**LLDP Text[1]: Only sections with changes are included.**

Clause 79

79.3.2 Power Via MDI TLV

Clause 33 defines two option power entities: a Powered Device (PD) and Power Sourcing Equipment (PSE). These entities allow devices to draw/supply power over the sample generic cabling as used for data trans-mission. The Power Via MDI TLV allows network management to advertise and discover the MDI power support capabilities of the sending IEEE 802.3 LAN station. This TLV is also required to perform Data Link Layer classification as defined in 33.6. Figure 79–3 shows the format of this TLV.
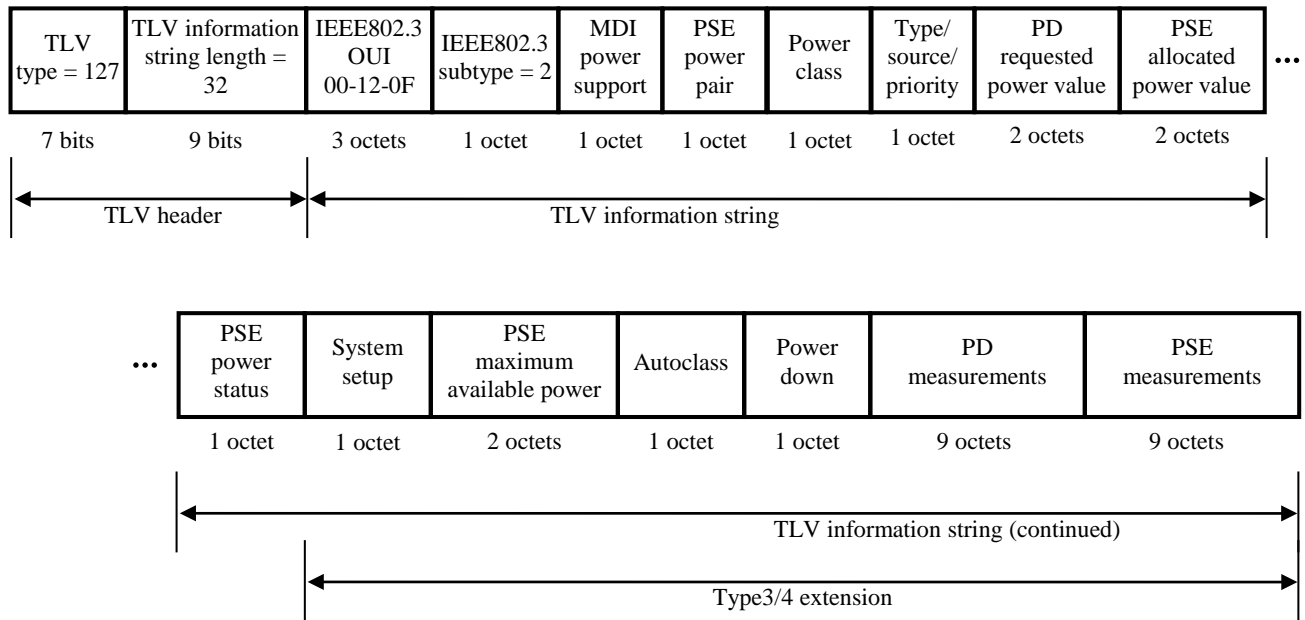
Restore Figure 79-3 from 802.3-2012, change caption to "Power via MDI TLV format for Type 1 and Type 2"
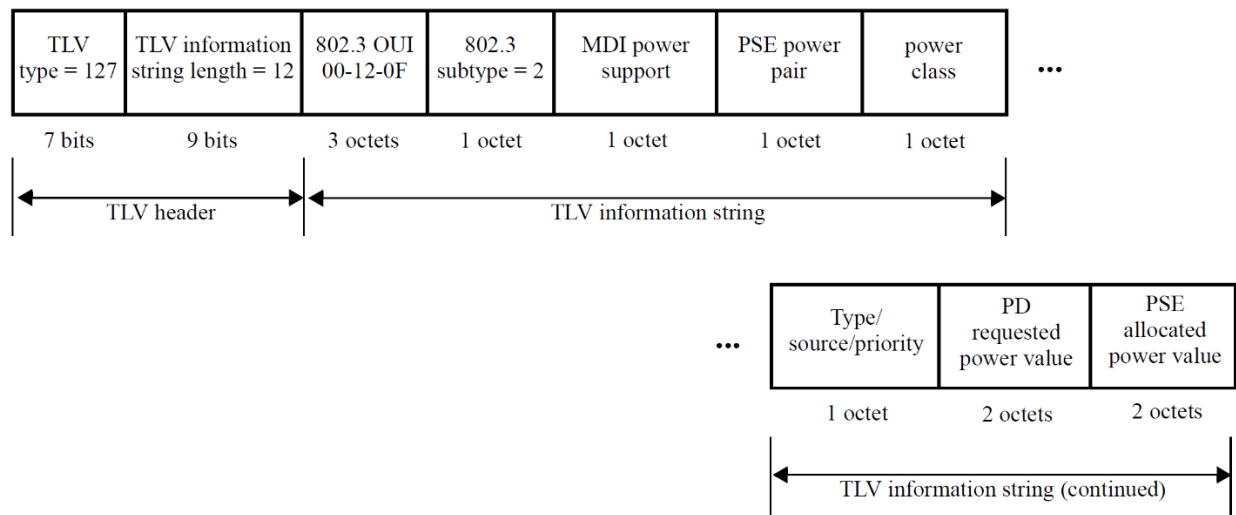
Figure 79–3—Power Via MDI TLV format

