

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl FM SC FM P1 L1 # i-18
 Anslow, Peter Ciena Corporation
Comment Type E Comment Status A bucket
 "IEEE P802.3.2(TM)/D2.1" should be "IEEE P802.3.2(TM)/D3.0"
SuggestedRemedy
 replace "D2.1" with the draft number text inset.
Response Response Status C
 ACCEPT.

Cl FM SC FM P2 L1 # i-19
 Anslow, Peter Ciena Corporation
Comment Type E Comment Status A bucket
 The even page header in the front matter is for P802.3cc
SuggestedRemedy
 Make consistent with the other headers.
Response Response Status C
 ACCEPT.

Cl FM SC FM P7 L21 # i-20
 Anslow, Peter Ciena Corporation
Comment Type E Comment Status A bucket
 The column sizes in the list of WG ballot participants need changing to avoid any names wrapping across two lines.
SuggestedRemedy
 Re-size the columns to be the same as the latest version of the 802.3 FrameMaker template.
Response Response Status C
 ACCEPT.

Cl FM SC FM P8 L2 # i-21
 Anslow, Peter Ciena Corporation
Comment Type E Comment Status A bucket
 The first 6 names on page 8 are repeats of names on page 7.
SuggestedRemedy
 Remove "McMillan, Larry" through "Migueluez, Phil" from the list on page 8
Response Response Status C
 ACCEPT.

Cl FM SC FM P10 L1 # i-22
 Anslow, Peter Ciena Corporation
Comment Type E Comment Status A bucket
 The heading for "Introduction" is missing.
SuggestedRemedy
 Add the heading
Response Response Status C
 ACCEPT.

Cl FM SC FM P10 L1 # i-116
 Grow, Robert RMG Consulting
Comment Type E Comment Status A bucket
 The title "Introduction" is missing.
SuggestedRemedy
 Please restore the title. (If necessary, get the templates fixed.)
Response Response Status C
 ACCEPT.

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Cl **FM** SC **FM** P10 L6 # i-117
 Grow, Robert RMG Consulting

Comment Type **E** Comment Status **A**

The introduction is too terse.

SuggestedRemedy

In consultation with the WG Chair, modify to make the Introduction more helpful. Something more on the lines of IEEE Std 802.3.1 would be good. The Introduction should describe better the base document(s) used for this standard. (With the approval of P802.3bt, and IEEE Std 802.3bt-2918 by definition becoming part of IEEE Std 802.3-2018, this is very important.) and include some description of the parts of Std 802.3 management included in this standard. This standard will likely be IEEE Std 802.3.2-2019, but there should be two 802.3 amendments dated 2018, therefore, the introduction should be clear on whether this standard includes capabilities associated with amendments to 802.3-2018. It also should address that capabilities are based on Clause 30 and IETF defined management attributes.

Response Response Status **C**

ACCEPT IN PRINCIPLE.

Use the following text for introduction

The YANG modules included in this standard provide YANG versions of attributes defined in IEEE Std 802.3, Clause 30, as well as derivative attributes defined in other management information bases (e.g., SNMP attributes included in IEEE Std 802.3.1, YANG versions of IETF Etherlike MIB attributes, etc.). The YANG modules defined in this standard accommodate IEEE Std 802.3-2018, excluding any currently published or future amendments. As IEEE Std 802.3 continues to evolve, new revisions of this standard may be published in the future to address new technologies and features.

Cl **FM** SC **FM** P10 L7 # i-118
 Grow, Robert RMG Consulting

Comment Type **E** Comment Status **A** bucket

The 2018 revision has been published.

SuggestedRemedy

The Introduction should reference IEEE Std 802.3-2018 (not 201X).

Response Response Status **C**

ACCEPT.

Cl **FM** SC **FM** P10 L8 # i-119
 Grow, Robert RMG Consulting

Comment Type **E** Comment Status **A** bucket

Grammar.

SuggestedRemedy

"results" should be "result"

Response Response Status **C**

ACCEPT.

Cl **0** SC **0** P L # i-27
 Perry, Lisa

Comment Type **G** Comment Status **A** bucket

This draft meets all editorial requirements.

SuggestedRemedy

Response Response Status **C**

ACCEPT.

Cl 1 SC 1 P1 L1 # i-244
Mansfield, Scott

Comment Type E Comment Status R

Please change "ethernet" to "dot3" in the names of all P802.3.2 related modules (module name, namespace, and file name)

SuggestedRemedy

For example:

```
ieee802-ethernet-interface.yang
to
ieee802-dot3-interface.yang
```

Another example:

```
module ieee802-ethernet-interface {
  yang-version 1.1;
```

```
  namespace
    "urn:ieee:std:802.3:yang:ieee802-ethernet-interface";
```

To

```
module ieee802-dot3-interface {
  yang-version 1.1;
```

```
  namespace
    "urn:ieee:std:802.3:yang:ieee802-dot3-interface";
```

Please complete for:

```
ieee802-ethernet-interface-half-duplex.yang
ieee802-ethernet-interface.yang
ieee802-ethernet-link-oam.yang
ieee802-ethernet-pon.yang
ieee802-ethernet-pse.yang
```

Response Response Status C

REJECT.

Based on item 4 from September 2018 meeting (http://www.ieee802.org/3/cf/public/sept18/unconfirmed_minutes_yang_0918.pdf), decision of TF was to stay with "ethernet" designator. IEEE Std 802.3 is titled "Ethernet" and Ethernet is a well-recognized "brand" name.

Cl 1 SC 1 P14 L4 # i-120
Grow, Robert RMG Consulting

Comment Type TR Comment Status A

The use of an undated reference (i.e., IEEE Std 802.3) indicates the current version of the reference. Today, this reference includes approved P802.3bt, approved P802.3cb, and by completion should include at a minimum P802.3cd. This standard clearly can't track a moving target. A dated reference should be used, and clarity should be added on what parts of IEEE Std 802.3-2018 are not included. It appears that the current approved amendments are not included. It would also be appropriate to indicate that the YANG modules do not include all cmanagement capabilities for DTE specified in Clause 30.

SuggestedRemedy

Add appropriate words about this standard incorporating selected management capabilities for some DTEs defined in IEEE Std 802.3-2018.

Response Response Status U

ACCEPT IN PRINCIPLE.

Change

This standard defines YANG modules for Ethernet data terminal equipment (DTE) specified in IEEE Std 802.3. This includes DTEs operating on mixing segments, using either Carrier Sense Multiple Access / Collision Detection (CSMA/CD) or multipoint control protocol (MPCP), link segments, and as Power Sourcing Equipment (PSE).

To

This standard defines YANG modules for various Ethernet devices specified in IEEE Std 802.3. This includes half-duplex and full-duplex data terminal equipment (DTE) using either Carrier Sense Multiple Access / Collision Detection (CSMA/CD) or multipoint control protocol (MPCP), and Power Sourcing Equipment (PSE).

Cl 1 SC 1 P14 L6 # i-121
Grow, Robert RMG Consulting

Comment Type E Comment Status A bucket

Inconsistent capitalization of Multipoint Control Protocol (though Std 802.3 is not consistent, this capitalization is most common).

SuggestedRemedy

Change this instance.

Response Response Status C

ACCEPT IN PRINCIPLE.

Change "multipoint control protocol (MPCP)," to "Multipoint Control Protocol (MPCP),"

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Cl 1 SC 1.3 P14 L26 # i-140
 Cummings, Rodney National Instruments C

Comment Type GR Comment Status A

"https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft" is not the correct URL, because once 802.3.2 publishes, its YANG module will no longer be a draft.

According to the most recent decision in the IEEE 802 YANGsters group:
<https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-repository-guidelines/>

the location would be
["https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published"](https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published)

SuggestedRemedy

Coordinate with IEEE 802 YANGsters to determine the correct GitHub location for published IEEE working group YANG modules.

If for some reason that coordination fails, use
["https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published"](https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published)

Response Response Status W

ACCEPT IN PRINCIPLE.

Insert editorial note with the following text:

URL: <https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft> to be replaced with <https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published> at publication time.

Cl 1 SC 1.4 P14 L44 # i-31
 Remein, Duane Huawei Technologies

Comment Type T Comment Status R bucket

It would be better if we did not restrict the higher protocol to just NETCONF and RESTCONF as in the following statement: Managed objects defined using YANG modelling language are hosted on the managed device and accessed through NETCONF (see IETF RFC 6241) or RESTCONF (see IETF RFC 8040).
 Same issue pg 17 line 10.

SuggestedRemedy

Change:
 "NETCONF (see IETF RFC 6241) and RESTCONF (see IETF RFC 8040)" to
 "NETCONF (see IETF RFC 6241) or RESTCONF (see IETF RFC 8040)"

Response Response Status C

REJECT.

Text already reads "NETCONF (see IETF RFC 6241) or RESTCONF (see IETF RFC 8040)."

Cl 1 SC 1.5 P14 L51 # i-32
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

There are multiple modules.

SuggestedRemedy

Change:
 "The YANG module defined ..." to
 "The YANG modules defined ..."

Response Response Status C

ACCEPT.

Cl 1 SC 1.5 P14 L63 # i-33
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

There are multiple modules.
 The same issue exists on pg 15 line 4 and 9

SuggestedRemedy

Change:
 "this YANG module ..." to
 "these YANG modules ..."

Response Response Status C

ACCEPT.

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Cl 1 SC 1.6 P15 L14 # i-122
 Grow, Robert RMG Consulting
 Comment Type TR Comment Status A
 The title Conformance does not use the word in the context typically used in 802.3 nor in the IEEE frontmatter boilerplate text.
 SuggestedRemedy
 Consider changing to "Syntax validation".
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change title of 1.6 to "YANG module syntax validation"

Cl 1 SC 1.6 P15 L18 # i-34
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status D
 It would be good to provide an exhaustive list of tools and their editions/version used to validate the modules to allow recreation of the environment under which the modules were developed.
 SuggestedRemedy
 List all validation tools used and their version/edition.
 Proposed Response Response Status Z
 REJECT.
 This comment was WITHDRAWN by the commenter.
 Generating such a exhaustive list will only attract comments on why specific other tools are excluded, and also become quickly outdated given the constant updates to YANG syntax. Tool examples are already listed page 15, lines 20-22.

Cl 2 SC 2 P16 L9 # i-139
 Grow, Robert RMG Consulting
 Comment Type TR Comment Status A
 There is no reference to IEEE Std 802.1 which is referenced in the modules. There is no reference to IEEE Std 802d, which specifies the use of the IEEE branch of the URN arcs.
 SuggestedRemedy
 Add references.
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Add reference to 802.1Q-2014, update all references from 802.1D to 802.1Q (functions have been merged into 802.1Q by now).
 Add reference to 802d-2017, IEEE Standard for Local and Metropolitan Area Networks:Overview and Architecture Amendment 1: Allocation of Uniform Resource Name (URN) Values in IEEE 802(R) Standards

Cl 2 SC 2 P16 L13 # i-1
 Hajduczenia, Marek Charter Communicatio
 Comment Type E Comment Status A bucket
 An editorial note can be removed. Also, fix the publication date for 802.3-2018 to read 31 August 2018
 SuggestedRemedy
 Per comment
 Response Response Status C
 ACCEPT.

Cl 2 SC 2 P16 L13 # i-123
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 The Editorial Note is no longer relevant
 SuggestedRemedy
 Remove the note.
 Response Response Status C
 ACCEPT.

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Cl 2 SC 2 P16 L13 # i-35
 Remein, Duane Huawei Technologies
 Comment Type **ER** Comment Status **A** bucket
 It is highly unlikely that the edition of 802.3 will change from that referenced and P802.3cj has completed it's work.
 SuggestedRemedy
 remove the Ed Note.
 Response Response Status **W**
 ACCEPT.

