name (in hex or dotted
notation)...
  LogicalName = '0-1:96.3.10.255'
  // ... and by its class id.
  ClassId = 70

  // An optional Version
  // If Version is defined then, when cheking the object-list, the version
expected will be
  // this value and not the value of the OM.
  Version = 0

  // An optional list of AttributeExtraInfo can be specified
  AttributeExtraInfo =
  {
    // The attribute id identifies the attribute
    AttributeId = 4

    // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
  }
}
}

```

```

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-2:96.3.10.255'
    // ... and by its class id.
    ClassId = 70

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 4

    // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

```

```

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:17.0.0.255'
    // ... and by its class id.
    ClassId = 71

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 11

    // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

```

```

    }
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-1:24.1.0.255'
    // ... and by its class id.
    ClassId = 72

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 4

    // If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 5

    // If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 6

    // If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}
}

```

```

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-2:24.1.0.255'
    // ... and by its class id.
    ClassId = 72

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 4

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

    // An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 5

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

    // An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 6

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}
}

```

```

InstanceExtraInfo =
{
  // Each instance must be identified by its logical name (in hex or dotted
notation)...
  LogicalName = '0-3:24.1.0.255'
  // ... and by its class id.
  ClassId = 72

  // An optional Version
  // If Version is defined then, when cheking the object-list, the version
expected will be
  // this value and not the value of the OM.
  Version = 0

  // An optional list of method extra information can be specified
MethodExtraInfo =
{
  // the method id identifies the method
  MethodId = 4

  // If an access right is specified as optional in the object model like
  // (Action), then the effective access right must be specified as
  // a set (possibly empty) of the single element ACTION
  AccessRights = [ACTION]
}

  // An optional list of method extra information can be specified
MethodExtraInfo =
{
  // the method id identifies the method
  MethodId = 5

  // If an access right is specified as optional in the object model like
  // (Action), then the effective access right must be specified as
  // a set (possibly empty) of the single element ACTION
  AccessRights = [ACTION]
}

  // An optional list of method extra information can be specified
MethodExtraInfo =
{
  // the method id identifies the method
  MethodId = 6

  // If an access right is specified as optional in the object model like
  // (Action), then the effective access right must be specified as
  // a set (possibly empty) of the single element ACTION
  AccessRights = [ACTION]
}
}

InstanceExtraInfo =
{
  // Each instance must be identified by its logical name (in hex or dotted

```

```

notation)...
    LogicalName = '0-4:24.1.0.255'
    // ... and by its class id.
    ClassId = 72

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 4

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 5

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 6

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}
}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-1:24.2.1.255'
    // ... and by its class id.

```

```

ClassId = 4

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
// the method id identifies the method
MethodId = 1

// If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
AccessRights = [ACTION]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-1:24.2.2.255'
// ... and by its class id.
ClassId = 4

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{

```



```

// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
// the method id identifies the method
MethodId = 1

// If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
AccessRights = [ACTION]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-1:24.2.3.255'
// ... and by its class id.
ClassId = 4

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =

```

```

{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-1:24.2.4.255'
    // ... and by its class id.
    ClassId = 4

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}
}

```

```

        InstanceExtraInfo =
    {
        // Each instance must be identified by its logical name (in hex or dotted
notation)...
        LogicalName = '0-2:24.2.1.255'
        // ... and by its class id.
        ClassId = 4

        // An optional Version
        // If Version is defined then, when cheking the object-list, the version
expected will be
        // this value and not the value of the OM.
        Version = 0

        // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 3

        // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [SET]
    }

// An optional list of method extra information can be specified
MethodExtraInfo =
    {
        // the method id identifies the method
        MethodId = 1

        // If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
        AccessRights = [ACTION]
    }
}

        InstanceExtraInfo =
    {
        // Each instance must be identified by its logical name (in hex or dotted
notation)...
        LogicalName = '0-2:24.2.2.255'
        // ... and by its class id.
        ClassId = 4

        // An optional Version
        // If Version is defined then, when cheking the object-list, the version
expected will be
        // this value and not the value of the OM.

```

```

Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-2:24.2.3.255'
    // ... and by its class id.
    ClassId = 4

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION

```

```

    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-2:24.2.4.255'
    // ... and by its class id.
    ClassId = 4