To support also long MDI TLVs a second frame size is defined as shown in Figure 79–3a

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[1] Text is directly related to yseboodt_3_0915_v120.pdf

1

TLV type = 127	TLV information string length = 32	IEEE802.3 OUI 00-12-0F	IEEE802.3 subtype = 2	MDI power support	PSE power pair	Power class	Type/ source/ priority	PD requested power value	PSE allocated power value	...
7 bits	9 bits	3 octets	1 octet	1 octet	1 octet	1 octet	1 octet	2 octets	2 octets	

TLV header — TLV information string

...	PSE power status	System setup	PSE maximum available power	Autoclass	Power down	PD measurements	PSE measurements
	1 octet	1 octet	2 octets	1 octet	1 octet	9 octets	9 octets

TLV information string (continued)

Type3/4 extension

Figure 79–3a—Power Via MDI TLV format for Type 3 and Type 4

79.3.2.5a PSE maximum available power

The PSE maximum available power field shall contain the highest power the PSE can grant as defined in Table 79-5a. The PSE shall set the value of this field taking available power budget and hardware capabilities into account.

Table 79–5a—PSE Maximum available power value field

Bit	Function	Value/meaning
15:0	PSE Maximum available power value	Power = $0.1 \times$ (decimal value of bits) Watts. Valid values for these bits are decimal 1 through 999.

79.3.2.6c PD measurements

The PD measured voltage value field may be included to carry the PD's measured voltage value at the port defined in Table 79-6c.

The PD measured current value field may be included to carry the PD's measured current value at the port defined in Table 79-6c.

The PD measured energy value field may be included to carry the PD's measured energy consumption value at the port defined in Table 79-6c.

Table 79–6c—PD measurements

Bit	Function	Value/meaning
31:16	V_{PD}	$V_{PD} = 0.1$ x (decimal value of bits) V

2

		Valid values for these bits are decimal 1 through 570
15:0	$I_{PORT-PD}$	$I_{PORT-PD}$ = 0.1 x (decimal value of bits) mA Valid values for these bits are decimal 1 through 9620

Bit	Function	Value/meaning
71	Voltage support	1 = PD supports voltage measurement 0 = PD does not support voltage measurement
70	Current support	1 = PD supports current measurement 0 = PD does not support current measurement
69	Energy support	1 = PD supports energy measurement 0 = PD does not support energy measurement
68:67	Measurement source	Determine where the measurement is to be taken. 0 0 = No request 0 1 = Pairset Alternative A 1 0 = Pairset Alternative B 1 1 = Port total
66	Voltage request	Request voltage measurement Where power type = PSE 1 = PSE request for voltage measurement 0 = No request for voltage measurement Where power type = PD 1 = Voltage measurement contains valid data 0 = Voltage measurement disabled
65	Current request	Request current measurement Where power type = PSE 1 = PSE request for current measurement 0 = No request for current measurement Where power type = PD 1 = Current measurement contains valid data 0 = Current measurement disabled
64	Energy request	Request energy measurement Where power type = PSE 1 = PSE request for energy measurement 0 = No request for energy measurement Where power type = PD 1 = Energy measurement contains valid data 0 = Energy measurement disabled
63:48	Voltage measurement	V_{Port_PD} = (decimal value of bits) mV Valid values for these bits are decimal 1 through 65000
47:32	Current measurement	I_{Port} or $I_{Port-2P}$ = 0.1 x (decimal value of bits) mA Valid values for these bits are decimal 0 through 20000

3

31:0	Energy measurement	Total energy consumed at the port or pairset value = 0.1 x (decimal value of bits) in kJ^2 · since power on.