Cl 2 SC 2 P16 L31 # i-37
 Remein, Duane Huawei Technologies
 Comment Type **TR** Comment Status **A** bucket
 RFC 5246
 Per https://datatracker.ietf.org/doc/rfc8446/ RFC 5246 is obsolete.
 SuggestedRemedy
 Replace with RFC 8446
 Response Response Status **W**
 ACCEPT.

Cl 2 SC 2 P16 L28 # i-36
 Remein, Duane Huawei Technologies
 Comment Type **TR** Comment Status **D**
 RFC 3621
 Is IETF RFC 3621, Power Ethernet MIB, A. Berger, December 2003 still in force or has it been superseded by 802.3.1 2013? If superseded it should not be referenced or noted as obsolete.
 SuggestedRemedy
 Remove the outdated ref.
 Proposed Response Response Status **Z**
 REJECT.
 This comment was WITHDRAWN by the commenter.
 RFC 3621 is still in force from IETF side not superseded by the IEEE Std 802.3.1

Cl 2 SC 2 P16 L39 # i-38
 Remein, Duane Huawei Technologies
 Comment Type **TR** Comment Status **A** bucket
 RFC 6241
 Per https://datatracker.ietf.org/doc/rfc8446/ RFC 6241 has been updated by RFC 7803
 SuggestedRemedy
 Add ref to RFC 7803
 Response Response Status **W**
 ACCEPT.

Cl 2 SC 2 P16 L30 # i-127
 Grow, Robert RMG Consulting
 Comment Type **TR** Comment Status **A** bucket
 With the addition of Table 5-2, RFC 3635, EtherLike MIB should be added to the normative references.
 SuggestedRemedy
 Add reference.
 Response Response Status **W**
 ACCEPT IN PRINCIPLE.
 Add reference IETF RFC 3635, Definitions of Managed Objects for the Ethernet-like Interface Types, September 2003

Cl 2 SC 2 P16 L46 # i-39
 Remein, Duane Huawei Technologies
 Comment Type **TR** Comment Status **A** bucket
 RFC 6536
 Per https://datatracker.ietf.org/doc/rfc6536/ RFC 6536 is obsolete.
 SuggestedRemedy
 Replace with RFC 8341
 Response Response Status **W**
 ACCEPT.

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Cl 2 SC 2 P16 L55 # i-40
 Remein, Duane Huawei Technologies
 Comment Type **TR** Comment Status **A** bucket
 RFC 7950
 Per <https://datatracker.ietf.org/doc/rfc7950/> RFC 7950 has been updated.
 SuggestedRemedy
 Add ref to RFC 8342
 Response Response Status **W**
 ACCEPT.

Cl 3 SC 3 P17 L5 # i-124
 Grow, Robert RMG Consulting
 Comment Type **ER** Comment Status **A**
 A number of terms used in the document are defined in Std 802.3. Can we modify the header text (e.g., add a sentence or a new paragraph or a NOTE) to describe this?
 SuggestedRemedy
 Some terms used in this document are defined in IEEE Std 802.3, and where alternative definitions occur in the IEEE Standards Dictionary, the IEEE 802.3 definition should be used.
 Response Response Status **C**
 ACCEPT IN PRINCIPLE.
 Insert the proposed sentence after "apply" page 17, line 4

Cl 3 SC 3.1 P17 L7 # i-41
 Remein, Duane Huawei Technologies
 Comment Type **E** Comment Status **A** bucket
 missing period at end of sentence.
 SuggestedRemedy
 per comment
 Response Response Status **C**
 ACCEPT.

Cl 4 SC 4 P18 L5 # i-125
 Grow, Robert RMG Consulting
 Comment Type **ER** Comment Status **A**
 A large number of acronyms are used in the document but not included here. The recommended list of additions includes acronyms with multiple uses and at least one use not being expanded.

SuggestedRemedy
 CSMA/CD carrier sense multiple access with collision detection (note this one isn't included in Std 802.3 acronymns)
 DTE data terminal equipment
 EPON Ethernet passive optical networks (though all uses found are in clause 7, the number of uses justifies inclusion)
 IEEE Institute of Electrical and Electronics Engineers
 IETF Internet Engineering Task Force
 NETCONF Network Configuration Protocol
 PoE Power over Ethernet
 RESTCONF ???? (not expanded in the normative reference title)

Response Response Status **C**
 ACCEPT IN PRINCIPLE.
 Use the following list of acronyms
 CSMA/CD carrier sense multiple access with collision detection
 DTE data terminal equipment
 EPON Ethernet passive optical networks
 IEEE Institute of Electrical and Electronics Engineers
 IETF Internet Engineering Task Force
 NETCONF Network Configuration Protocol
 PoE Power over Ethernet
 RESTCONF RESTful Configuration Protocol
 Insert editorial note to staff editor to maintain capitalization as is.

Cl 5 SC 5.1 P19 L14 # i-141
 Cummings, Rodney National Instruments C

Comment Type GR Comment Status A

It is unclear whether these two sentences are intended to be normative.
 If yes, "shall" "should" or "may" is needed.
 If yes, it would be acceptable to state that the listed attributes (name, description, etc)
 "shall" be supported.
 If yes, it would not be acceptable to state that "Other attributes shall not be supported".
 Other attributes include oper-status, which is essential to use of an interface. Without oper-
 status, it is impossible to determine if an interface is up or down (because admin-status
 does not tell you that).

The Proposed Change assumes that the answer is no, and therefore this standard cannot
 make a statement regarding other attributes.

SuggestedRemedy

Replace the two sentences with "This standard does not have a normative requirement for
 data nodes of the base ietf-interfaces YANG module, but the following data nodes are
 expected to be supported: name, description, type, enabled, admin-status, oper-status, if-
 index, and phys-address."

Response Response Status W

ACCEPT IN PRINCIPLE.

Replace the two sentences with "This standard does not have a normative requirement for
 data nodes of the base ietf-interfaces YANG module, but the following data nodes are
 supported: name, description, type, enabled, admin-status, oper-status, if-index, and phys-
 address."

Cl 5 SC 5.2 P19 L49 # i-42
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

The Editorial Note seems to be conveying information that would be useful to the reader
 which should be retained in the published document. Furthermore there is no reference to
 Table 5-3.

SuggestedRemedy

Remove the Editorial Note and add the following at the end of the para in 5.2.
 Nodes that do not map into RFC 2819 (RMON) but into the ETHERLIKE MIB appear in
 Table 5-3.

Response Response Status C

ACCEPT IN PRINCIPLE.

Remove the Editorial Note

Cl 5 SC 5.2 P19 L50 # i-2
 Hajduczenia, Marek Charter Communicatio

Comment Type E Comment Status A bucket

Unnecessary editorial note

SuggestedRemedy

Remove the note on line 50-52.

Response Response Status C

ACCEPT.

Cl 5 SC 5.2 P20 L24 # i-231
 Weber, Karl Beckhoff Automation

Comment Type TR Comment Status R SI

speed is m/s according to SI units

SuggestedRemedy

Change to data rate

Response Response Status W

REJECT.

Used consistently with IETF RFC, for example see leaf "speed" in
<https://tools.ietf.org/html/rfc7223> defining YANG Data Model for Interface Management.

Moreover, definition of "units" in RFC6020 (<https://tools.ietf.org/html/rfc6020#page-50>) does
 not mandate the use of SI units, stating that it is "a string that contains a textual definition
 of the units associated with the type".

Furthermore, the definition of baud (Bd) used heavily in IEEE Std 802.3 standard reads 'A
 unit of signaling speed, expressed ...'. ANSI/IEEE Std 260.1-2004 'IEEE Standard Letter
 Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain
 Other Units)' which is referenced by the IEEE-SA Standards Style Guide also defines baud
 as 'In telecommunications, a unit of signaling >>speed<< equal to one element per
 second.', see <http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html#bps>.

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Cl 5 SC 5.2 P21 L45 # i-23
 Anslow, Peter Ciena Corporation
Comment Type E Comment Status A bucket
 The final bottom border in Table 5-1 should be "Thin" i.e., follow the table definition.
SuggestedRemedy
 Remove the override from the final bottom border in Table 5-1
Response Response Status C
 ACCEPT.

Cl 5 SC 5.2 P22 L19 # i-126
 Grow, Robert RMG Consulting
Comment Type E Comment Status A bucket
 The titles of Table 5-2 and 5-3 are inconsistent. One uses the RFC (RFC 2819, RMON) and the other the common name (RFC 3635 EtherLike MIB).
SuggestedRemedy
 Make consistent, preferably using RFC #.
Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change title of Table 5-3 to read: "Mapping between IETF RFC 3635 managed objects and ieee802-ethernet-interface YANG data nodes"

Cl 5 SC 5.3.1 P24 L19 # i-232
 Weber, Karl Beckhoff Automation
Comment Type TR Comment Status R SI
 speed is m/s according to SI units
SuggestedRemedy
 Change to data rate
Response Response Status W
 REJECT.

Used consistently with IETF RFC, for example see leaf "speed" in <https://tools.ietf.org/html/rfc7223> defining YANG Data Model for Interface Management.
 Moreover, definition of "units" in RFC6020 (<https://tools.ietf.org/html/rfc6020#page-50>) does not mandate the use of SI units, stating that it is "a string that contains a textual definition of the units associated with the type".
 Furthermore, the definition of baud (Bd) used heavily in IEEE Std 802.3 standard reads 'A unit of signaling speed, expressed ...'. ANSI/IEEE Std 260.1-2004 'IEEE Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)' which is referenced by the IEEE-SA Standards Style Guide also defines baud as 'In telecommunications, a unit of signaling >>speed<< equal to one element per second.', see <http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html#bps>.

Cl 5 SC 5.3.2 P26 L3 # i-43
 Remein, Duane Huawei Technologies
Comment Type E Comment Status A bucket
 The sub-clause refers to multiple YANG modules.
SuggestedRemedy
 Change:
 "In the following YANG module definition, ..." to
 "In the following YANG module definitions, ..."
Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2 P26 L3 # i-44
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

This para, and those similar to it in 6.5.2 pg 54 line 3, 7.4.2 pg 79 line 3, and 8.5.2 pg 130 line 3, is extremely confusing due to multiple circular references to 5.2, 5.3 and "this clause" (presumably Clause 5).

"In the following YANG module definition, should any discrepancy between the DESCRIPTION text and the corresponding definition in 5.2 through 5.3 of this clause occur, the definitions and mappings in 5.3 shall take precedence."

What is "DESCRIPTION text" referring to? I can find no other occurrence of ""DESCRIPTION" except in these four paras. If it is referring to text following the YANG attribute "description" then the references to "corresponding definition in 5.2 through 5.3" and "definitions and mappings in 5.3" do not make sense given that the YANG attribute "description" is part of sub-clause 5.3.

SuggestedRemedy

If "DESCRIPTION text" refers to one or more of the ~478 instances of the YANG attribute "description" in the module itself then:

Change:

"DESCRIPTION text and the corresponding definition in 5.2 through 5.3 of this clause occur, the definitions and mappings in 5.3 shall take precedence." to:

"YANG description attributes in 5.3.2.1 or 5.3.2.2 and the corresponding mappings in 5.2 and tree hierarchy in 5.3.1 occur, the definitions in the YANG code in 5.3.2.1 and 5.3.2.2 shall take precedence."

italicize description in the above change.

Make similar changes in 6.5.2, 7.4.2, and 8.5.2.

Response Response Status C

ACCEPT IN PRINCIPLE.

Change "DESCRIPTION text" to "text of description for individual YANG nodes" in all Clauses.

Cl 5 SC 5.3.2 P26 L9 # i-142
 Cummings, Rodney National Instruments C

Comment Type GR Comment Status A

"<https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft>" is not the correct URL, because once 802.3.2 publishes, its YANG module will no longer be a draft.