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as

```

```

    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-3:24.2.1.255'
    // ... and by its class id.
    ClassId = 4

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-3:24.2.2.255'
    // ... and by its class id.

```

```

ClassId = 4

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
// the method id identifies the method
MethodId = 1

// If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
AccessRights = [ACTION]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-3:24.2.3.255'
// ... and by its class id.
ClassId = 4

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{

```

```

// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
// the method id identifies the method
MethodId = 1

// If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
AccessRights = [ACTION]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-3:24.2.4.255'
// ... and by its class id.
ClassId = 4

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =

```



```

{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-4:24.2.1.255'
    // ... and by its class id.
    ClassId = 4

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}
}

```

```

        InstanceExtraInfo =
    {
        // Each instance must be identified by its logical name (in hex or dotted
notation)...
        LogicalName = '0-4:24.2.2.255'
        // ... and by its class id.
        ClassId = 4

        // An optional Version
        // If Version is defined then, when cheking the object-list, the version
expected will be
        // this value and not the value of the OM.
        Version = 0

        // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 3

        // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [SET]
    }

// An optional list of method extra information can be specified
MethodExtraInfo =
    {
        // the method id identifies the method
        MethodId = 1

        // If an access right is specified as optional in the object model like
// (Action), then the effective access right must be specified as
// a set (possibly empty) of the single element ACTION
        AccessRights = [ACTION]
    }
}

        InstanceExtraInfo =
    {
        // Each instance must be identified by its logical name (in hex or dotted
notation)...
        LogicalName = '0-4:24.2.3.255'
        // ... and by its class id.
        ClassId = 4

        // An optional Version
        // If Version is defined then, when cheking the object-list, the version
expected will be
        // this value and not the value of the OM.

```

```

Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-4:24.2.4.255'
    // ... and by its class id.
    ClassId = 4

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION

```

```

    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 1

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-1:24.5.0.255'
    // ... and by its class id.
    ClassId = 7

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 1

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

}

    InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-2:24.5.0.255'
    // ... and by its class id.

```

```

ClassId = 7

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 1

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-3:24.5.0.255'
// ... and by its class id.
ClassId = 7

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 1

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 3

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [SET]
}
}

```

```

        InstanceExtraInfo =
    {
        // Each instance must be identified by its logical name (in hex or dotted
notation)...
        LogicalName = '0-4:24.5.0.255'
        // ... and by its class id.
        ClassId = 7

        // An optional Version
        // If Version is defined then, when cheking the object-list, the version
expected will be
        // this value and not the value of the OM.
        Version = 1

        // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 3

        // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [SET]
    }
}

        InstanceExtraInfo =
    {
        // Each instance must be identified by its logical name (in hex or dotted
notation)...
        LogicalName = '0-0:99.98.3.255'
        // ... and by its class id.
        ClassId = 7

        // An optional Version
        // If Version is defined then, when cheking the object-list, the version
expected will be
        // this value and not the value of the OM.
        Version = 1

        // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 3

        // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION

```

```

    //
    AccessRights = [SET]
}
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:99.98.0.255'
    // ... and by its class id.
    ClassId = 7

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 1

    // An optional list of AttributeExtraInfo can be specified
    AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 3

        // If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [GET,SET]
    }
}

    InstanceExtraInfo =
    {
        // Each instance must be identified by its logical name (in hex or dotted
notation)...
        LogicalName = '0-0:99.98.1.255'
        // ... and by its class id.
        ClassId = 7

        // An optional Version
        // If Version is defined then, when cheking the object-list, the version
expected will be
        // this value and not the value of the OM.
        Version = 1

        // An optional list of AttributeExtraInfo can be specified
        AttributeExtraInfo =
        {
            // The attribute id identifies the attribute
            AttributeId = 3

```

```

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:99.98.5.255'
    // ... and by its class id.
    ClassId = 7

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 1

    // An optional list of AttributeExtraInfo can be specified
    AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 3

        // If an access right is specified as optional in the object model like
        // (Get) or (Set), then the effective access right must be specified as
        // a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:15.0.2.255'
    // ... and by its class id.
    ClassId = 22

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
    AttributeExtraInfo =
    {

```



