

MEF

Technical Specification

MEF 7.1.1

Technical Corrections to MEF 7.1

July 2010

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1. Change Highlighting

For ease in reviewing and editing, changes can be indicated under the “new text section” by using [blue underline](#) for new inserted text, and ~~red strikethrough~~ for deleted text.

2. Correction #1: Section 9.4.1.4 EthOamPerfMonCfg

OLD TEXT:

priority	This attribute specifies the priority of frames with Performance Monitoring OAM message information. The value 'true' indicates frames are eligible to be discarded. The value 'false' indicates frames are not eligible to be discarded.	PriorityType	Highest allowed on the bridge port	M, R/W
vlanPcp	This attribute specifies a configurable VLAN PCP for Performance Monitoring OAM message frame transmission. The default configured VLAN PCP should correspond to the CoS which yields the lowest frame delay performance for this EVC. This is not applicable if the MEG is untagged.	Integer		M, R/W

NEW TEXT:

priority	This attribute specifies the priority of frames with Performance Monitoring OAM message information. The value 'true' indicates frames are eligible to be discarded. The value 'false' indicates frames are not eligible to be discarded.	PriorityType	Highest allowed on the bridge port	M, R/W
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vlanPcp	This attribute specifies a configurable VLAN PCP for Performance Monitoring OAM message frame transmission. The default configured VLAN PCP should correspond to the CoS which yields the lowest frame delay performance for this EVC. This is not applicable if the MEG is untagged.	Integer	-	M, R/W
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3. Correction #2: Section 9.3.2.1 EthOamLbCfg

OLD TEXT:

multicastEnabled	This attribute specifies whether a MEP uses unicast or multicast to send the ETH-LM messages (LBM/LBR). A MEP can send ETH-LM messages to unicast or multicast MAC addresses. The value 'true' indicates multicast is enabled. The value 'false' indicates unicast is enabled.	Boolean	false	O, R/W
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NEW TEXT:

multicastEnabled	This attribute specifies whether a MEP uses unicast or multicast to send the ETH-L M messages (LBM/LBR). A MEP can send ETH-L M messages to unicast or multicast MAC addresses. The value 'true' indicates multicast is enabled. The value 'false' indicates unicast is enabled.	Boolean	false	O, R/W
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4. Correction #3: Appendix IV Protocol Specific SNMP MIB Object Mappings

The change below is found in the EthOamCcCfg section of the table.

OLD TEXT:

faultAlarmTime		
faultAlarmResetTime		

NEW TEXT:

faultAlarmTime	dot1agCfmMepFngAlarmTime	
faultAlarmResetTime	dot1agCfmMepFngResetTime	

The change below is found in the EthOamLbCfg section of the table.

OLD TEXT:

lbmMsgStatus		
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NEW TEXT:

lbmMsgStatus	dot1agCfmMepTransmitLbmStatus	
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The change below is found in the EthOamLbStats section of the table.

OLD TEXT:

firstLbmTransId		
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NEW TEXT:

firstLbmTransId	dot1agCfmMepTransmitLbmSeqNumber	
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5. Correction #4: Appendix III Data Type Definitions

OLD TEXT:

PriorityType	This data type represents a frame priority and is represented as an integer in the range 0..7.			Y.1731
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NEW TEXT:

PriorityType	This data type represents a frame priority and is represented as an integer in the range 0..7.	<u>Unsigned Integer</u>	<u>0..7</u>	Y.1731 <u>IEEE 802.1ap</u>
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6. References

- [1] Metro Ethernet Forum, MEF 7.1, Phase 2 EMS-NMS Information Model, October 2009.