According to the most recent decision in the IEEE 802 YANGsters group:

<https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-repository-guidelines/>

the location would be

"<https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published>"

SuggestedRemedy

Coordinate with IEEE 802 YANGsters to determine the correct GitHub location for published IEEE working group YANG modules.

If for some reason that coordination fails, use

"<https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published>"

Response Response Status W

ACCEPT IN PRINCIPLE.

Insert editorial note with the following text:

URL: <https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft> to be replaced with

<https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published> at publication time.

Cl 5 *SC* 5.3.2 *P27* *L10* # i-233
 Weber, Karl Beckhoff Automation

Comment Type **TR** *Comment Status* **R** *SI*
 speed is m/s according to SI units

SuggestedRemedy
 Change to data rate

Response *Response Status* **W**
 REJECT.

Used consistently with IETF RFC, for example see leaf "speed" in <https://tools.ietf.org/html/rfc7223> defining YANG Data Model for Interface Management.

Moreover, definition of "units" in RFC6020 (<https://tools.ietf.org/html/rfc6020#page-50>) does not mandate the use of SI units, stating that it is "a string that contains a textual definition of the units associated with the type".

Furthermore, the definition of baud (Bd) used heavily in IEEE Std 802.3 standard reads 'A unit of signaling speed, expressed ...'. ANSI/IEEE Std 260.1-2004 'IEEE Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)' which is referenced by the IEEE-SA Standards Style Guide also defines baud as 'In telecommunications, a unit of signaling >>speed<< equal to one element per second.', see <http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html#bps>.

Cl 5 *SC* 5.3.2 *P27* *L17* # i-234
 Weber, Karl Beckhoff Automation

Comment Type **TR** *Comment Status* **R** *SI*
 speed is m/s according to SI units

SuggestedRemedy
 Change to data rate

Response *Response Status* **W**
 REJECT.

Used consistently with IETF RFC, for example see leaf "speed" in <https://tools.ietf.org/html/rfc7223> defining YANG Data Model for Interface Management.

Moreover, definition of "units" in RFC6020 (<https://tools.ietf.org/html/rfc6020#page-50>) does not mandate the use of SI units, stating that it is "a string that contains a textual definition of the units associated with the type".

Furthermore, the definition of baud (Bd) used heavily in IEEE Std 802.3 standard reads 'A unit of signaling speed, expressed ...'. ANSI/IEEE Std 260.1-2004 'IEEE Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)' which is referenced by the IEEE-SA Standards Style Guide also defines baud as 'In telecommunications, a unit of signaling >>speed<< equal to one element per second.', see <http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html#bps>.

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Cl 5 **SC 5.3.2** **P30** **L48** # **i-235**

Weber, Karl Beckhoff Automation

Comment Type **TR** **Comment Status** **R** **SI**

 speed is m/s according to SI units

SuggestedRemedy

 Change to data rate

Response **Response Status** **W**

 REJECT.

Used consistently with IETF RFC, for example see leaf "speed" in <https://tools.ietf.org/html/rfc7223> defining YANG Data Model for Interface Management.

Moreover, definition of "units" in RFC6020 (<https://tools.ietf.org/html/rfc6020#page-50>) does not mandate the use of SI units, stating that it is "a string that contains a textual definition of the units associated with the type".

Furthermore, the definition of baud (Bd) used heavily in IEEE Std 802.3 standard reads 'A unit of signaling speed, expressed ...'. ANSI/IEEE Std 260.1-2004 'IEEE Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)' which is referenced by the IEEE-SA Standards Style Guide also defines baud as 'In telecommunications, a unit of signaling >>speed<< equal to one element per second.', see <http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html#bps>.

Cl 5 **SC 5.3.2** **P30** **L49** # **i-236**

Weber, Karl Beckhoff Automation

Comment Type **TR** **Comment Status** **R** **SI**

 speed is m/s according to SI units

SuggestedRemedy

 Change to data rate

Response **Response Status** **W**

 REJECT.

Used consistently with IETF RFC, for example see leaf "speed" in <https://tools.ietf.org/html/rfc7223> defining YANG Data Model for Interface Management.

Moreover, definition of "units" in RFC6020 (<https://tools.ietf.org/html/rfc6020#page-50>) does not mandate the use of SI units, stating that it is "a string that contains a textual definition of the units associated with the type".

Furthermore, the definition of baud (Bd) used heavily in IEEE Std 802.3 standard reads 'A unit of signaling speed, expressed ...'. ANSI/IEEE Std 260.1-2004 'IEEE Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)' which is referenced by the IEEE-SA Standards Style Guide also defines baud as 'In telecommunications, a unit of signaling >>speed<< equal to one element per second.', see <http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html#bps>.

Cl 5 **SC 5.3.2** **P30** **L53** # **i-237**

Weber, Karl Beckhoff Automation

Comment Type **TR** **Comment Status** **A**

 speed is m/s according to SI units

SuggestedRemedy

 Change to data rate

Response **Response Status** **W**

 ACCEPT IN PRINCIPLE.

 Change "Operational speed" to "Operational speed (data rate)"

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Cl 5 SC 5.3.2 P44 L49 # i-238
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 speed is m/s according to SI units
 SuggestedRemedy
 Change to data rate
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Change "operating at speeds" to "operating at speeds (data rates)"

Cl 5 SC 5.3.2 P45 L7 # i-239
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 speed is m/s according to SI units
 SuggestedRemedy
 Change to data rate
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Change
 Dynamic rate control is enabled for a 10GB/s Ethernet interface to the SONET/SDH OC192/STM64 speed
 To
 Dynamic rate control is enabled for a 10Gb/s Ethernet interface to SONET/SDH OC192/STM64

Cl 5 SC 5.3.2 P45 L37 # i-241
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 speed is m/s according to SI units
 SuggestedRemedy
 Change to data rate
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Change

Enables dynamic rate control and specifies what speed the dynamic rate control is operating at. The speeds that may be configured are constrained by the MAC data rate, and hardware support.
 To
 Enables dynamic rate control and specifies what speed (data rate) the dynamic rate control is operating at. The value of this attribute is constrained by the MAC data rate and hardware support.

Cl 5 SC 5.3.2 P45 L38 # i-243
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 speed is m/s according to SI units
 SuggestedRemedy
 Change to data rate
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Change
 Enables dynamic rate control and specifies what speed the dynamic rate control is operating at. The speeds that may be configured are constrained by the MAC data rate, and hardware support.
 To
 Enables dynamic rate control and specifies what speed (data rate) the dynamic rate control is operating at. The value of this attribute is constrained by the MAC data rate and hardware support.

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Cl 5 SC 5.3.2 P46 L4 # i-240
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 speed is m/s according to SI units
 SuggestedRemedy
 Change to data rate
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Change "operating at speeds" to "operating at speeds (data rates)"

Cl 5 SC 5.3.2 P46 L46 # i-242
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 speed is m/s according to SI units
 SuggestedRemedy
 Change to data rate
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Change "operating at speeds" to "operating at speeds (data rates)"

Cl 5 SC 5.3.2.1 P26 L14 # i-45
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 What is meant by "Revision entry" and "date of last revisions"? These terms do not appear in the module itself.
 Same issue 5.3.2.2 Pg 43 line 47, 6.5.2 pg 54 line 11, ,7.4.2 pg 79 line 11, and 8.5.2 pg 130 line 11
 SuggestedRemedy
 Clarify which attributes in the YANG module are being referred to.
 Response Response Status C
 ACCEPT IN PRINCIPLE.

Change the text of editorial note in all modules to read as follows
 Editorial Note (to be removed prior to publication): At the publication time, insert revision statement (as shown below) immediately after "prefix" statement

```
revision <publication-date-in-yyyy-mm-dd-format> {
    description "Initial revision.";
}
```

Cl 5 SC 5.3.2.1 P26 L44 # i-3
 Hajduczenia, Marek Charter Communicatio
 Comment Type T Comment Status A
 iana-if-type reference is outdated + this module is maintained by IANA itself and published on their website. Right now, we are pointing to Git location, which is nothing more than a symbolink reference to iana-if-type@2017-01-19.yang module published on IANA website. We can make a direct reference to latest version instead.
 SuggestedRemedy
 Change

```
reference "https://github.com/YangModels/yang/blob/master/standard/ietf/RFC/iana-if-type.yang";
```

 to

```
reference "http://www.iana.org/assignments/yang-parameters/iana-if-type@2018-07-03.yang";
```

 Response Response Status C
 ACCEPT.

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Cl 5 SC 5.3.2.1 P26 L56 # i-46
 Remein, Duane Huawei Technologies

Comment Type GR Comment Status A

This contact URL will become obsolete when the project finishes. It should ref the 802.3 Working Group not the project.

SuggestedRemedy
 Globally change "Web URL: <http://www.ieee802.org/3/cf/>" to "Web URL: <http://www.ieee802.org/3/>"

Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.1 P27 L10 # i-158
 Weber, Karl Beckhoff Automation

Comment Type TR Comment Status R SI

speed-type is not the appropriate term (speed should mean "data rate")

SuggestedRemedy
 Replace this parameter by "phy-type" according to IEEE 802.3 30.3.2.1.2

Response Response Status W
 REJECT.

Used consistently with IETF RFC, for example see leaf "speed" in <https://tools.ietf.org/html/rfc7223> defining YANG Data Model for Interface Management.

Moreover, definition of "units" in RFC6020 (<https://tools.ietf.org/html/rfc6020#page-50>) does not mandate the use of SI units, stating that it is "a string that contains a textual definition of the units associated with the type".

Furthermore, the definition of baud (Bd) used heavily in IEEE Std 802.3 standard reads 'A unit of signaling speed, expressed ...'. ANSI/IEEE Std 260.1-2004 'IEEE Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)' which is referenced by the IEEE-SA Standards Style Guide also defines baud as 'In telecommunications, a unit of signaling >>speed<< equal to one element per second.', see <http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html#bps>.

Cl 5 SC 5.3.2.1 P28 L57 # i-4
 Hajduczenia, Marek Charter Communicatio

Comment Type E Comment Status A bucket

No need to use the reference to 802.3 anymore, it is clearly defined that any "Ethernet interface" is an IEEE Std 802.3 compliant Ethernet interface

SuggestedRemedy
 Change "IEEE Std 802.3 Ethernet interface" to "Ethernet interface" in following locations (page/line):
 28/57
 32/39
 44/31

Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.1 P31 L24 # i-159
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy
 Delete units - line

Response Response Status C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P31 L46 # i-160
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy
 Delete units - line

Response Response Status C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

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Cl 5 SC 5.3.2.1 P32 L3 # i-28
 Zhuang, Yan Huawei Technologies

Comment Type T Comment Status A

There is no such thing as "Priority-based PAUSE frame". It is called "PFC frame".

Word "will" shall not be used.

I cannot understand the intended meaning of the following text: "If explicitly configured, when auto-negotiated is enabled, then the configuration will restrict the priority PAUSE frame based flow control settings that can be negotiated. The default value is implementation-dependent."

--from Glen Kramer

SuggestedRemedy

Replace description
 "IEEE Std 802.3 Priority-based PAUSE frame based flow control." with "IEEE Std 802.3 Priority-based flow control."

Use the following leaf enable description:
 "True indicates that IEEE Std 802.3 priority-based flow control is enabled, false indicates that IEEE Std 802.3 priority-based flow control is disabled. For interfaces that have auto-negotiation, the priority-based flow control is enabled by default."

Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.1 P32 L46 # i-161
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy

Delete units - line

Response Response Status C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P32 L56 # i-47
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

Indentation of "(IETF RFC 8343).";"
 Same issue pg 33 line 11.

SuggestedRemedy

align with rest of description

Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.1 P32 L65 # i-162
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy

Delete units - line

Response Response Status C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P33 L48 # i-163
 Weber, Karl Beckhoff Automation

Comment Type TR Comment Status R

According to 30.3.1.1.37, Max Frame is a enumerated value

SuggestedRemedy

Change definition to the 4 enumeration values

Response Response Status W
 REJECT.