Measurement values (Voltage measurement, Current measurement and Energy measurement shall be set to 0 in case the corresponding request bit is 0. If a device does not support a particular measurement, the corresponding measurement value shall be set to 0.

79.3.2.6d PSE measurements

The PSE measured voltage value field may be included to carry the PSE's measured voltage value at the port defined in Table 79-6d.

The PSE measured current value field may be included to carry the PSE's measured current value at the port defined in Table 79-6d.

The PSE measured energy value field may be included to carry the PSE's measured energy consumption value at the port defined in Table 79-6d.

Table 79–6d—PSE measurements

Bit	Function	Value/meaning
31:16	V_{PSE}	V_{PSE} = 0.1 x (decimal value of bits) V Valid values for these bits are decimal 1 through 570
15:0	$I_{PORT-PD}$	$I_{PORT-PD}$ = 0.1 x (decimal value of bits) mA Valid values for these bits are decimal 1 through 9620

Bit	Function	Value/meaning
71	Voltage support	1 = PSE supports voltage measurement 0 = PSE does not support voltage measurement
70	Current support	1 = PSE supports current measurement 0 = PSE does not support current measurement
69	Energy support	1 = PSE supports energy measurement 0 = PSE does not support energy measurement
68:67	Measurement source	Determine where the measurement is to be taken. 0 0 = No request 0 1 = Pairset Alternative A 1 0 = Pairset Alternative B 1 1 = Port total
66	Voltage request	Request voltage measurement Where power type = PD 1 = PD request for voltage measurement 0 = No request for voltage measurement

---

^{2} 1kJ = 1kWs

		Where power type = PSE 1 = Voltage measurement contains valid data 0 = Voltage measurement disabled
65	Current request	Request current measurement Where power type = PD 1 = PD request for current measurement 0 = No request for current measurement Where power type = PSE 1 = Current measurement contains valid data 0 = Current measurement disabled
64	Energy request	Request energy measurement Where power type = PD 1 = PD request for energy measurement 0 = No request for energy measurement Where power type = PSE 1 = Energy measurement contains valid data 0 = Energy measurement disabled
63:48	Voltage measurement	V_{PORT_PSE} = (decimal value of bits) mV Valid values for these bits are decimal 1 through 65000
47:32	Current measurement	I_{PORT} or $I_{PORT-2P}$ = 0.1 x (decimal value of bits) mA Valid values for these bits are decimal 0 through 20000
31:0	Energy measurement	Total energy consumed at the port or pairset value = 0.1 x (decimal value of bits) in kJ[3] since power on.

Measurement values (voltage, current or energy) shall be set to 0 in case the corresponding request bit is 0. If a device does not support a particular measurement, the corresponding measurement value shall be set to 0.

79.3.2.6e Autoclass

The Autoclass field shall contain the bits defined in Table 79-6a to control Autoclass. See 33.2.6.3, 33.3.5.3 and Annex 33-Cfor details on Autoclass. Using the Autoclass field to trigger a new Autoclass measurement allows a PD to change maximum power consumption.

Table 79–6e—Autoclass field

Bit	Function	Value/meaning
7:3	Reserved	Transmit as zero. Ignore on receive.

---

[3] 1kJ = 1kWs

5

2	PSE Autoclass support	1 = PSE supports Autoclass 0 = PSE does not support Autoclass
1	Autoclass completed	1 = Autoclass measurement completed 0 = Autoclass idle
0	Autoclass request	1 = PD requests Autoclass measurement 0 = Autoclass idle

The sequence of Autoclass as triggered by LLDP is listed in Table 79-f.