```

// The attribute id identifies the attribute
AttributeId = 2

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [GET,SET]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-0:10.0.107.255'
// ... and by its class id.
ClassId = 9

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 2

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [GET]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '1-0:99.1.0.255'
// ... and by its class id.
ClassId = 7

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 1

// An optional list of AttributeExtraInfo can be specified

```

```

AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 8

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '1-0:99.2.0.255'
    // ... and by its class id.
    ClassId = 7

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 1

    // An optional list of AttributeExtraInfo can be specified
    AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 8

        // If an access right is specified as optional in the object model like
        // (Get) or (Set), then the effective access right must be specified as
        // a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '1-0:99.97.0.255'
    // ... and by its class id.
    ClassId = 7

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 1
}

```

```

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

        InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:99.98.4.255'
    // ... and by its class id.
    ClassId = 7

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 1

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 3

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

        InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:10.0.108.255'
    // ... and by its class id.
    ClassId = 9

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be

```

```

// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 2

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

        InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-1:15.0.4.255'
    // ... and by its class id.
    ClassId = 22

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 2

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET, SET]
}
}

        InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-2:15.0.4.255'
    // ... and by its class id.
    ClassId = 22

    // An optional Version

```

```

    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 2

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

        InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-3:15.0.4.255'
    // ... and by its class id.
    ClassId = 22

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 2

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET,SET]
}
}

        InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-4:15.0.4.255'
    // ... and by its class id.
    ClassId = 22

```

```

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 2

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [GET, SET]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-0:2.1.0.255'
// ... and by its class id.
ClassId = 29

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 2

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 6

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [GET,SET]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...

```

```

LogicalName = '0-0:40.0.0.255'
// ... and by its class id.
ClassId = 15

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 1

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 6
    // If the attribute is writable, then the data written by the set test can
be specified
    // using the xml presentation of the data, as a string
    // See the help file for the xml of the possible data choices
    SetData = '\<Data><OctetString Value = "60857405080201" /></Data>'

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET, SET]
}
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 7
    // If the attribute is writable, then the data written by the set test can
be specified
    // using the xml presentation of the data, as a string
    // See the help file for the xml of the possible data choices
    SetData = '\<Data><OctetString Value = "60857405080201" /></Data>'

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}

// An optional list of method extra information can be specified
MethodExtraInfo =
{
    // the method id identifies the method
    MethodId = 2
    // If the method requires parameters other then the default integer(0),
then the
    // parameter must be specified with ActionData, using the xml
presentations:
    ActionData = '\<Data><Long Value = "0064" /></Data>'

```

```

    // If an access right is specified as optional in the object model like
    // (Action), then the effective access right must be specified as
    // a set (possibly empty) of the single element ACTION
    AccessRights = [ACTION]
  }
}

// For profiles, an InstanceExtraInfo can be used to specify what selectors
are
// available.
InstanceExtraInfo = {LogicalName = "0-0:98.1.0.255" ClassId = 7
  // There is an AttributeExtraInfo for attribute 2, with member
SelectiveAccessSelectors
  // which is a set of elements BY_RANGE and BY_ENTRY
  AttributeExtraInfo = {AttributeId = 2 SelectiveAccessSelectors = [BY_RANGE,
BY_ENTRY]}
}

InstanceExtraInfo =
{
  // Each instance must be identified by its logical name (in hex or dotted
notation)...
  LogicalName = '0-0:13.0.0.255'
  // ... and by its class id.
  ClassId = 20

  // An optional Version
  // If Version is defined then, when cheking the object-list, the version
expected will be
  // this value and not the value of the OM.
  Version = 0

  // An optional list of method extra information can be specified
MethodExtraInfo =
{
  // the method id identifies the method
  MethodId = 1

  // If an access right is specified as optional in the object model like
  // (Action), then the effective access right must be specified as
  // a set (possibly empty) of the single element ACTION
  AccessRights = [ACTION]
}
}

InstanceExtraInfo =
{
  // Each instance must be identified by its logical name (in hex or dotted
notation)...
  LogicalName = '0-0:10.0.1.255'
  // ... and by its class id.
  ClassId = 9
}

```



```

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 2

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET]
}
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:10.0.100.255'
    // ... and by its class id.
    ClassId = 9