A pre-configured value is more useful, especially considering support for frames larger than allowed by 30.3.1.1.37

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Cl 5 SC 5.3.2.1 P34 L12 # i-164
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A bucket
 fps is written differently compared to Gb/s
 SuggestedRemedy
 Change to f/s
 Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.1 P35 L60 # i-167
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A
 Counts octets but FCS seems to be bytes
 SuggestedRemedy
 Change byte to octet
 Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.1 P35 L25 # i-165
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P36 L10 # i-168
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P35 L54 # i-166
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 octets is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "octet" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P36 L33 # i-169
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

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Cl 5 SC 5.3.2.1 P36 L60 # i-170
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P38 L7 # i-173
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P37 L21 # i-171
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P38 L30 # i-174
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P37 L46 # i-172
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P38 L64 # i-175
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

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Cl 5 SC 5.3.2.1 P39 L17 # i-176
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P41 L1 # i-179
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 transitions is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. This attribute counts events which are not addressed in any way by SI units.

Cl 5 SC 5.3.2.1 P39 L40 # i-177
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P41 L47 # i-180
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 transitions is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. This attribute counts events which are not addressed in any way by SI units.

Cl 5 SC 5.3.2.1 P40 L37 # i-178
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P42 L48 # i-182
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status R
 type is counter64 while the in-discard counter is counter32
 SuggestedRemedy
 change to counter32
 Response Response Status C
 REJECT.
 There should be no counter32 instances. Decision was made NOT to use 32-bit counters at all.

Approved Responses

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Cl 5 SC 5.3.2.1 P42 L49 # i-181
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 in-discard in rfc 8343 has no units definition
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 5 SC 5.3.2.1 P43 L6 # i-183
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 5 SC 5.3.2.2 P45 L6 # i-24
 Anslow, Peter Ciena Corporation
 Comment Type E Comment Status A bucket
 "10GB/s" should be "10 Gb/s" (add a space and lower case B)
 SuggestedRemedy
 Change "10GB/s" to "10 Gb/s"
 Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.2 P45 L21 # i-48
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Indentation of augment statement.
 SuggestedRemedy
 line 19-20 is Indented by one extra level.
 Response Response Status C
 ACCEPT.

Cl 5 SC 5.3.2.2 P47 L22 # i-184
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 5 SC 5.3.2.2 P47 L46 # i-185
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

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Cl 5 SC 5.3.2.2 P48 L5 # i-186
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 5 SC 5.3.2.2 P49 L25 # i-189
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 collisions is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. This attribute counts events which are not addressed in any way by SI units.

Cl 5 SC 5.3.2.2 P48 L25 # i-187
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 collisions is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. This attribute counts events which are not addressed in any way by SI units.

Cl 6 SC 6.1 P50 L13 # i-49
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Is this a test to see who is paying attention? There is only one data module in this clause and there are 2 in Clause 5.
 SuggestedRemedy
 Change:
 "The YANG modules defined in this clause extend the Ethernetinterface YANG data module defined in Clause 5 ..." to
 "The YANG module defined in this clause extends the Ethernetinterface YANG data modules defined in Clause 5..." pointers follow
 ^ ^ ^

Cl 5 SC 5.3.2.2 P48 L49 # i-188
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 errors is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. This attribute counts events which are not addressed in any way by SI units.

Response Response Status C
 ACCEPT.

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Cl 6 SC 6.1 P60 L15 # i-246
 Zimmerman, George
 Comment Type T Comment Status R 802.3bt
 Now that 802.3bt is finished, it is worth noting that clause 145 PSEs and management parameters are not covered by YANG. Some changes are obvious (power classes 6 through 8 are no longer PoDL-only). Others may be more subtle. Rather than generating a bunch of work, right now, it is worth specifying that the amendment of 802.3bt are not yet included in this draft.
 SuggestedRemedy
 Insert "This initial version of IEEE Std 802.3.2 does not include the impact of amendments made to IEEE Std 802.3-2018 by IEEE Std 802.3bt-2018, which was approved while this document was already in Sponsor ballot.
 Response Response Status C
 REJECT.
 802.3bt-2018 is not included in the objectives of this project.

Cl 6 SC 6.2 P50 L20 # i-50
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 missing verb
 SuggestedRemedy
 Change
 "clause focused" to
 "clause is focused"
 Response Response Status C
 ACCEPT.

Cl 6 SC 6.2 P50 L21 # i-51
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 missing "the"
 SuggestedRemedy
 Change:
 "Power over Ethernet (PoE) function" to:
 "the Power over Ethernet (PoE) function"
 and on line 24 change:
 "for PoE function" to
 "for the PoE function"
 Response Response Status C
 ACCEPT.

Cl 6 SC 6.2 P50 L22 # i-52
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 "power over data line" or "Power over Data Line"? We should be consistent.
 SuggestedRemedy
 Change: "power over data line" to "Power over Data Line"
 Response Response Status C
 ACCEPT.

Cl 6 SC 6.3 P50 L12 # i-129
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 First use of PD in document not expanded.
 SuggestedRemedy
 Add expansion Powered Device.
 Response Response Status C
 ACCEPT.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 6 SC 6.3 P51 L1 # i-128
 Grow, Robert RMG Consulting

Comment Type TR Comment Status R 802.3bt

There is a major issue raised with the approval of P802.3bt and by definition, IEEE Std 802.3bt-201x becoming part of IEEE Std 802.3-2018. Per IEEE style, a reference to IEEE Std 802.3-2018 includes all approved amendments. One problem for P802.3.2 created by IEEE Std 802.3bt-201x is addition of "Power over Ethernet" and in some cases replacement of DTE Power via the MDI with various forms of Power over Ethernet e.g., (Power over Ethernet over 2 pairs). This includes changes in clause 30 management.

The draft should specify capabilities consistent with the changes introduced by IEEE Std 802.3bt-201x). (The WG Chair should have a target publication date for the amendment.)

SuggestedRemedy

Replace DTE Power via the MDI terminology to be consistent with the current usage of Power over Ethernet terms. Add new attributes and enumerations included in IEEE Std 802.3bt-201x.

Response Response Status C

REJECT.

802.3bt-2018 is not included in the objectives of this project.

Cl 6 SC 6.3 P51 L1 # i-53
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

Why does 6.3 warrant starting on a new page?

SuggestedRemedy

Remove page break

Response Response Status C

ACCEPT.

Cl 6 SC 6.3 P51 L5 # i-54
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

Grammar

SuggestedRemedy

change

"There are a number of data nodes defined in this YANG module as configuration with read-write." to

"There are a number of data nodes defined in this YANG module that are configurable as read-write."

Response Response Status C

ACCEPT.

Cl 6 SC 6.3 P51 L30 # i-55
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

Grammar

SuggestedRemedy

Change:

"and possible to encrypt their values" to:

"and to possibly encrypt their values"

Response Response Status C

ACCEPT.

Cl 6 SC 6.5.1 P60 L27 # i-156
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status A bucket

units definition should be plural and without quoting

SuggestedRemedy

change to millijoules

Response Response Status C

ACCEPT.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 6 SC 6.5.1 P60 L47 # i-151
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 The units is milliwatt which is different from the description actual-power on Page 64 and the power-accuracy leaf which do not allow to specify sub-milliwatt values
 SuggestedRemedy
 change type of actual power to integer and units to milliwatts
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Comment is against page 64, like 21.
 Change units of actual power to milliwatts. There is no need to allow for "negative power"

Cl 6 SC 6.5.1 P60 L47 # i-152
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status R
 unsigned32 means more than 2 Megawatt maximum power if the unit is milliWatt. This is far more than needed.
 SuggestedRemedy
 change type of actual power to integer32.
 Response Response Status C
 REJECT.
 There is no need for signed value. No problem with the range being wider / larger.

Cl 6 SC 6.5.1 P60 L47 # i-153
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A bucket
 units definition should be plural and without quoting
 SuggestedRemedy
 change to milliwatts
 Response Response Status C
 ACCEPT.

Cl 6 SC 6.5.1 P60 L59 # i-155
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status R
 unsigned32 means more than 2 Megawatt maximum power if the unit is milliWatt. This is far more than needed.
 SuggestedRemedy
 change type of actual power to integer32.
 Response Response Status C
 REJECT.
 There is no need for signed value. No problem with the range being wider / larger.

Cl 6 SC 6.5.1 P60 L59 # i-154
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A bucket
 units definition should be plural and without quoting
 SuggestedRemedy
 change to milliwatts
 Response Response Status C
 ACCEPT.

Cl 6 SC 6.5.1 P64 L2 # i-157
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 units definition missing
 SuggestedRemedy
 add "units millijoules;"
 Response Response Status W
 ACCEPT.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 6 SC 6.5.1 P64 L21 # i-146
 Weber, Karl Beckhoff Automation
 Comment Type TR Comment Status A
 The units is watt which is different from the description actual-power on Page 60 and the power-accuracy leaf which do not allow to specify sub-milliwatt values
 SuggestedRemedy
 change type of actual power to integer and units to milliwatts
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Change units of actual power to milliwatts. There is no need to allow for "negative power"

Cl 6 SC 6.5.1 P64 L21 # i-147
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status R
 unsigned32 means more than 2 Megawatt maximum power if the unit is milliWatt. This is far more than needed.
 SuggestedRemedy
 change type of actual power to integer32.
 Response Response Status C
 REJECT.
 There is no need for signed value. No problem with the range being wider / larger.

Cl 6 SC 6.5.1 P64 L21 # i-148
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A bucket
 units definition should be plural and without quoting
 SuggestedRemedy
 change to milliwatts
 Response Response Status C
 ACCEPT.

Cl 6 SC 6.5.1 P64 L36 # i-149
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A bucket
 units definition should be plural and without quoting
 SuggestedRemedy
 change to milliwatts
 Response Response Status C
 ACCEPT.

Cl 6 SC 6.5.1 P64 L36 # i-150
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status R
 unsigned32 means more than 2 Megawatt maximum power if the unit is milliWatt. This is far more than needed.
 SuggestedRemedy
 change type of actual power to integer32.
 Response Response Status C
 REJECT.
 There is no need for signed value. No problem with the range being wider / larger.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 6 SC 6.5.2 P54 L9 # i-143
 Cummings, Rodney National Instruments C

Comment Type GR Comment Status A

"https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft" is not the correct URL, because once 802.3.2 publishes, its YANG module will no longer be a draft.

According to the most recent decision in the IEEE 802 YANGsters group:
<https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-repository-guidelines/>

the location would be
["https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published"](https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published)

SuggestedRemedy
 Coordinate with IEEE 802 YANGsters to determine the correct GitHub location for published IEEE working group YANG modules.

If for some reason that coordination fails, use
["https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published"](https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published)

Response Response Status W
 ACCEPT IN PRINCIPLE.

Insert editorial note with the following text:
 URL: <https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft> to be replaced with
<https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published> at publication time.

Cl 6 SC 6.5.2 P61 L12 # i-56
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

Indenting the line beginning "'PoDL PSE configuration ..." is excessively indented and therefore wraps to the next line.

SuggestedRemedy
 Removed excess indents and ensure the line wraps properly is required to fit on two lines.

Response Response Status C
 ACCEPT.

Cl 6 SC 6.5.2 P62 L52 # i-245
 Zimmerman, George

Comment Type T Comment Status A

"description - Power class of the PSE port." - parameter is the power class of the detected PD on the PSE port, not the power class which the PSE itself can provide

SuggestedRemedy
 Change "Power class of the PSE port." to "Power class of the PD detected on the PSE port."

Response Response Status C
 ACCEPT.

Cl 6 SC 6.5.2 P63 L15 # i-57
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

Indenting the line beginning "enters the the SIGNATURE_INVALID ..." needs an additional space indentation and one less "the " .