Table 79–6f— Sequence of events for Autoclass triggered via LLDP

sequence	Function
1	PD switches to a mode where maximum power is consumed
2	PD sends LLDP frame with request_autoclass=1 set
3	PSE sees the frame with request_autoclass=1 and performs the measurement and budget reduction
4	PSE sends LLDP frame with completed_autoclass=1 set
5	PD receives LLDP frame with completed_autoclass=1 and sets request_autoclass=0
6	PSE receives LLDP frame with request_autoclass=0 and sets completed_autoclass=0

79.3.2.6f Request power down

The request power down field shall be set as defined in Table 79-6g. This field may be set to value 0xDD by a PD that no longer requires power from the PI.

Table 79–6g—PD Request power down field

Bit	Function	Value/meaning
7:0	power down	Value = 0xDD triggers a power down. Any other value is ignored

79.4.2 IEEE 802.3 Organizationally Specific TLV/LLDP Local and Remote System group managed object class cross references

The cross references between the IEEE 802.3 TLVs and the LLDP Local System Group managed object class (see 30.12.2) attributes are listed in Table 79–9. The cross references between the IEEE 802.3 TLVs and the LLDP Remote System Group managed object class (see 30.12.3) attributes are listed in Table 79–10. The cross-references between the EEE TLV, the EEE Fast Wake TLV, and the EEE local (30.12.2) and remote (30.12.3) object class attributes are listed in Table 79–9 and Table 79–10.

Table 79–9—IEEE 802.3 Organizationally Specific TLV/LLDP Local System Group managed object class cross references

6

TLV name	TLV variable	LLDP Local System Group managed object class attribute
MAC/PHY Configuration/Status		
Power via MDI	Port class	aLldpXdot3LocPowerPortClass
	PSE MDI power support	aLldpXdot3LocPowerMDISupported
	PSE MDI power state	aLldpXdot3LocPowerMDIEnabled
	PSE pairs control ability	aLldpXdot3LocPowerPairControlable
	PSE power pair	aLldpXdot3LocPowerPairs
	Power class	aLldpXdot3LocPowerClass
	Power type	aLldpXdot3LocPowerType
	Power source	aLldpXdot3LocPowerSource
	Power priority	aLldpXdot3LocPowerPriority
	PD requested power value	aLldpXdot3LocPDRequestedPowerValue
	PSE allocated power value	aLldpXdot3LocPSEAllocatedPowerValue
	PSE available power	aLldpXdot3LocPSEMaxAvailPower
	PSE Autoclass support	aLldpXdot3LocPSEAutoclassSupport
	Autoclass completed	aLldpXdot3LocAutoclassCompleted
	Autoclass request	aLldpXdot3LocAutoclassRequest
	Power down	aLldpXdot3LocPowerDownRequest
	PD Voltage support	aLldpXdot3LocPDMeasVoltageSupport
	PD Current support	aLldpXdot3LocPDMeasCurrentSupport
	PD Energy support	aLldpXdot3LocPDMeasEnergySupport
	PD Measurement source	aLldpXdot3LocPDMeasurementSource
	PD Voltage measurement	aLldpXdot3LocPDMeasurementVoltage
	PD Current measurement	aLldpXdot3LocPDMeasurementCurrent
	PD Energy measurement	aLldpXdot3LocPDMeasurementEnergy
	PSE Voltage support	aLldpXdot3LocPSEMeasVoltageSupport
	PSE Current support	aLldpXdot3LocPSEMeasCurrentSupport
	PSE Energy support	aLldpXdot3LocPSEMeasEnergySupport
	PSE Measurement source	aLldpXdot3LocPSEMeasurementSource
	PSE Voltage measurement	aLldpXdot3LocPSEMeasurementVoltage
	PSE Current measurement	aLldpXdot3LocPSEMeasurementCurrent
	PSE Energy measurement	aLldpXdot3LocPSEMeasurementEnergy
Link Aggregation (deprecated)		
Maximum Frame Size		
EEE		
EEE Fast Wake		

Table 79–10—IEEE 802.3 Organizationally Specific TLV/LLDP Remote System Group managed object class cross references

TLV name	TLV variable	LLDP Local System Group managed object class attribute
MAC/PHY Configuration/Status		
Power via MDI	Port class	aLldpXdot3RemPowerPortClass