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0
    // An optional list of method extra information can be specified
    MethodExtraInfo =
    {
        // the method id identifies the method
        MethodId = 1
        // If the method requires parameters other then the default integer(0),
then the
        // parameter must be specified with ActionData, using the xml
presentations:
        ActionData = '\<Data><LongUnsigned Value = "1" /></Data>'

        // If an access right is specified as optional in the object model like
        // (Action), then the effective access right must be specified as
        // a set (possibly empty) of the single element ACTION
        AccessRights = [ACTION]
    }
}

InstanceExtraInfo =
{

```

```

    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:97.97.0.255'
    // ... and by its class id.
    ClassId = 1

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 2
    // If the attribute is writable, then the data written by the set test can
be specified
    // using the xml presentation of the data, as a string
    // See the help file for the xml of the possible data choices
    SetData = '\<Data><DoubleLongUnsigned Value="00000000"/></Data>'

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET, SET]
}
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:97.98.0.255'
    // ... and by its class id.
    ClassId = 1

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 2
    // If the attribute is writable, then the data written by the set test can
be specified
    // using the xml presentation of the data, as a string
    // See the help file for the xml of the possible data choices

```

```

    SetData = '\<Data><DoubleLongUnsigned Value="00000000"/></Data>'

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [GET, SET]
}
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:97.98.1.255'
    // ... and by its class id.
    ClassId = 1

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
    AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 2
        // If the attribute is writable, then the data written by the set test can
be specified
        // using the xml presentation of the data, as a string
        // See the help file for the xml of the possible data choices
        SetData = '\<Data><DoubleLongUnsigned Value="00000000"/></Data>'

        // If an access right is specified as optional in the object model like
        // (Get) or (Set), then the effective access right must be specified as
        // a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [GET, SET]
    }
}

InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    LogicalName = '0-0:29.1.0.255'
    // ... and by its class id.
    ClassId = 91

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be

```

```

// this value and not the value of the OM.
Version = 1

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
    // The attribute id identifies the attribute
    AttributeId = 5
    // If the attribute is writable, then the data written by the set test can
be specified
    // using the xml presentation of the data, as a string
    // See the help file for the xml of the possible data choices
    //SetData = '\<Data><Structure Qty = "02"><Unsigned
Value="0"/><OctetString Value="11223345678900"/></Structure></Data>'
    SetData = '\' +
    '<Data>' +
    ' <Structure Qty = "02">' +
    '   <Unsigned Value = "00" />' +
    '   <OctetString Value = "\000102030405060708090a0b0c0d0e0f"/>' +
    ' </Structure>' +
    '</Data>'

    // If an access right is specified as optional in the object model like
    // (Get) or (Set), then the effective access right must be specified as
    // a set (possibly empty) of elements GET, SET and ACTION
    //
    AccessRights = [SET]
}
}
InstanceExtraInfo =
{
    // Each instance must be identified by its logical name (in hex or dotted
notation)...
    // Clock
    LogicalName = '0-0:1.0.0.255'
    // ... and by its class id.
    ClassId = 8

    // An optional Version
    // If Version is defined then, when cheking the object-list, the version
expected will be
    // this value and not the value of the OM.
    Version = 0

    // An optional list of AttributeExtraInfo can be specified
    AttributeExtraInfo =
    {
        // The attribute id identifies the attribute
        AttributeId = 2
        // If the attribute is writable, then the data written by the set test can
be specified
        // using the xml presentation of the data, as a string
        // See the help file for the xml of the possible data choices

```

```

// Set clock to 29/10/2019 11:00:00
SetData = '\<Data><OctetString Value="07E30A1D020B0000FF8000FF"
/></Data>' // yyyy mm dd dow hh mm ss

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//
AccessRights = [GET,SET]
}
}

InstanceExtraInfo =
{
// Each instance must be identified by its logical name (in hex or dotted
notation)...
LogicalName = '0-0:11.0.0.255'
// ... and by its class id.
ClassId = 11

// An optional Version
// If Version is defined then, when cheking the object-list, the version
expected will be
// this value and not the value of the OM.
Version = 0