SuggestedRemedy
 per comment

Response Response Status C
 ACCEPT.

Cl 7 SC 7.2 P65 L12 # i-58
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

missing verb

SuggestedRemedy
 Change
 "clause focused" to
 "clause is focused"

Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.1 P65 L18 # i-59
 Remein, Duane Huawei Technologies

Comment Type ER Comment Status A

We should future proof this sentence "EPON is defined in IEEE Std 802.3, covering Physical Layer and Media Access Control sublayer of 1GEPON and 10G-EPON interfaces." so we don't have to remember to change it when we finish Nx25G-EPON.

SuggestedRemedy
 Change to read "EPON is defined in IEEE Std 802.3, covering Physical Layers and Media Access Control sublayers.

Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.1 P65 L20 # i-60
 Remein, Duane Huawei Technologies

Comment Type T Comment Status A

This sentence is incorrect "EPON is a variant of Gigabit Ethernet used in optical access." give that we also have and reference 10G-EPON.

SuggestedRemedy
 Strike the sentence now before we will need to change it in the future to include Nx25G-EPON.

Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.1 P65 L53 # i-61
 Remein, Duane Huawei Technologies

Comment Type ER Comment Status A

The detailed description from here to the end of the sub-clause will likely create a maintenance headache in the future and is unnecessary. We should at most just list the appropriate clauses (which is NOT done for any other modules in this standard) with a very brief description.
 I would also be fine with a simple ref to 802.3 as is done in the rest of this draft.

SuggestedRemedy
 Replace from "The IEEE layering architecture of a 1G-EPON ..." to the end of the sub-clause with the following:
 The following clauses in IEEE Std 802.3 define 1G-EPON:
 -- Clause 30: Management,
 -- Clause 60: Physical Medium Dependent(PMD) sublayer for 1G-EPON,
 -- Clause 64: MPCP (Multipoint Control Protocol) for 1G-EPON,
 -- Clause 65: Reconciliation Sublayer (RS), Physical Coding Sublayer (PCS), and Physical Media Attachment (PMA) sublayers for 1G-EPON.
 The following clauses in IEEE Std 802.3 define 10G-EPON:
 -- Clause 30: Management,
 -- Clause 75: PMD sublayer for 10G-EPON,
 -- Clause 76: RS, PCS, and PMA sublayers for 10G-EPON,
 -- Clause 77: MPCP for 10G-EPON.

Response Response Status C
 ACCEPT IN PRINCIPLE.

"The IEEE layering architecture of a 1G-EPON ..." to the end of the sub-clause with the following:
 The following clauses in IEEE Std 802.3 define 1G-EPON:
 -- Clause 60: Physical Medium Dependent(PMD) sublayer for 1G-EPON,
 -- Clause 64: MPCP (Multipoint Control Protocol) for 1G-EPON, and
 -- Clause 65: Reconciliation Sublayer (RS), Physical Coding Sublayer (PCS), and Physical Media Attachment (PMA) sublayers for 1G-EPON.
 The following clauses in IEEE Std 802.3 define 10G-EPON:
 -- Clause 75: PMD sublayer for 10G-EPON,
 -- Clause 76: RS, PCS, and PMA sublayers for 10G-EPON, and
 -- Clause 77: MPCP for 10G-EPON.
 Additionally, IEEE Std 802.3, Clause 30 and Clause 45 are also applicable to EPON.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 7 SC 7.2.1 P65 L59 # i-130
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 First use of PMD in document not expanded.
 SuggestedRemedy
 Add expansion Physical Medium Dependent (though Std 802.3 uses an uncapitalized version in 1.5 a quick check of expansions in the document uses the capitalized version).
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.1 P65 L62 # i-131
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 First use of PCS in document not expanded.
 SuggestedRemedy
 Add expansion Physical Coding Sublayer (though Std 802.3 uses an uncapitalized version in 1.5 a quick check of expansions in the document mostly uses the capitalized version).
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.1 P66 L20 # i-5
 Hajduczenia, Marek Charter Communicatio
 Comment Type E Comment Status A bucket
 MPCP is already expanded and defined
 SuggestedRemedy
 Change
 Clause 77: MPCP (Multipoint Control Protocol), which
 to
 Clause 77: MPCP, which
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.1 P66 L65 # i-133
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 First use of FEC in document not expanded.
 SuggestedRemedy
 Add expansion forward error correction (Std 802.3 uses an uncapitalized version in 1.5 but capitalized on a variant, RS-FEC a quick check of expansions in the document mostly uses the uncapitalized version).
 Response Response Status C
 ACCEPT IN PRINCIPLE.

Add expansion Forward Error Correction - we just need to be consistent in our document
 Page number fixed (should be 66, line 65)

Cl 7 SC 7.2.1 P76 L1 # i-132
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 First use of PMA in document not expanded.
 SuggestedRemedy
 Add expansion Physical Medium Dependent (though Std 802.3 uses an uncapitalized version in 1.5 a quick check of expansions in the document mostly uses the capitalized version).
 Response Response Status C
 ACCEPT.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 7 SC 7.2.2 P66 L24 # i-62
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A
 This detailed description is incorrect, will likely create a maintenance headache in the future, and is unnecessary. EPON does NOT just extend " the specification of Gigabit Ethernet".

SuggestedRemedy
 Strike the sub-clause and retitle 7.2.3 from "Physical media" to "Principles of operation and media" as it cover TDM and TDMA (the principles of PON) as well as the media.

Response Response Status C
 ACCEPT IN PRINCIPLE.

Per hajduczenia_d30_1, with the following changes:
 - "extends" to "extended" (2 locations)
 - "are added" to "were added"
 - move "(optional in 1G-EPON, mandatory in 10G-EPON)" to after "FEC functionality"
 - change "located between the PCS and PMA layers " to "located in the PCS"

Cl 7 SC 7.2.2 P66 L24 # i-7
 Hajduczenia, Marek Charter Communicatio

Comment Type TR Comment Status A
 *** Comment submitted with the file 98317700003-hajduczenia_d30_1.docx attached ***

Principles of operation apply to 1G-EPON only and should be updated to apply to 10G-EPON as well.

SuggestedRemedy
 see the attached file (hajduczenia_d30_1) for reference with tracked changes

Response Response Status C
 ACCEPT IN PRINCIPLE.

Per hajduczenia_d30_1, with the following changes:
 - "extends" to "extended" (2 locations)
 - "are added" to "were added"
 - move "(optional in 1G-EPON, mandatory in 10G-EPON)" to after "FEC functionality"
 - change "located between the PCS and PMA layers " to "located in the PCS"

Cl 7 SC 7.2.2 P66 L28 # i-6
 Hajduczenia, Marek Charter Communicatio

Comment Type E Comment Status A bucket
 Missing comma after "802.3"

SuggestedRemedy
 Per comment

Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.2 P67 L1 # i-8
 Hajduczenia, Marek Charter Communicatio

Comment Type T Comment Status A
 Updates are needed to Figure 7-2 to make it applicable to 1G-EPON and 10G-EPON alike.

SuggestedRemedy
 change "GMII" to "GMII (1G-EPON) or XGMII (10G-EPON)

Response Response Status C
 ACCEPT IN PRINCIPLE.

changed "GMII" to "GMII (1G-EPON) or XGMII (10G-EPON) in Figure 7-2 + added XGMII to list of acronyms under the figure.

Cl 7 SC 7.2.3 P67 L1 # i-63
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A
 This Figure is incorrect, will likely create a maintenance headache in the future, and is unnecessary. EPON does NOT just use GMII.

SuggestedRemedy
 Either change GMII to xGMII and add an explanation of what is meant by this term or remove the figure.

Response Response Status C
 ACCEPT IN PRINCIPLE.

changed "GMII" to "GMII (1G-EPON) or XGMII (10G-EPON) in Figure 7-2 + added XGMII to list of acronyms under the figure.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 7 SC 7.2.3 P67 L34 # i-134
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 Figure 7-2 title has inconsistent capitalization of Multipoint MAC Control (Std 802.3 seems to use this capitalization).
 SuggestedRemedy
 Capitalize Control.
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.3 P67 L38 # i-135
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 Inconsistent capitalization of time-division multiple access (Std 802.3 is 2:1 on hyphenation, and uses lower case in all three occurrences).
 SuggestedRemedy
 Change to: time-division multiple access.
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.4 P67 L44 # i-9
 Hajduczenia, Marek Charter Communicatio
 Comment Type TR Comment Status A
 *** Comment submitted with the file 98317800003-hajduczenia_d30_2.docx attached ***
 The text of subclause 7.2.4 needs to revised to be applicable to 1G-EPON and 10G-EPON alike.
 SuggestedRemedy
 Use the text in hajduczenia_d30_2 with tracked changes
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.4 P67 L44 # i-64
 Remein, Duane Huawei Technologies
 Comment Type ER Comment Status A
 This description is incomplete, will likely create a maintenance headache in the future, and is unnecessary. EPON "OLT and ONU optical parameters were" indeed only partially derived "from earlier 1000 Mb/s Ethernet PMD specifications". This does of course totally ignore 10G-EPON and any future versions which we know are in the works.
 SuggestedRemedy
 Strike the sub-clause.
 Response Response Status C
 ACCEPT IN PRINCIPLE.

Cl 7 SC 7.2.5 P67 L57 # i-65
 Remein, Duane Huawei Technologies
 Comment Type ER Comment Status A
 This description is incomplete, will likely create a maintenance headache in the future, and is unnecessary. Note that the ref on pg 68 line 13 is missing 10G-EPON information "addressed with a special, reserved LLID, see IEEE Std 802.3 65.1.3.1"
 SuggestedRemedy
 Strike the sub-clause.
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.6 P68 L61 # i-10
 Hajduczenia, Marek Charter Communicatio
 Comment Type TR Comment Status A
 *** Comment submitted with the file 98318000003-hajduczenia_d30_3.docx attached ***
 The text of subclause 7.2.6 needs to be updated to be applicable to 1G-EPON and 10G-EPON alike.
 SuggestedRemedy
 Use the text in hajduczenia_d30_3 with tracked changes from D3.0
 Response Response Status C
 ACCEPT.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 7 SC 7.2.6 P69 L3 # i-67
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A
 "SLA" is only used one other time in the draft, there is no need to abbreviate it.
 SuggestedRemedy
 Strike "(SLA)" here and replace "SLA" on line 50 with "service level agreement"
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.6 P69 L45 # i-68
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 An opportunity to do maintenance before first release "GATE and REPORT MPCPDUs are defined in Clause 64 of IEEE Std 802.3"
 I would also be happy with removing the entire sub-clause but don't find this section as egregious as some others.
 SuggestedRemedy
 Change to: "GATE and REPORT MPCPDUs are defined in Clause 64 of IEEE Std 802.3 for 1G-EPON and in Clause 77 for 10G-EPON".
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Use the text in hajduczenia_d30_3 with tracked changes from D3.0

Cl 7 SC 7.2.6 P69 L63 # i-69
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 Another opportunity to do maintenance before first release "The MPCP registration process is presented in Figure 7-4, while details are described in Clause 64 of IEEE Std 802.3."
 I would also be happy with removing the entire sub-clause but don't find this section as egregious as some others.
 SuggestedRemedy
 Change to: "The MPCP registration process is presented in Figure 7-4, while details are described in Clause 64 of IEEE Std 802.3 for 1G-EPON and in Clause 77 for 10G-EPON."
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Use the text in hajduczenia_d30_3 with tracked changes from D3.0

Cl 7 SC 7.2.6 P70 L50 # i-70
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 "an non-overlapping" should be "a non-overlapping"
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.6 P70 L55 # i-71
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 "ONU, decision" should be "ONU, a decision"
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.2.6 P70 L60 # i-72
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A
 "using its LLID, using the measured RTT" would be better as "using its LLID and the measured RTT"
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

Approved Responses

IEEE P802.3cf D3.0 YANG Data Model Definitions Initial Sponsor ballot comments

Cl 7 SC 7.2.7 P71 L1 # i-73
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status R
 This description is poorly balanced between 1G-EPON (which is going extinct) and 10G-EPON (which is just beginning deployments), will likely create a maintenance headache in the future, and is unnecessary.
 SuggestedRemedy
 Strike the sub-clause.
 Response REJECT. Response Status C
 Similar material was found useful in 802.3.1

Cl 7 SC 7.2.8 P72 L17 # i-74
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status A
 Use of "GMII" in the figure dates it.
 The rest of this section reads well and is very applicable to this document.
 SuggestedRemedy
 Change "GMII" to "xMII" and add the following at pg 71 line 61 (after sentence referencing the figure). "In Figure 7-6 the use of the term "xMII" is used to generically refer to any applicable member of the MII family of interfaces (e.g., GMII, XGMII)."
 Response ACCEPT IN PRINCIPLE. Response Status C
 Change "GMII" to "GMII (for 1G-EPON) or XGMII (for 10G-EPON)" + add definition for XGMII under Figure 7-6.