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	PSE MDI power support	aLldpXdot3RemPowerMDISupported
	PSE MDI power state	aLldpXdot3RemPowerMDIEnabled
	PSE pairs control ability	aLldpXdot3RemPowerPairControlable
	PSE power pair	aLldpXdot3RemPowerPairs
	Power class	aLldpXdot3RemPowerClass
	Power type	aLldpXdot3RemPowerType
	Power source	aLldpXdot3RemPowerSource
	Power priority	aLldpXdot3RemPowerPriority
	PD requested power value	aLldpXdot3RemPDRequestedPowerValue
	PSE allocated power value	aLldpXdot3RemPSEAllocatedPowerValue
	PSE available power	aLldpXdot3RemPSEMaxAvailPower
	PSE Autoclass support	aLldpXdot3RemPSEAutoclassSupport
	Autoclass completed	aLldpXdot3RemAutoclassCompleted
	Autoclass request	aLldpXdot3RemAutoclassRequest
	Power down	aLldpXdot3RemPowerDownRequest
	PD Voltage support	aLldpXdot3RemPDMeasVoltageSupport
	PD Current support	aLldpXdot3RemPDMeasCurrentSupport
	PD Energy support	aLldpXdot3RemPDMeasEnergySupport
	PD Measurement source	aLldpXdot3RemPDMeasurementSource
	PD Voltage measurement	aLldpXdot3RemPDMeasurementVoltage
	PD Current measurement	aLldpXdot3RemPDMeasurementCurrent
	PD Energy measurement	aLldpXdot3RemPDMeasurementEnergy
	PSE Voltage support	aLldpXdot3RemPSEMeasVoltageSupport
	PSE Current support	aLldpXdot3RemPSEMeasCurrentSupport
	PSE Energy support	aLldpXdot3RemPSEMeasEnergySupport
	PSE Measurement source	aLldpXdot3RemPSEMeasurementSource
	PSE Voltage measurement	aLldpXdot3RemPSEMeasurementVoltage
	PSE Current measurement	aLldpXdot3RemPSEMeasurementCurrent
	PSE Energy measurement	aLldpXdot3RemPSEMeasurementEnergy
Link Aggregation (deprecated)		
Maximum Frame Size		
EEE		
EEE Fast Wake		

Clause 30: Management

Remove the managed object classes as introduced in Draft 1.2 (Aug. 15) 30.12.2.1.18a, 30.12.2.1.18b, 30.12.2.1.18c, 30.12.2.1.18d to state before BT

Insert new managed object classes in local (30.12.2) and in remote (30.12.3). The object class attributes are listed in Table 79–9 and Table 79–10.

30.12.2.1.18a aLldpXdot3LocPSEMaxAvailPower

ATTRIBUTE
APPROPRIATE SYNTAX:
　　INTEGER
BEHAVIOUR DEFINED AS:
　　A 16 Bit Integer value set and cleared by the PSE used to indicate maximally available power. Encoded according to Table 79–5a.

30.12.2.1.18b aLldpXdot3LocPSEAutoclassSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
　　BOOLEAN
BEHAVIOUR DEFINED AS:
　　A Boolean value set and cleared by the PSE used to indicate whether the PSE supports Autoclass. A TRUE value means Autoclass is supported. Encoded according to Table 79–6e.

30.12.2.1.18c aLldpXdot3LocAutoclassCompleted

ATTRIBUTE
APPROPRIATE SYNTAX:
　　BOOLEAN
BEHAVIOUR DEFINED AS:
　　A Boolean value set and cleared by the PSE used to indicate whether the Autoclass cycle is completed. A TRUE value means Autoclass is completed. Encoded according to Table 79–6e.

30.12.2.1.18d aLldpXdot3LocAutoclassRequest

ATTRIBUTE
APPROPRIATE SYNTAX:
　　BOOLEAN
BEHAVIOUR DEFINED AS:
　　A Boolean value set and cleared by the PD used to request an Autoclass cycle. A TRUE value means Autoclass is requested. Encoded according to Table 79–6e.

30.12.2.1.18e aLldpXdot3LocPowerDownRequest

ATTRIBUTE
APPROPRIATE SYNTAX:
　　OCTET
BEHAVIOUR DEFINED AS:
　　A Boolean value set and cleared by the PD used to validate a Power Down request to the PSE. The value of 0xDD in field aLldpXdot3LocPowerDownRequest triggers a power down request. Encoded according to Table 79–6g.

