#wg-1-16 Type: E   TF: WG   Clause: 0   Page: 0   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Draft under WG ballot shall include line numbers

Add line numbers

-

#wg-1-1 Type: E   TF: WG   Clause: 2   Page: 5   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

"IEEE Std 802.3™-2012, IEEE Standard for Ethernet." is not valid anymore. 2015 version was approved and will be published by the time we are done with IEEE Std 1904.1-2016

Change "IEEE Std 802.3™-2012, IEEE Standard for Ethernet." to "IEEE Std 802.3™-2015, IEEE Standard for Ethernet."

-

#wg-1-2 Type: E   TF: WG   Clause: 2   Page: 5   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Reference to 802.3-2008 seems a bit odd right now, that we have 2012 and 2015 editions of 802.3 standard.

Change "IEEE Std 802.3ah™-2004, Amendment to IEEE Std 802.3™-2003: Media Access Control Parameters, Physical Layers, and Management Parameters for Subscriber Access Networks, now part of IEEE Std 802.3™-2008." to "IEEE Std 802.3ah™-2004, Amendment to IEEE Std 802.3™-2003: Media Access Control Parameters, Physical Layers, and Management Parameters for Subscriber Access Networks, now part of IEEE Std 802.3™.", i.e., remove date from the reference to 802.3

-

#wg-1-3 Type: E   TF: WG   Clause: 2   Page: 5   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

802.3av is also part of 802.3 published standard, yet information is missing

Change "IEEE Std 802.3av™-2009, Amendment 1 to IEEE Std 802.3™-2008: Physical Layer Specifications and Management Parameters for 10 Gb/s Passive Optical Networks." to "IEEE Std 802.3av™-2009, Amendment 1 to IEEE Std 802.3™-2008: Physical Layer Specifications and Management Parameters for 10 Gb/s Passive Optical Networks, now part of IEEE Std 802.3™."

-

#wg-1-36 Type: T   TF: WG   Clause: 6.5.2.1.1   Page: 50   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

At the beginning of this section, we separate Port and LLID from other "true" L2 fields. But then we list LINK_INDEX in Table 6-1 together with all the L2 fields. PORT_INDEX and LLID_VALUE are not listed anywhere in the table.

Renumber Table 6-1 into 6-2 and insert a new table 6-1 titled "L1 classification fields" as shown in rmtf_1512_kramer_L1_fields_1.pdf.

Verify correct updates for all cross-references pointing to tables in Clause 6.

In table 14-225, change "For definitions of individual fields, see Table 6-1." to "For definitions of individual fields, see 6.5.2.1.1."

Per comment but also on page 50, change

a) Port (by index)
b) LLID (by index or value)

to

a) L1 Fields (Port by index, LLID by index or value - see Table 6-1)

Renumber other items in lettered list.

#wg-1-9 Type: E   TF: WG   Clause: 6.5.2.1.1   Page: 82   Line: -   Commenter: Curtis Knittle / CableLabs

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

a' should be 'an'

Change "Index of a LLID within the given ONU" to "Index of an LLID within the given ONU"

-

#wg-1-14 Type: E   TF: WG   Clause: 7.2.2.3.1   Page: 99   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

The draft contains 10 cross-references to Table 7-40. None of these links are live.

Fix cross-references to Table 7-40 - make them live.

-

#wg-1-17 Type: TR   TF: WG   Clause: 7.2.2.3.1   Page: 99   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

In D2.0, Package A, tables for multicast rules for the OLT and ONU were separated. But the references in Tables 7-24, 7-25, 7-26, 7-28, 7-29, and 7-30 say "The rules for multicast filtering are specified in Table 7-40 for OLT and ONU..."

Replace the text:
"The rules for multicast filtering are specified in Table 7-40 for OLT and ONU for the multicast forwarding based on LLID and IP multicast address."
With the following text:
"The rules for multicast filtering and forwarding based on LLID and IP multicast address are specified in Table 7-40 for the OLT and in Table 7-41 for the ONU."

-

#wg-1-4 Type: T   TF: WG   Clause: 7.4.5.2.1   Page: 139   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

"These IGMP/MLD control frames are not tagged" - it seems to be redundant, given that the forwarding is based on rules configured by the OLT. These rules would identify the frame, and also actions need to be performed by the ONU, i.e., whether to add, rewrite, or strip any tags.