Cl 7 SC 7.3 P75 L57 # i-25
 Anslow, Peter Ciena Corporation
 Comment Type E Comment Status A bucket
 The final bottom border in Table 7-1 should be "Thin" i.e., follow the table definition.
 SuggestedRemedy
 Remove the override from the final bottom border in Table 7-1
 Response ACCEPT. Response Status C

Cl 7 SC 7.4.2 P68 L1 # i-66
 Remein, Duane Huawei Technologies
 Comment Type ER Comment Status A
 We seem to be using several terms for the same thing "logical link", "virtual link.", "logical interface", "virtual interface", and "LLID". While there may be differences between a link and an interface it does not appear we are being rigorous about this usage. This can confuse the reader and should be corrected.
 SuggestedRemedy
 Replace "virtual link" with "logical link" in 4 places.
 Replace "virtual interface" with "logical interface" (18x) with the following exceptions
 Pg 86 line 10, pg 86 line 16, pg 86 line 23, pg 96 line 46, and pg 97 line 12 Replace "virtual interface" with "logical link"
 Response ACCEPT. Response Status C

Cl 7 SC 7.4.2 P76 L50 # i-75
 Remein, Duane Huawei Technologies
 Comment Type G Comment Status A bucket
 There are only two instances of "Clause 64/77" while there are 29 instances of "Clause 64 and Clause 77". To make future maintenance simpler we should use "Clause 64 and Clause 77" consistently.
 SuggestedRemedy
 Replace both instances of "Clause 64/77" with "Clause 64 and Clause 77"
 Response ACCEPT. Response Status C

Cl 7 **SC 7.4.2** **P79** **L8** # **i-144**
 Cummings, Rodney National Instruments C

Comment Type **GR** **Comment Status** **A**

"https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft" is not the correct URL, because once 802.3.2 publishes, its YANG module will no longer be a draft.

According to the most recent decision in the IEEE 802 YANGsters group:
<https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-repository-guidelines/>

the location would be
["https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published"](https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published)

SuggestedRemedy
 Coordinate with IEEE 802 YANGsters to determine the correct GitHub location for published IEEE working group YANG modules.

If for some reason that coordination fails, use
["https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published"](https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published)

Response **Response Status** **W**
 ACCEPT IN PRINCIPLE.

Insert editorial note with the following text:
 URL: <https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft> to be replaced with
<https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published> at publication time.

Cl 7 **SC 7.4.2** **P80** **L15** # **i-76**
 Remein, Duane Huawei Technologies

Comment Type **E** **Comment Status** **R**

This sentence will require maintenance in the future once Nx25G-EPON is approved. It adds little to the draft and can be removed, forcing the reader to read the source document, which is probable better than trying to copy/summarize that standard here.
 "LLIDs between the value of 0x07FFE and 0x7FFF are assigned for ONU discovery and registration. Other LLIDs are dynamically assigned by the OLT during the registration process."

SuggestedRemedy
 Strike the sentence

Response **Response Status** **C**
 REJECT.

Current module will not be reusable for 25xG-EPON, given a completely different logical link structure, granting, etc. It will be cleaned to have a new, optimised Nx25G-EPON module and avoid all luggage from previous generations.

Cl 7 **SC 7.4.2** **P80** **L20** # **i-11**
 Hajduczenia, Marek Charter Communicatio

Comment Type **T** **Comment Status** **A**

Unnecessary repetition of reference

SuggestedRemedy
 Remove "; see IEEE Std 802.3, 65.1.3.3 for 1G-EPON and 76.2.6.1.3 for 10G-EPON."
 Change reference for typedef mpcp-llid to read
 "IEEE Std 802.3, 65.1.3.3 for 1G-EPON and 76.2.6.1.3 for 10G-EPON"
 Use the same reference for typedef mpcp-llid-count as well

Response **Response Status** **C**
 ACCEPT.

Cl 7 **SC 7.4.2** **P81** **L34** # **i-12**
 Hajduczenia, Marek Charter Communicatio

Comment Type **E** **Comment Status** **A** *bucket*

"mpcp" should be all caps

SuggestedRemedy
 Change "mpcp" to "MPCP"

Response **Response Status** **C**
 ACCEPT.

Cl 7 **SC 7.4.2** **P81** **L64** # **i-13**
 Hajduczenia, Marek Charter Communicatio

Comment Type **T** **Comment Status** **A** *bucket*

These are not "Ethernet interfaces" but "EPON interfaces" that this module defines, being the extension of Ethernet interfaces.

SuggestedRemedy
 Change all instances of "Ethernet interface" to "EPON interface" in this module

Response **Response Status** **C**
 ACCEPT.

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Cl 7 SC 7.4.2 P84 L34 # i-15
 Hajduczenia, Marek Charter Communicatio
Comment Type T Comment Status A
 Confusing description of typedef trx-admin-state
SuggestedRemedy
 Change description to read:
 When read as 'disabled', the transmitter is currently disabled (not transmitting).
 When set to 'disabled', the transmitter is expected to be disabled (stop transmitting)
Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change description to read:
 When read as 'disabled', the transmitter is currently disabled (not transmitting).
 When set to 'disabled', the transmitter is expected to be disabled (to stop transmitting)

Cl 7 SC 7.4.2 P84 L57 # i-14
 Hajduczenia, Marek Charter Communicatio
Comment Type E Comment Status A bucket
 Empty reference field
SuggestedRemedy
 Strike
Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P84 L57 # i-77
 Remein, Duane Huawei Technologies
Comment Type T Comment Status A bucket
 It seems odd to have a blank Reference
SuggestedRemedy
 Change "" to "Not Applicable"
Response Response Status C
 ACCEPT IN PRINCIPLE.
 See comment #-i-14

Cl 7 SC 7.4.2 P84 L64 # i-78
 Remein, Duane Huawei Technologies
Comment Type GR Comment Status A
 We use the term "1000BASE-PX" only four times in this section while 1G-EPON is used 18x. Similarly 10GBASE-PR and 10/1GBASE-PRX are used 3x each while 10G-EPON is used 14x. For ease of maintenance it would be better to use 1G-EPON and 10G-EPON consistently
SuggestedRemedy
 Pg 84 line 65 replace "1000BASE-PX" with "1G-EPON"
 Pg 106 line 61 replace "1000BASE-PX PHY" with "1G-EPON PHYs"
 Pg 107 line 1 replace "10GBASE-PR or 10/1GBASE-PRX" with "10G-EPON"
 Pg 107 line 26 & 56 replace "1000BASE-PX, 10GBASE-PR or 10/1GBASE-PRX" with "1G-EPON or 10G-EPON"
Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P86 L10 # i-79
 Remein, Duane Huawei Technologies
Comment Type E Comment Status A bucket
 Indenting the line beginning "This action applies to an OLT or ONU virtual interface.;" should be indented one additional space.
 Same issue line 23.
SuggestedRemedy
 per comment
Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P86 L23 # i-80
 Remein, Duane Huawei Technologies
Comment Type E Comment Status A bucket
 Indenting the line beginning "This action applies to an OLT or ONU virtual interface." should be indented one additional space.
SuggestedRemedy
 per comment
Response Response Status C
 ACCEPT.

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Cl 7 SC 7.4.2 P86 L64 # i-81
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf fec-mode {
 Why is this statement here? "It has a distinct value for each logical link."? FEC is not configurable on an lld by lld basis
 SuggestedRemedy
 Change:
 "It has a distinct value ..." to:
 "This object has the same value ..."
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P88 L21 # i-82
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf trx-transmit-admin-state {
 This statement "It has a distinct value for each logical link" implies the object can be rw for both LLIDs at the ONU. This is not implied in 802.3.1 where it states "At the OLT it has a distinct value for each virtual interface."
 SuggestedRemedy
 Change:
 "It has a distinct value ..." to:
 "At the OLT this object has a distinct value ..."
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change:
 "It has a distinct value ..." to:
 "At the OLT, this object has a distinct value ..."
 (added missing comma)

Cl 7 SC 7.4.2 P88 L37 # i-83
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 The sentence reads poorly "Contain all Ethernet interface specific capabilities."
 SuggestedRemedy
 Change to "This container includes all Ethernet interface specific capabilities."
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change to "This container includes all Ethernet interface-specific capabilities."
 (added missing hyphen)

Cl 7 SC 7.4.2 P88 L63 # i-190
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P89 L27 # i-191
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

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Cl 7 SC 7.4.2 P89 L58 # i-192
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 7 SC 7.4.2 P90 L4 # i-84
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf mpcp-discovery-window-count {
 This statement differs from the definition in the ref. "It has a distinct value for each logical
 link."
 SuggestedRemedy
 After leaf mpcp-discovery-window-count { add:
 when "../ompe-mode = 'olt';
 Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical
 link. At the ONU, the value should be zero." to:
 "This object is applicable for an OLT and has the same value for each logical link."
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P90 L9 # i-86
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Indenting the line beginning "re-initialization of the management system, and at other
 times" should be indented one less space.
 Exact same issue line 38, pg 91 line 4, pg 91 line 34, pg 91 line 64, pg 93 line 25,, pg 95
 line 54, pg 97 line 45, pg 98 line 7, pg 98 line 35, pg 99 line 2, pg 98 line 65, pg 100 line
 31,, pg 106 line 44, pg 107 line 9, pg 107 line 38, pg 108 line 3, pg 114 line 35, and pg 115
 line 1.
 Note there are instances where the quoted text is correctly indented and thus a global
 search and replace cannot be used.
 SuggestedRemedy
 per comment

Response Response Status C
 ACCEPT.
 Cl 7 SC 7.4.2 P90 L22 # i-193
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R
 discovery timeout is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. This attribute counts events
 which are not addressed in any way by SI units.

Cl 7 **SC 7.4.2** **P90** **L34** # **i-85**
 Remein, Duane Huawei Technologies
Comment Type **TR** **Comment Status** **A**
 leaf mpcp-discovery-timeout-count {
 This statement differs from the definition in the ref. "It has a distinct value for each logical link."
 Same issue pg 90 line 34,
SuggestedRemedy
 After leaf mpcp-discovery-timeout-count { add:
 when "../ompe-mode = 'olt'";
 Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical link. At the ONU, the value should be zero." to:
 "This object is applicable for an OLT and has the same value for each logical link."
Response **Response Status** **C**
 ACCEPT.

Cl 7 **SC 7.4.2** **P90** **L64** # **i-87**
 Remein, Duane Huawei Technologies
Comment Type **TR** **Comment Status** **A**
 leaf out-mpcp-register-req {
 This cannot be true, Reg-Req are only transmitted by the ONU: "This object is applicable for an OLT and an ONU. It has a distinct value for each logical link. At the ONU, the value should be zero."
SuggestedRemedy
 After leaf out-mpcp-register-req { add:
 when "../ompe-mode = 'onu'";
 Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical link. At the ONU, the value should be zero." to:
 "This object is applicable for an ONU and has the same value for each logical link."
Response **Response Status** **C**
 ACCEPT.