// An optional list of AttributeExtraInfo can be specified
AttributeExtraInfo =
{
// The attribute id identifies the attribute
AttributeId = 2
// If the attribute is writable, then the data written by the set test can
be specified
// using the xml presentation of the data, as a string
// See the help file for the xml of the possible data choices
SetData = '\<Data>'
+' <Array Qty="1E" >'
+' <Structure Qty="03" >'
+' <LongUnsigned Value="0001" />'
+' <OctetString Value="FFFF0101FF" />'
+' <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+' <LongUnsigned Value="0001" />'
+' <OctetString Value="FFFF0102FF" />'
+' <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+' <LongUnsigned Value="0001" />'
+' <OctetString Value="FFFF0103FF" />'
+' <Unsigned Value="02" />'
+' </Structure>'

```



```
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0205FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0206FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0207FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0208FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0209FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF020AFF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0301FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0302FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0303FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0304FF" />'
+ '     <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '     <LongUnsigned Value="0001" />'
+ '     <OctetString Value="FFFF0305FF" />'
+ ' </Structure>'
```

```

+'          <Unsigned Value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0001" />'
+'        <OctetString Value="FFFF0306FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    <Structure Qty="03" >'
+'      <LongUnsigned Value="0001" />'
+'      <OctetString Value="FFFF0307FF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0001" />'
+'    <OctetString Value="FFFF0308FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF0309FF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' <Structure Qty="03" >'
+'   <LongUnsigned Value="0001" />'
+'   <OctetString Value="FFFF030AFF" />'
+'   <Unsigned Value="02" />'
+' </Structure>'
+' </Array>'
+' </Data>'

```

```

// If an access right is specified as optional in the object model like
// (Get) or (Set), then the effective access right must be specified as
// a set (possibly empty) of elements GET, SET and ACTION
//

```

```

AccessRights = [GET,SET]

```

```

}
}
}

```

```

// Mandatory 'TestParameters' structure
// *****
// Defines miscellaneous values used during the test
TestParameters =
{

```

```

// (Optional) Delay (in ms) after executing the Disconnecter Control (class
70)
// connect and disconnect actions performed directly or via a script table.
ConnectDisconnectDelay = 20000

```

```

// Client system title
ClientSystemTitle = '58585A0102030405'

```



```

// Structure for the ImageTransfer
ImageTransfer =
{
    // Image identifier as passed to the image_transfer_initiate method
    ImageIdentifier = '\AM54006.01.02.01-81d787b'
    // Filename of the image to transfer. If no filepath is given, then the file
    // is supposed to be in the same directory as the CTI file
    ImageFileName = '\AM54006.01.02.01-81d787b_wrapped_enc_signed_TS.bin'
    // Time (in ms) that the iCTT loops reading the image_transfer status
waiting for changes
    Timeout = 300000
}

// Push timeout is the time (in ms) awaited by the iCTT for the DUT to send a
DataNotification
    PushTimeout = 120000

// (Optional) Minimal Inter WPDU frames delay, is the minimal delay (in ms)
between two WPDU frames sent by the wrapper layer.
// is null if not specified
    MinInterWPDUFramesDelay = 100

// (Optional) Profile periods qty is the number of entries created in the
profiles by new profiles tests
// Must be larger than 5, defaults to 6 when not specified
    ProfilePeriodsQty = 6

// (Optional) Capture delay in (ms) is a delay splitted in two inequal parts,
before and after a capture.
// If we expect the DUT to make a capture at time T, then we set the clock to
(T - CaptureDelay + 5sec)
// and wait for CaptureDelay seconds for the capture to occur.
// Default to 10000 (10sec)
    CaptureDelay = 10000

// (Optional) Duration (in ms) of the clip call from return of ATDT to ATH
(defaults to 12000)
    ClipCallDuration = 20000

// (Optional) Some AutoConnect attributes
AutoConnect = {
    Repetitions = 2
    RepetitionDelay = 30
}

// (Optional) Some PushSetup attributes
PushSetup = {
    NumberOfRetries = 2
    RepetitionDelay = 30
}

// (optional) Delay (in ms) to wait before performing a wake-up, default = 10000
    WakeUpDelay = 30000

```

```

// (optional) Delay in ms to wait between a disconnection and the sending of a
SMS, default = 0
DisconnectToSendSMSDelay = 10000

