

Size (octets)	Field (name)	Value	Notes
6	MacAddress[M]	Varies	Value of <i>aUniStatMacTable.sMacAddress[M]</i> sub-attribute

1 **Attribute *aUniPortAutoNeg* (0xD7/0x01-05)**

2 This attribute represents the auto-negotiation parameters for the selected UNI port ~~or the PON port~~. This
 3 attribute consists of the following sub-attributes: ~~*sCapabilityMax*~~*sCapability* and
 4 ~~*sCapabilityCurrent*~~*sCurrentSetting*.

5 Sub-attribute *aUniPortAutoNeg.sCapabilityMax*~~*sCapability*~~:

6 **Syntax:** Bitmap

7 **Size (octets):** 2

8 **Remote access:** Read-Only

9 **Description:** This sub-attribute represents the ~~maximum auto-negotiation~~ capabilities of the
 10 given ~~ONU-UNI~~ port, defined per Table 14-159.

11

Table 14-36—Port capability bitmap

Auto-negotiation capability	Location
Half duplex	Bit 0 (LSB)
Full duplex	Bit 1
10 Mb/s	Bit 2
100 Mb/s	Bit 3
1000 Mb/s	Bit 4
10 Gb/s	Bit 5
Flow Control	Bit 6
Auto MDI/MDI-X	Bit 7
Reserved, set to 0	Bits 8–15

12 Sub-attribute *aUniPortAutoNeg.sCapabilityCurrent*~~*sCurrentSetting*~~:

13 **Syntax:** Bitmap

14 **Size (octets):** 2

15 **Remote access:** Read/Write

16 **Description:** This sub-attribute represents the current ~~auto-negotiation settings~~ capabilities of
 17 the given ~~ONU-UNI~~ port, defined per Table 14-159.

18 The *aUniPortAutoNeg* attribute is associated with the UNI Port ~~or PON Port~~ object (see 14.4.1.1). The
 19 Variable Container TLV for the *aUniPortAutoNeg* attribute shall be as specified in Table 14-160.

20

Table 14-37—UNI Port Auto-Negotiation TLV (0xD7/0x01-05)

Size (octets)	Field (name)	Value	Notes
1	Branch	0xD7	Branch identifier.
2	Leaf	0x01-05	Leaf identifier.
1	Length	0x04	The size of TLV fields following the Length field.

Size (octets)	Field (name)	Value	Notes
2	Capability Max	Varies	Value of sCapabilityMax Capability sub-attribute. The value of this sub-attribute field is set to 0x00-00 when the <i>UNI Port Auto-Negotiation</i> TLV (0xD7/0x01-05) is carried in the <i>eOAM_Set_Response-Request</i> eOAMPDU.
2	Capability Current Setting	Varies	Value of sCapabilityCurrents Current Setting sub-attribute.

1 **Attribute *aUniAdmissionControl* (0xD7/0x01-06)**

2 This attribute represents the status of the MAC-Source-Address-based admission control function operating
3 on the selected ONU UNI port in the upstream direction.

4 Attribute *aUniAdmissionControl*:

5 **Syntax:** Boolean

6 **Remote access:** Read/Write

7 **Default value:** enabled

8 **Description:** This attribute represents the status of the MAC-Source-Address-based admission
9 control function operating on the selected ONU UNI port in the upstream
10 direction. The following values are defined:

11 enabled: the MAC-Source-Address-based admission control function
12 is enabled.

13 disabled: the MAC-Source-Address-based admission control function
14 is disabled.

15 The *aUniAdmissionControl* attribute is associated with the UNI Port object (see 14.4.1.1). The Variable
16 Container TLV for the *aUniAdmissionControl* attribute shall be as specified in Table 14-161.

17 **Table 14-38—Source Address Admission Control TLV (0xD7/0x01-06)**

Size (octets)	Field (name)	Value	Notes
1	Branch	0xD7	Branch identifier
2	Leaf	0x01-06	Leaf identifier
1	Length	0x01	The size of TLV fields following the Length field
1	UniAdmissionControl	Varies	Value of <i>aUniAdmissionControl</i> attribute, defined as follows: enabled: 0x01 disabled: 0x00

18 **Attribute *aUniMinLearnMacCount* (0xD7/0x01-07)**

19 This attribute represents the minimum guaranteed number of MAC addresses that can be learned on the
20 given UNI port.

21 Attribute *aUniMinLearnMacCount*:

22 **Syntax:** Unsigned integer

23 **Range:** 0x00 to 0x28

24 **Remote access:** Read/Write

25 **Default value:** 0x00

26 **Description:** This attribute represents the minimum guaranteed number of MAC addresses
27 that can be learned on the given UNI port.