Cl 7 **SC 7.4.2** **P90** **L51** # **i-194**
 Weber, Karl Beckhoff Automation
Comment Type **E** **Comment Status** **R** **SI**
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
SuggestedRemedy
 Delete units - line
Response **Response Status** **C**
 REJECT.

 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 **SC 7.4.2** **P91** **L16** # **i-195**
 Weber, Karl Beckhoff Automation
Comment Type **E** **Comment Status** **R** **SI**
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
SuggestedRemedy
 Delete units - line
Response **Response Status** **C**
 REJECT.

 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P91 L30 # i-88
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

leaf in-mpcp-register-req {
 The ONU never receives Reg-Req "This object is applicable for an OLT and an ONU. At the ONU, the value should be zero for each logical link."

SuggestedRemedy
 After leaf in-mpcp-register-req { add:
 when "../ompe-mode = 'olt';
 Change:
 "This object is applicable for an OLT and an ONU. At the ONU, the value should be zero for each logical link."
 "This object is applicable for an OLT and has the same value each logical link."

Response Response Status C
 ACCEPT IN PRINCIPLE.

After leaf in-mpcp-register-req { add:
 when "../ompe-mode = 'olt';
 Change:
 "This object is applicable for an OLT and an ONU. At the ONU, the value should be zero for each logical link." to:
 "This object is applicable for an OLT and has the same value for each logical link."

Cl 7 SC 7.4.2 P91 L47 # i-196
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy
 Delete units - line

Response Response Status C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P91 L60 # i-89
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

leaf out-mpcp-register-ack {
 "The value should be zero for each logical link given that these messages are only transmitted from the ONU." Really??? Maybe we should make this a constant = 0 then. The same error exist at the following locations pg 92, line 55, pg 94 line 16, pg 95 line 12 (see separate comments).

SuggestedRemedy
 After leaf statement add
 when "../ompe-mode = 'onu';
 Change:
 "This object is applicable for an OLT and an ONU. The value should be zero for each logical link." to:
 "This object is applicable for an ONU and has a distinct value for each logical link."

Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P92 L11 # i-197
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy
 Delete units - line

Response Response Status C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P92 L24 # i-90
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

leaf in-mpcp-register-ack {
 It is not clear to me why this para exists: "This object is applicable for an OLT and an ONU.
 It has a distinct value for each logical link. At the ONU, the value should be zero."
 The ONU cannot receive Reg-Ack messages.
 Same issue for the following locations/leaves (NO separate comments).
 pg 93 line 21: leaf in-mpcp-report {
 pg 93 line 50: leaf out-mpcp-gate {
 pg 94 line 46: leaf out-mpcp-register {

SuggestedRemedy

After the leaf statements add:
 when "../ompe-mode = 'olt';
 Change at each location:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical
 link. At the ONU, the value should be zero." to:
 "This object is applicable for an OLT and has the same value for each logical link."

Response Response Status C

ACCEPT IN PRINCIPLE.

After the leaf statements add:
 when "../ompe-mode = 'olt';
 Change at each location:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical
 link. At the ONU, the value should be zero." to:
 "This object is applicable for an OLT and has the a distinct value for each logical link."

Cl 7 SC 7.4.2 P92 L42 # i-198
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy

Delete units - line

Response Response Status C

REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 7 SC 7.4.2 P92 L55 # i-91
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

leaf out-mpcp-report {
 "The value should be zero for each logical link given that these messages are only
 transmitted from the ONU." Really??? Maybe we should make this a constant = 0 then.
 The same error exist at: pg 92, line 55, pg 94 line 16, pg 95 line 12.

SuggestedRemedy

After leaf out-mpcp-report { add
 when "../ompe-mode = 'onu';
 Change:
 "This object is applicable for an OLT and an ONU. The value should be zero for each
 logical link." to:
 "This object is applicable for an ONU and has a distinct value for each logical link."

Response Response Status C

ACCEPT.

Cl 7 SC 7.4.2 P93 L6 # i-199
 Weber, Karl Beckhoff Automation

Comment Type E Comment Status R SI

frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy

Delete units - line

Response Response Status C

REJECT.

Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

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Cl 7 SC 7.4.2 P93 L37 # i-200
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 7 SC 7.4.2 P94 L3 # i-201
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 7 SC 7.4.2 P93 L58 # i-16
 Hajduczenia, Marek Charter Communicatio
 Comment Type T Comment Status A
 Stranded reference to ifCounterDiscontinuityTime
 SuggestedRemedy
 replace all instances of
 as indicated by the value of the ifCounterDiscontinuityTime object
 with
 as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG
 module (IETF RFC 8343)
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P94 L16 # i-92
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf in-mpcp-gate {
 "The value should be zero for each logical link given that these messages are only
 transmitted from the ONU." Really??? Maybe we should make this a constant = 0 then.
 The same error exist at: pg 92, line 55, pg 94 line 16, pg 95 line 12.
 SuggestedRemedy
 After leaf in-mpcp-gate { add
 when "../ompe-mode = 'onu';
 Change:
 "This object is applicable for an OLT and an ONU. The value should be zero for each
 logical link." to:
 "This object is applicable for an ONU and has a distinct value for each logical link."
 Response Response Status C
 ACCEPT.

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Cl 7 SC 7.4.2 P94 L33 # i-202
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P94 L64 # i-203
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P95 L12 # i-93
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf in-mpcp-register {
 "The value should be zero for each logical link given that these messages are only
 transmitted from the ONU." Really??? Maybe we should make this a constant = 0 then.
 The same error exist at: pg 92, line 55, pg 94 line 16, pg 95 line 12.
 SuggestedRemedy
 After leaf in-mpcp-register { add
 when "../ompe-mode = 'onu';
 Change:
 "This object is applicable for an OLT and an ONU. The value should be zero for each
 logical link." to:
 "This object is applicable for an ONU and has a distinct value for each logical link."

Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P95 L39 # i-204
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

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Cl 7 SC 7.4.2 P95 L45 # i-94
 Remein, Duane Huawei Technologies
Comment Type TR Comment Status D
 For each leaf in this container it should be made clear that this is not a count for all frames but only MPCP frames.
SuggestedRemedy
 Change "A count of frames" to "A count of MPCP frames" in the description of each leaf in this container.
 Locations (pg/Line): 95/45, 96/6, 96/31, 96/64, 97/34, 97/63, 98/25, 98/55, 99/22, 99/53, and 100/20
Proposed Response Response Status Z
 REJECT.
 This comment was WITHDRAWN by the commenter.
 These counters have nothing to do with MPCP-only frames. They are part of oMPPEmulation object in 802.3, under oPAF and derived from oPHYEntity. oMPCP is derived from oMACCOntrolEntity and belongs to a different and separate tree.

Cl 7 SC 7.4.2 P96 L1 # i-205
 Weber, Karl Beckhoff Automation
Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
SuggestedRemedy
 Delete units - line
Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P96 L27 # i-206
 Weber, Karl Beckhoff Automation
Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
SuggestedRemedy
 Delete units - line
Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P96 L35 # i-17
 Hajduczenia, Marek Charter Communicatio
Comment Type E Comment Status A bucket
 Stranded reference to 65.1.3.3.1 or 76.2.6.1.3.1
SuggestedRemedy
 Insert "IEEE Std 802.3, " before "65.1.3.3.1 or 76.2.6.1.3.1", "65.1.3.3.2 or 76.2.6.1.3.2", and "65.1.3.3.3 or 76.2.6.1.3.3", where reference to 802.3 is absent
Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P96 L45 # i-95
 Remein, Duane Huawei Technologies
Comment Type TR Comment Status A
 leaf ompe-onu-frames-with-good-lid-good-crc8 {
 How is a counter that counts frames with valid SLID_in an ONU_ applicable to the OLT??
SuggestedRemedy
 After leaf ompe-onu-frames-with-good-lid-good-crc8 { add:
 when "../ompe-mode = 'onu';
 Change:
 "This object is applicable for an OLT and an ONU. At the OLT, it has distinct values for each virtual interface." to
 "This object is applicable for an ONU and has a distinct value for each logical link."
Response Response Status C
 ACCEPT.

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Cl 7 SC 7.4.2 P96 L46 # i-96
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 "has distinct values for each virtual interface" really? Multiple values for each LLID?
 Same issue pg 97 line 12
 SuggestedRemedy
 Change:
 "has distinct values" to:
 "has a distinct value"
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P96 L58 # i-97
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf ompe-olt-frames-with-good-llid-good-crc8 {
 We should be clear that a counter that counts frames with valid SLID_in an OLT_ is not
 applicable to the ONU.
 SuggestedRemedy
 After leaf ompe-olt-frames-with-good-llid-good-crc8 {" add
 when "../ompe-mode = 'olt';"
 At pg 97 line 12 Change:
 "At the OLT, it has distinct values for each virtual interface." to
 "This object is applicable for an OLT and has a distinct value for each logical link."
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P96 L61 # i-207
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 7 SC 7.4.2 P97 L29 # i-208
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term
 in IEEE Std 802.3.

Cl 7 SC 7.4.2 P97 L41 # i-98
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf in-ompe-frames-with-bad-llid {
 has multiple errors :
 1) The description implies that each device has a count for every possible LLID (2^15).
 2) It has an incorrect ref
 3) Corrected ref clearly states this is only applicable for the OLT: "A count of frames
 received that contain a valid SLD field in an OLT"
 SuggestedRemedy
 1) Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical
 link." to
 "This object is applicable for an OLT and has the same value for each logical link."
 2) Change Ref from 30.3.7.1.5 to 30.3.7.1.8
 3) After "leaf in-ompe-frames-with-bad-llid { " add: "when "../ompe-mode = 'olt';"
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 1) Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical
 link." to
 "This object is applicable for an OLT and has a distinct value for each logical link."
 2) Change Ref from 30.3.7.1.5 to 30.3.7.1.8
 3) After "leaf in-ompe-frames-with-bad-llid { " add: "when "../ompe-mode = 'olt';"

Approved Responses

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Cl 7 SC 7.4.2 P97 L57 # i-209
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P99 L16 # i-212
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P98 L20 # i-210
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P99 L33 # i-99
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Indenting
 The line beginning "re-initialization of the management system, and at other times" and the next line should be indented one less space.
 The line beginning "defined in the ietf-interfaces YANG module (IETF RFC 8343).";" should be indented two less spaces.
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P98 L49 # i-211
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P99 L47 # i-213
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 frames is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 See comment #i-159Not all units used in YANG modules have to be SI compliant. "frame" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P106 L29 # i-101
 Remein, Duane Huawei Technologies

Comment Type TR *Comment Status* A

leaf fec-code-group-violations {
 This description does not match the description in the Ref (30.5.1.1.14 aPCSCodingViolation) which refers to Table 35-1 dealing with GMII code groups (8b10b I believe) not FEC codewords. I'm not quite sure which is in error, the description (which looks wrong given the object name and ref) or the Ref. In either case this needs fixing. The suggested solution assumed the description is in error.

SuggestedRemedy
 Replace the first two para of this description with:
 "For 1G-EPON this is a count of the number of events that cause the PHY to indicate "Data reception error" or "Carrier Extend Error" on the GMII (see Table 35-1 of 802.3). The contents of this counter is undefined when FEC is operating.
 For 10G-EPON this object is not applicable."

Response *Response Status* C
 ACCEPT.