// (optional) Delay in ms between the reception of a DataNotification and the
closing of the inbound push-connection
// opened by the DUT. By default the value is 0. A value of 0xffffffff means
that iCTT2 will NOT close the connection,
// the DUT will have to close the connection itself.
DataNotificationToDisconnectDelay = 4000
}

// Mandatory 'SecurityElements'
// *****
// There are 3 sets of 'SecurityElements', one for each communication profile
(Local, Remote and SMS)

// Each set contains one structure per client, each with the following members:

// ContextName: either LONG_NAMES or LONG_NAMES_WITH_CIPHERING

// MechanismName: either LOWEST_LEVEL_SECURITY, LOW_LEVEL_SECURITY or
HIGH_LEVEL_SECURITY_GMAC

// Policy: either NO_SECURITY, AUTHENTICATION, ENCRYPTION or
AUTHENTICATION_AND_ENCRYPTION
// The policy determines how the APDU are ciphered. It is NOT the value of
// the security_policy attribute of the security setup object of the DUT.
// However, in a ciphered context, only APDU's with a ciphering 'policy'
larger or equal to
// the security_policy of the DUT will be accepted.

// Password: if required by the mechanism name.

// For the client 'Preestablished' the 2 following members are mandatory:
// ServerMaxReceivePDUSize (integer)
// CipheringStyle (enum), GENERAL or SERVICE

// LocalSecurityElements
// Mandatory, used for the 'local' mode.
LocalSecurityElements =
{

    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
    //ContextName = LONG_NAMES
    //MechanismName = LOW_LEVEL_SECURITY
    //Policy = NO_SECURITY
    //Password = "\12345678"
    CipherringStyle = GENERAL
}

PreEstablished =
{
    Policy = NO_SECURITY
    ServerMaxReceivePDUSize = 1070
    CipherringStyle = GENERAL
}
}

// RemoteSecurityElements
// Mandatory
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
        CipherringStyle = GENERAL
    }

    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePduSize = 1224
        CipherringStyle = GENERAL
    }
}

// SMS security elements
// Mandatory
SMSSecurityElements = {
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION//ENCRYPTION//NO_SECURITY
        ServerMaxReceivePDUSize = 138
        CipherringStyle = GENERAL
    }
}
}

```

```

// Mandatory parameters of the ''Local'' HDLC Profile
HDLCProfile =
{
    PhysicalLayer =
    {
        OpeningMode = DIRECT_HDLC // or MODE_E
        HdlcBaud = 9600
    }

    DataLinkLayer =
    {
        InactivityTimeout = 120000
        InterFrameTimeout = 100
        ResponseTimeout = 5000
        DISCToNDMTimeout = 2000
        AddressingSchemes = [FOUR_BYTES_ADDRESSING] // TWO_BYTES_ADDRESSING,
FOUR_BYTES_ADDRESSING
        // For TWO and FOUR bytes addressing schemes, we have to specify also a
ServerLowerMACAddress
        ServerLowerMACAddress = 0x11

        // (Optional) Minimal delay between the last frame received and the next
frame sent , default 0
        LastRecToNextSendDelay = 0
    }

    // (Optional) Delay (ms) after sending an UI frame, default 0
    UIFrameDelay = 2000
    // (optional) UI frames info field length, default 128
    UIFrameLength = 126
}

// Mandatory parameters of the ''Remote'' TCP Profile
TCPProfile =
{
    ServerTCPPort = 4059
    ResponseTimeout = 10000
    ConnectTimeout = 5000
    DisconnectToConnectDelay = 5000
}

// Mandatory parameters of the ''Remote'' G3-PLC profile
G3PLCProfile = {
    FrequencyBand = CENELEC_A
    ResponseTimeout = 30000
    UDPPort = 61616
    ConnectTimeout =10000
    PSK = "00112233445566778899AABBCCDDEEFF"
}

```

// END CTI_Template

* Miscellaneous *

TestMode: G3-PLC
Test Plan Signature: BFC18D5882976F2087BC007B67CDC246
Object Model: IDIS-S02-002 - object model Pack2 Ed2.0 - V2.28
(20170428)-FIT MBUS Tests G350 (CorrectedAndValve status)-2017428.xlsx
DUT system title: 454C536771344DD5
Run number: 365