　　　　　　　　　　　　　9

30.12.2.1.18f aLldpXdot3LocPDMeasVoltageSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    A Boolean value set and cleared by the PD used to indicate whether the PD supports Voltage measurement. A TRUE value of aLldpXdot3LocPDMeasVoltageSupport means Voltage measurement is supported. Encoded according to Table 79–6c.

30.12.2.1.18g aLldpXdot3LocPDMeasCurrentSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    A Boolean value set and cleared by the PD used to indicate whether the PD supports Current measurement. A TRUE value ofaLldpXdot3LocPDMeasCurrentSupport means Current measurement is supported. Encoded according to Table 79–6c.

30.12.2.1.18h aLldpXdot3LocPDMeasEnergySupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    A Boolean value set and cleared by the PD used to indicate whether the PD supports Energy measurement. A TRUE value of aLldpXdot3LocPDMeasEnergySupport means Energy measurement is supported. Encoded according to Table 79–6c.

30.12.2.1.18i aLldpXdot3LocPDMeasurementSource

ATTRIBUTE
APPROPRIATE SYNTAX:
    BIT STRING [SIZE (2)]
BEHAVIOUR DEFINED AS:
    A SET attribute building a bit string selecting the measurement source. Field is encoded according to Table 79–6c.

30.12.2.1.18j aLldpXdot3LocPDMeasurementVoltage

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    A 16 Bit Integer value set and cleared by the PD used to communicate the measured Voltage at the PD PI. Encoded according to Table 79–6c.

30.12.2.1.18k aLldpXdot3LocPDMeasurementCurrent

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    A 16 Bit Integer value set and cleared by the PD used to communicate the measured Current at the PD PI. Encoded according to Table 79–6c.

10

30.12.2.1.18l aLldpXdot3LocPDMeasurementEnergy

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    A 32 Bit Integer value set and cleared by the PD used to communicate the Energy measured at the PD PI since power-up. Encoded according to Table 79–6c.

30.12.2.1.18m aLldpXdot3LocPSEMeasVoltageSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    A Boolean value set and cleared by the PSE used to indicate whether the PSE supports Voltage measurement. A TRUE value of aLldpXdot3LocPSEMeasVoltageSupport means Voltage measurement is supported. Encoded according to Table 79–6d.

30.12.2.1.18n aLldpXdot3LocPSEMeasCurrentSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    A Boolean value set and cleared by the PSE used to indicate whether the PSE supports Current measurement. A TRUE value ofaLldpXdot3LocPSEMeasCurrentSupport means Current measurement is supported. Encoded according to Table 79–6d.

30.12.2.1.18o aLldpXdot3LocPSEMeasEnergySupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    A Boolean value set and cleared by the PSE used to indicate whether the PSE supports Energy measurement. A TRUE value of aLldpXdot3LocPSEMeasEnergySupport means Energy measurement is supported. Encoded according to Table 79–6d.

30.12.2.1.18p aLldpXdot3LocPSEMeasurementSource

ATTRIBUTE
APPROPRIATE SYNTAX:
    BIT STRING [SIZE (2)]
BEHAVIOUR DEFINED AS:
    A SET attribute building a bit string selecting the measurement source. Field is encoded according to Table 79–6d.

30.12.2.1.18q aLldpXdot3LocPSEMeasurementVoltage

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    A 16 Bit Integer value set and cleared by the PSE used to communicate the measured Voltage at the PSE PI. Encoded according to Table 79–6d.

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30.12.2.1.18r aLldpXdot3LocPSEMeasurementCurrent

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    A 16 Bit Integer value set and cleared by the PSE used to communicate the measured Current at the PSE PI.
    Encoded according to Table 79–6d.

30.12.2.1.18s aLldpXdot3LocPSEMeasurementEnergy

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    A 32 Bit Integer value set and cleared by the PSE used to communicate the Energy measured at the PSE PI
    since power-up. Encoded according to Table 79–6d.

Remove the managed object classes as introduced in Draft 1.2 (Aug. 15) 30.12.3.1.18a, 30.12.3.1.18b, 30.12.3.1.18c, 30.12.3.1.18d to state before BT

Insert new managed object classes as listed below:

30.12.3.1.18a aLldpXdot3RemPSEMaxAvailPower

BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMaxAvailPower
    30.12.2.1.18a.