Cl 7 SC 7.4.2 P106 L56 # i-217
 Weber, Karl Beckhoff Automation

Comment Type E *Comment Status* R *SI*

code-group is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy
 Delete units - line

Response *Response Status* C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "code-group" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P106 L61 # i-102
 Remein, Duane Huawei Technologies

Comment Type TR *Comment Status* A

leaf fec-buffer-head-coding-violations {
 It should be noted that this counter is only valid when FEC is enabled.

SuggestedRemedy
 Change the first para to read:
 "For 1000BASE-PX PHY, this object represents the count of the number of invalid code-groups received directly from the link when FEC is enabled. When FEC is disabled this counter stops counting."

Response *Response Status* C
 ACCEPT IN PRINCIPLE.

Change the first para to read:
 "For 1G-EPON PHY, this object represents the count of the number of invalid code-groups received directly from the link when FEC is enabled. When FEC is disabled this counter stops counting."

(Replaced 1000BASE-PX with 1G-EPON)

Cl 7 SC 7.4.2 P107 L21 # i-218
 Weber, Karl Beckhoff Automation

Comment Type E *Comment Status* R *SI*

code-group is not an unit according to the International System of Units see https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf

SuggestedRemedy
 Delete units - line

Response *Response Status* C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "code-group" is a well-defined term in IEEE Std 802.3.

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Cl 7 SC 7.4.2 P107 L50 # i-219
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 code-group is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "code-group" is a well-defined
 term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P109 L6 # i-103
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Change "in to" to "to"
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P110 L3 # i-104
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 This statement is redundant "It has a distinct value for each logical link and every queue. At
 the ONU, it has a distinct value for every queue." because the previous sentence is
 missing "At the OLT"
 Same issue pg 110 line 40, pg 111 line 14, pg 111 line 43, 112 line 65, and pg 114 line 31.
 SuggestedRemedy
 Change:
 "It has a distinct value for each logical link and every queue." to:
 "At the OLT it has a distinct value for each logical link and every queue."
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change:
 "It has a distinct value for each logical link and every queue." to:
 "At the OLT, this object has a distinct value for each logical link and every queue."
 (replaced "it" with ", this object")

Cl 7 SC 7.4.2 P110 L35 # i-105
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Indenting the line beginning "ONU. It can have a value between 0 and 7, limited by the
 value" should be indented one less space.
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

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Cl 7 SC 7.4.2 P113 L40 # i-220
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 TQ is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "TQ" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P116 L32 # i-221
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 TQ (16ns) is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "TQ" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P114 L21 # i-106
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status A
 leaf in-mpcp-queue-frames {
 The wording of this description does not match the ref. and does not make sense. "This object reflects the number of frame reception events into the corresponding upstream transmission queue."
 The wording in 802.3.1 is: "A count of the number of times a frame reception occurs from the corresponding 'Queue'.
 SuggestedRemedy
 Change to read "A count of the number of times a frame reception event results in a frame being queued in (for ONUs) or received from (for OLTs) the corresponding queue."
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P116 L42 # i-30
 Zhuang, Yan Huawei Technologies
 Comment Type T Comment Status A
 There are 8 shall statements in the descriptions of mpcp-related objects. I do not suppose these are intended as mandarty requirements here.
 --from Glen Kramer
 SuggestedRemedy
 search and replace without using the word "shall"
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P115 L19 # i-107
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Indenting
 In the description beginning ""This object reflects the number of frame drop events from" all lines except the first line should be indented one additional space.
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P116 L50 # i-108
 Remein, Duane Huawei Technologies
 Comment Type T Comment Status A
 This object should reference 802.3.1 not 802.3. At the very least it should also point to the proper section in 77 (77.3.3.2).
 SuggestedRemedy
 Change:
 "64.3.3.2" to
 "dot3MpcpSyncTime"
 Response Response Status C
 ACCEPT.

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Cl 7 SC 7.4.2 P116 L65 # i-109
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 There is no cable in EPON "is cable of supporting"
 SuggestedRemedy
 Change cable to capable
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P118 L18 # i-223
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 TQ (16ns) is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "TQ" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P118 L44 # i-222
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 TQ (16ns) is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.
 Not all units used in YANG modules have to be SI compliant. "TQ" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P119 L5 # i-224
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status R SI
 TQ (16ns) is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 REJECT.

Not all units used in YANG modules have to be SI compliant. "TQ" is a well-defined term in IEEE Std 802.3.

Cl 7 SC 7.4.2 P119 L20 # i-110
 Remein, Duane Huawei Technologies
 Comment Type TR Comment Status A
 leaf mpcp-round-trip-time {
 Round trip time is not applicable to an ONU.
 SuggestedRemedy
 After leaf mpcp-round-trip-time { add:
 when "../ompe-mode = 'olt";
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P119 L38 # i-111
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

leaf mpcp-round-trip-time {
 If the value at the OLT is always zero why is it considered applicable? This is also implied in the ref which states "A read-only value that indicates the maximum number of grants an ONU can store"

SuggestedRemedy
 After leaf mpcp-round-trip-time { add:
 when "../ompe-mode = 'onu';
 Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical link. At the OLT, the value should be zero.;" to:
 "This object is applicable for an ONU and has a distinct value for each logical link.;"

Response Response Status C
 ACCEPT IN PRINCIPLE.

This comment is against "mpcp-maximum-grant-count" node.

After leaf mpcp-maximum-grant-count { add:
 when "../ompe-mode = 'onu';
 Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical link. At the OLT, the value should be zero.;" to:
 "This object is applicable for an ONU and has a distinct value for each logical link.;"

Cl 7 SC 7.4.2 P120 L1 # i-112
 Remein, Duane Huawei Technologies

Comment Type E Comment Status A bucket

Indenting the line beginning "This object is applicable for an OLT and an ONU. It has the same" should be indented one less space.
 Exact same issue exists on line 49

SuggestedRemedy
 per comment

Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P120 L20 # i-113
 Remein, Duane Huawei Technologies

Comment Type TR Comment Status A

leaf mpcp-maximum-queue-count-per-report {
 Why is this applicable to an ONU given "This object reflects the maximum number of queues (0-7) that can be accepted by the OLT ..."

SuggestedRemedy
 After leaf mpcp-maximum-queue-count-per-report { add:
 when "../ompe-mode = olt";
 Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical link.;" to:
 "This object is applicable for an OLT and has the same value for each logical link.;"

Response Response Status C
 ACCEPT IN PRINCIPLE.

After leaf mpcp-maximum-queue-count-per-report { add:
 when "../ompe-mode = olt";
 Change:
 "This object is applicable for an OLT and an ONU. It has a distinct value for each logical link.;" to:
 "This object is applicable for an OLT and has a distinct value for each logical link.;"

Cl 7 SC 7.4.2 P142 L18 # i-227
 Weber, Karl Beckhoff Automation

Comment Type T Comment Status A

uint64 is too large

SuggestedRemedy
 restrict to uint16

Response Response Status C
 ACCEPT.

Approved Responses

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Cl 7 SC 7.4.2 P142 L18 # i-226
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status A
 Is not mtu but pdu
 SuggestedRemedy
 change to oammtu
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P145 L28 # i-229
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status A
 Is not mtu but pdu
 SuggestedRemedy
 change to oammtu
 Response Response Status C
 ACCEPT.

Cl 7 SC 7.4.2 P142 L20 # i-225
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A
 bytes is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change bytes to octets

Cl 7 SC 7.4.2 P145 L29 # i-228
 Weber, Karl Beckhoff Automation
 Comment Type E Comment Status A SI
 bytes is not an unit according to the International System of Units see
https://www.bipm.org/utis/common/pdf/si_brochure_8_en.pdf
 SuggestedRemedy
 Delete units - line
 Response Response Status C
 ACCEPT IN PRINCIPLE.
 Change "units: bytes" to "units: octets" (two instances).

Cl 7 SC 7.4.2 P145 L28 # i-230
 Weber, Karl Beckhoff Automation
 Comment Type T Comment Status A
 uint64 is too large
 SuggestedRemedy
 restrict to uint16
 Response Response Status C
 ACCEPT.

Cl 8 SC 8.2.4 P122 L3 # i-136
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 The expansion and acronym for OAMPDU are not closely enough linked.
 SuggestedRemedy
 Add "(OAMPDU)" after "Ethernet OAM protocol data unit".
 Response Response Status C
 ACCEPT.

Approved Responses

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Cl 8 SC 8.3 P122 L46 # i-137
 Grow, Robert RMG Consulting
 Comment Type E Comment Status A bucket
 Netconf/Restconf are not capitalized in this case.
 SuggestedRemedy
 NETCONF/RESTCONF
 Response Response Status C
 ACCEPT.

Cl 8 SC 8.3. P122 L46 # i-114
 Remein, Duane Huawei Technologies
 Comment Type E Comment Status A bucket
 Capitalization "Netconf/Restconf" should be in all caps
 SuggestedRemedy
 per comment
 Response Response Status C
 ACCEPT.

Cl 8 SC 8.4 P126 L46 # i-26
 Anslow, Peter Ciena Corporation
 Comment Type E Comment Status A bucket
 The final bottom border in Table 8-1 should be "Thin" i.e., follow the table definition.
 SuggestedRemedy
 Remove the override from the final bottom border in Table 8-1
 Response Response Status C
 ACCEPT.

Cl 8 SC 8.5.2 P130 L9 # i-145
 Cummings, Rodney National Instruments C
 Comment Type GR Comment Status A
 "https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft" is not the correct URL, because once 802.3.2 publishes, its YANG module will no longer be a draft.
 According to the most recent decision in the IEEE 802 YANGsters group:
 https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-repository-guidelines/
 SuggestedRemedy
 Coordinate with IEEE 802 YANGsters to determine the correct GitHub location for published IEEE working group YANG modules.
 If for some reason that coordination fails, use
 "https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published"
 Response Response Status W
 ACCEPT IN PRINCIPLE.
 Insert editorial note with the following text:
 URL: https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/draft to be replaced with
 https://github.com/YangModels/yang/tree/master/standard/ieee/802.3/published at publication time.

Cl 8 **SC 8.5.2** **P135** **L56** # **i-138**
 Grow, Robert RMG Consulting

Comment Type **TR** **Comment Status** **A**

I can't make sense of this, it seems like something is missing from the attribute specification. The length is specified as a hex string of 8 but the definition is a 24-bit value. What about the other two hex digits? Following the reference to Std 802-2001 I can't find anything beyond definition text of an OUI).

SuggestedRemedy

The lengths need to be reconciled, either to add missing information on what is concatenated with the OUI to get to 8 hex digits, or to change to 6 hex digits.

The use of a superseded reference should be fixed. The corresponding topic is in Clause 8 of IEEE Std 802-2014.

IEEE Std 802-20xx (either 2001 or 2014) should be added to the references.

Response **Response Status** **C**
 ACCEPT IN PRINCIPLE.

Change "type yang:hex-string" to "type yang:string"

Change the length to 6, i.e., use no separator in the OUI representation.

Update reference to IEEE Std 802-2014, Clause 9.

Cl 8 **SC 8.5.2** **P143** **L23** # **i-115**
 Remein, Duane Huawei Technologies

Comment Type **E** **Comment Status** **A** *bucket*

Indenting the line beginning ""Enable or disable monitoring." appear to be indented less than the rest of the description for no apparent reason.

SuggestedRemedy

Adjust the indenting to match the rest of the description

Response **Response Status** **C**
 ACCEPT.

Cl 8 **SC 8.5.2** **P150** **L17** # **i-29**
 Zhuang, Yan Huawei Technologies

Comment Type **T** **Comment Status** **A**

Word "will" shall not be used.
 --from Glen Kramer

SuggestedRemedy

Replace ""This leaf will never be set to 'threshold-event-type.'"; with

"This leaf is never set to 'threshold-event-type.'";

Response **Response Status** **C**
 ACCEPT IN PRINCIPLE.

Replace ""This leaf will never be set to 'threshold-event-type.'"; with

"This leaf is not set to 'threshold-event-type.'";