

Approved Responses

IEEE P802.3.2a D1.1 YANG Rev Task Force 1st Working Group recirculation ballot comments

Cl 00 SC 0 P0 L0 # 193

Jones, Peter Cisco

Comment Type TR Comment Status D

I've created a new ieee802-ethernet-mau.yang module to provide similar functionality to ianamau-mib.mib and added some of the MAU related information in ieee802-ethernet-interface.yang.

I will present this to the group in Denver.

SuggestedRemedy

Add the draft ieee802-ethernet-mau.yang module into the draft.

Proposed Response Response Status Z

REJECT.

This comment was WITHDRAWN by the commenter.

Cl 00 SC 0 P0 L0 # 192

Jones, Peter Cisco

Comment Type TR Comment Status A

Please use the pyang utility to produce a common structure/format for the YANG modules. I have drafted a procedure document (802.3 management interface process\_0\_0.docx) that I intend to review with the group in Denver, including looking at the before and after YANG Text

SuggestedRemedy

Use proposed tools to programatically format the YANG files for consistency

Response Response Status C

ACCEPT IN PRINCIPLE.

Correct the errors flagged by pyang according to the settings outline in provided document.

Add placeholder where technical content is missig from yang file and request contribution

Cl 00 SC 0 P0 L0 # 191

Jones, Peter Cisco

Comment Type TR Comment Status A

minor changes from D1.1. Diffs attached.

SuggestedRemedy

Please make the changes shown in the yang-diffs-peter-jones.txt file

Response Response Status C

ACCEPT.

Cl 1 SC 1 P14 L30 # 194

Ran, Adeo Cisco

Comment Type T Comment Status A

"... half-duplex and full-duplex data terminal equipment (DTE) using either Carrier Sense Multiple Access/Collision Detection (CSMA/CD) or Multipoint Control Protocol (MPCP), ..."

Ethernet is no longer just CSMA/CD, for many generations and flavors, and MPCP is not the only alternative to CSMA/CD. The full-duplex MAC in Annex 4A (which is not CSMA/CD) replaced the CSMA/CD MAC of Clause 4 in most of the recent Ethernet specifications.

The term CSMA/CD was removed from the name of 802.3 which is now "Standard for Ethernet".

SuggestedRemedy

Change the quoted text to

"data terminal equipment (DTE) using either half-duplex Carrier Sense Multiple Access/Collision Detection (CSMA/CD), full-duplex point-to-point communication, or Multipoint Control Protocol (MPCP)"

Response Response Status C

ACCEPT IN PRINCIPLE.

Change Chapter 1. Overview to "This standard defines YANG modules for various Ethernet functions specified in IEEE Std 802.3."

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CI 1 SC 1.5 P15 L28 # 195

Ran, Adeo Cisco  
 Comment Type E Comment Status A

"may be considered sensitive or vulnerable in some network environments"

"may" has a special meaning in standard language, and is arguably not the right word here; anything may be considered vulnerable somewhere. The sentence seems to suggest that these objects are considered sensitive in some environments.

Several similar statements appear in multiple places in the document (I counted 8 instances of "may be considered sensitive").

*SuggestedRemedy*  
 Change to "are considered sensitive or vulnerable in some network environments".

Change other instances similarly.

Response Response Status C  
 ACCEPT IN PRINCIPLE.  
 With response alignment with IEEE 802.3.1b

Change all instances of "may be considered sensitive or vulnerable in some network environments"

To

"can considered sensitive or vulnerable in some network environments".

CI 5 SC 5.2 P20 L # 196

Ran, Adeo Cisco  
 Comment Type E Comment Status R

Most of the tables that are in landscape orientation have a lot of white space. It seems that the orientation can be changed to portrait and with some resizing of columns there will be no wraparound (and even if there is it's not a real problem). The tables will be somewhat easier to view this way.

*SuggestedRemedy*  
 Change to portrait and resize columns if necessary.

Response Response Status C  
 REJECT.

It is not possible to resize the columns in a way to allow for none wrapping lines for all YANG modules.

CI 5 SC 5.3 P38 L # 197

Ran, Adeo Cisco  
 Comment Type E Comment Status R

listing text in landscape orientation is inefficient. It seems that the orientation can be changed to portrait and with deletion of some white spaces occasionally there will be no wraparound. The text will be somewhat easier to view this way.

*SuggestedRemedy*  
 Change to portrait and remove white space if necessary.

Response Response Status C  
 REJECT.

It is not possible to resize the text which is auto generated and imported by references in a way to allow for none wrapping lines.

CI 7 SC 7.2 P122 L16 # 198

Ran, Adeo Cisco  
 Comment Type E Comment Status A

Subclause 7.2 is titled "YANG module structure" but its content is a detailed overview of the EPON technology and its history.