30.12.3.1.18b aLldpXdot3RemPSEAutoclassSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPSEAutoclassSupport
    30.12.2.1.18b.

30.12.3.1.18c aLldpXdot3RemAutoclassCompleted

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocAutoclassCompleted
    30.12.2.1.18c.

30.12.3.1.18d aLldpXdot3RemAutoclassRequest

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocAutoclassRequest

30.12.2.1.18d.

30.12.3.1.18e aLldpXdot3RemPowerDownRequest

ATTRIBUTE
APPROPRIATE SYNTAX:
   OCTET
BEHAVIOUR DEFINED AS:
   The definition and encoding of this field is the same as described in aLldpXdot3LocPowerDownRequest
   30.12.2.1.18e.

30.12.3.1.18f aLldpXdot3RemPDMeasVoltageSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
   BOOLEAN
BEHAVIOUR DEFINED AS:
   The definition and encoding of this field is the same as described in aLldpXdot3LocPDMeasVoltageSupport
   30.12.2.1.18f.

30.12.3.1.18g aLldpXdot3RemPDMeasCurrentSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
   BOOLEAN
BEHAVIOUR DEFINED AS:
   The definition and encoding of this field is the same as described in aLldpXdot3LocPDMeasCurrentSupport
   30.12.2.1.18g.

30.12.3.1.18h aLldpXdot3RemPDMeasEnergySupport

ATTRIBUTE
APPROPRIATE SYNTAX:
   BOOLEAN
BEHAVIOUR DEFINED AS:
   The definition and encoding of this field is the same as described in aLldpXdot3LocPDMeasEnergySupport
   30.12.2.1.18h.

30.12.3.1.18i aLldpXdot3RemPDMeasurementSource

ATTRIBUTE
APPROPRIATE SYNTAX:
   BIT STRING [SIZE (2)]
BEHAVIOUR DEFINED AS:
   The definition and encoding of this field is the same as described in aLldpXdot3LocPDMeasurementSource
   30.12.2.1.18i.

30.12.3.1.18j aLldpXdot3RemPDMeasurementVoltage

ATTRIBUTE
APPROPRIATE SYNTAX:
   INTEGER
BEHAVIOUR DEFINED AS:
   The definition and encoding of this field is the same as described in aLldpXdot3LocPDMeasurementVoltage
   30.12.2.1.18j.

30.12.3.1.18k aLldpXdot3RemPDMeasurementCurrent

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ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPDMeasurementCurrent 30.12.2.1.18k.

30.12.3.1.18l aLldpXdot3RemPDMeasurementEnergy

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPDMeasurementEnergy 30.12.2.1.18l.

30.12.3.1.18m aLldpXdot3RemPSEMeasVoltageSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMeasVoltageSupport 30.12.2.1.18m.

30.12.3.1.18n aLldpXdot3RemPSEMeasCurrentSupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMeasCurrentSupport 30.12.2.1.18n.

30.12.3.1.18o aLldpXdot3RemPSEMeasEnergySupport

ATTRIBUTE
APPROPRIATE SYNTAX:
    BOOLEAN
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMeasEnergySupport 30.12.2.1.18o.

30.12.3.1.18p aLldpXdot3RemPSEMeasurementSource

ATTRIBUTE
APPROPRIATE SYNTAX:
    BIT STRING [SIZE (2)]
BEHAVIOUR DEFINED AS:
    The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMeasurementSource 30.12.2.1.18p.

30.12.3.1.18q aLldpXdot3RemPSEMeasurementVoltage

ATTRIBUTE
APPROPRIATE SYNTAX:
    INTEGER

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BEHAVIOUR DEFINED AS:
The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMeasurementVoltage 30.12.2.1.18q.

30.12.3.1.18r aLldpXdot3RemPSEMeasurementCurrent

ATTRIBUTE
APPROPRIATE SYNTAX:
INTEGER
BEHAVIOUR DEFINED AS:
The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMeasurementCurrent 30.12.2.1.18r.

30.12.3.1.18s aLldpXdot3RemPSEMeasurementEnergy

ATTRIBUTE
APPROPRIATE SYNTAX:
INTEGER
BEHAVIOUR DEFINED AS:
The definition and encoding of this field is the same as described in aLldpXdot3LocPSEMeasurementEnergy 30.12.2.1.18s.