This is in contrast to 5.1, the corresponding "structure" subclause for the Ethernet YANG module, which does indeed describe the structure (without trying to explain Ethernet or its history).

It seems that most of the content of 7.2 should go into the introduction in 7.1 instead, or alternatively be deleted.

*SuggestedRemedy*  
 Make 7.2 structure similar to that of 5.1, moving the overview content to 7.1 if necessary.

Response Response Status C  
 ACCEPT IN PRINCIPLE.

Will restructure to match clause structure of IEEE 802.3.1

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CI 7 SC 7.2.1 P123 L3 # 199  
 Ran, Adeo Cisco  
 Comment Type T Comment Status R  
 There is also Nx25G-EPON in Clause 141. If it is relevant, it should be added to the list (and corresponding changes should be made to the clause text). Otherwise, it should be explicitly excluded.  
 SuggestedRemedy  
 Per comment  
 Response Response Status C  
 REJECT.  
 Since Nx25G-EPON is not referenced, it is not covered. We do not want to list what is NOT included (the list would be very long for each module) and rather just list what is included, as covered by Clause 7.

CI 7 SC 7.2.4 P124 L30 # 200  
 Ran, Adeo Cisco  
 Comment Type E Comment Status A  
 Stray "1" in "1defined"  
 SuggestedRemedy  
 delete "1"  
 Response Response Status C  
 ACCEPT.

CI 7 SC 7.4.2 P138 L6 # 201  
 Ran, Adeo Cisco  
 Comment Type T Comment Status A  
 "should any discrepancy between the text of the description for individual YANG nodes and the corresponding definition in 7.2 through 7.4 of this clause occur, the definitions and mappings in 7.4 shall take precedence"  
 7.4 itself only points to RFC 8407. Since 7.4.2 is within 7.4, it is unclear what potential discrepancy is addressed here, and what takes precedence over what.  
 SuggestedRemedy  
 Clarify.  
 Response Response Status C  
 ACCEPT IN PRINCIPLE.  
 Remove text in Clause 7.4.2 page 138 row 3 through 6  
 " In the following YANG module definition, should any discrepancy between the text of the description for individual YANG nodes and the corresponding definition in 7.2 through 7.4 of this clause occur, the definitions and mappings in 7.4 shall take precedence. "  
 For alignment remove similar text construct in other subclauses

CI 7 SC 7.4.2 P138 L14 # 202  
 Ran, Adeo Cisco  
 Comment Type E Comment Status A  
 footnote number is 0  
 SuggestedRemedy  
 fix it  
 Response Response Status C  
 ACCEPT.

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Cl 8 SC 8 P171 L1 # 205

Ran, Adeo Cisco  
Comment Type E Comment Status A

The acronym "ELO" appears only once, here in the clause heading, and then in the acronym list. It is not used in the 802.3 standard at all. . Apparently it isn't helpful in this context.

SuggestedRemedy

Delete the acronym here and in the list. Consider renaming to "Ethernet OAM".

Response Response Status C

ACCEPT IN PRINCIPLE.

Remove the abrivation ELO from heading and abrivation list

Change text from

"  
YANG module for Ethernet Link OAM (ELO)  
"  
TO  
"  
YANG module for Ethernet Link OAM  
"

Cl 8 SC 8.1 P171 L7 # 204

Ran, Adeo Cisco  
Comment Type T Comment Status R

Clause 8 relates to OAM as if it is a specific feature of Clause 57.

There are other flavors of Ethernet that include OAM. In 802.3-2022, OAM is mentioned in clauses 97, 115, and 149. It seems that these clauses are also relevant here.

If clause 8 is specific to the OAM in clause 57 of 802.3 and not to other usages of this term, then some clarification that other instances are not addressed by this clause is required.

If all flavors of OAM are relevant then the other ones should be listed too.

SuggestedRemedy

Per comment

Response Response Status C

REJECT.

Terminology of Clause 8 Ethenet link matches IEEE 802.3-2022 Clause 57

Cl 8 SC 8 P171 L1 # 203

Ran, Adeo Cisco  
Comment Type E Comment Status R

The structure of clause 8 is very different than that of clauses 5 and 6. The introduction and overview subclauses include a detailed description of the technology which seems unnecessary in this document, and may have discrepancy with the normative definitions in 802.3. Few people will check for such discrepancies; it would be better to point to 802.3 instead.

The structure of clause 5 seems more appropriate.

SuggestedRemedy

Align the structure of this clause to clause 5 and remove the details of the technology.

Response Response Status C

REJECT.  
Insufficient justification for change