Strike "These IGMP/MLD control frames are not tagged" or replace to read "These IGMP/MLD control frames are typically not tagged when leaving the UNI"

Strike "These IGMP/MLD control frames are not tagged"

#wg-1-27 Type: TR   TF: WG   Clause: 7.4.5   Page: 139   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

D2.0 has implemented modifications to multicast connectivity feature for Package A. In the new text, some of the mandatory requirements were duplicated or were not very clear.
The descriptions of the specific issues are shown in rmtf_1510_kramer_multicast_issues_1.pdf

Update section 7.4.5 as shown in rmtf_1512_kramer_multicast_operation_1.pdf

Per comment. Change all instances of "e.g," in the changes to "e.g.,"

#wg-1-5 Type: T   TF: WG   Clause: 7.4.5.2.2   Page: 140   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

"When the OLT determines that there are no multicast clients for an IP multicast session connected to an ONU UNI port, the OLT shall modify the associated classification and forwarding rules at the ONU to stop forwarding the indicated multicast session to the UNI port (see 7.4.5.3.3)." - there is no statement on how this is achieved

The exact mechanism is outside the scope of this spec, but we should mention it. Add "The method used to determine that there are no multicast clients for an IP multicast session connected to an ONU UNI port is outside the scope of this standard."

-

#wg-1-6 Type: T   TF: WG   Clause: 7.4.5.2.2   Page: 140   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

"When the OLT determines that there are no multicast clients for an IP multicast session connected to any of the UNI ports on an ONU, the OLT shall delete the associated classification and forwarding rule (see 7.4.5.3.3)." - there is no statement on how this is achieved

The exact mechanism is outside the scope of this spec, but we should mention it. Add "The method used to determine that there are no multicast clients for an IP multicast session connected to any of the UNI ports on an ONU is outside the scope of this standard."

-

#wg-1-10 Type: E   TF: WG   Clause: 7.4.2.1   Page: 149   Line: -   Commenter: Curtis Knittle / CableLabs

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Need space at beginning, and "form" should be "from"

Add space at beginning, plus change "IGMP/MLD requests form the multicast" to "IGMP/MLD requests from the multicast"

-

#wg-1-11 Type: E   TF: WG   Clause: 7.4.5.1   Page: 169   Line: -   Commenter: Curtis Knittle / CableLabs

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

"fileds" should be "fields"

Change "… require multiple fileds to classify frames …" to "… require multiple fields to classify frames …"

-

#wg-1-12 Type: E   TF: WG   Clause: 7.4.5.1   Page: 169   Line: -   Commenter: Curtis Knittle / CableLabs

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

"desitination" should be "destination"

Change "desitination" to "destination"

-

#wg-1-13 Type: E   TF: WG   Clause: 7.4.5.2.2   Page: 170   Line: -   Commenter: Curtis Knittle / CableLabs

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Wording sounds funny

Change "involved" to "involves"

-

#wg-1-40 Type: E   TF: WG   Clause: 7.4.5.4.2   Page: 177   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Table 7-41 table footnote (e) missing period at end of sentence.

Add period

-

#wg-1-41 Type: E   TF: WG   Clause: 8.4.1.2   Page: 185   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Referring to footnote (a), missing period at end of sentence, as compared to footnote (a) on the next page (186).

Check all footnotes in draft and be consistent with use of terminating period.

-

#wg-1-33 Type: E   TF: WG   Clause: 9.3.3.4.4   Page: 215   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Links for cross-reference 9.2.4.8 on pages 215, 220, and 227 are dead.

Restore the links

-

#wg-1-39 Type: TR   TF: WG   Clause: 12.2.1.2.2.5   Page: 307   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Incomplete implementation of MR #20150119_2025
Change Revision value from 0x10 to 0x01 in the definition of eOAMR_RevisionNack
-

#wg-1-29 Type: T   TF: WG   Clause: 12.3.1.6.6   Page: 343   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

In state diagram 12-16, in state ACTIVATION_ERROR, the primitive eOAM_AIRe_Fail should be eOAMI_AIRe_Fail
Add "I" after "eOAM"
-

#wg-1-30 Type: TR   TF: WG   Clause: 12.3.3.2.6   Page: 361   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

In state diagram 12-22, in state COMMIT_ERROR, wrong primitive is used.
Change "eOAMI_FTA_Error.ResponseCode" to "eOAMI_FTA_ErrorCommit.ResponseCode"
-

#wg-1-18 Type: T   TF: WG   Clause: 13.4.1.1   Page: 427   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Wrong cross reference
Change Table 14-78 to Table 13-80
-

#wg-1-35 Type: T   TF: WG   Clause: 13.4.1.3.2   Page: 432   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Each Event Notification TLVs carries identification of an object that generated an alarm. However, there is no information which LLID should carry an alarm, since same objects may be served by / accessed via multiple LLIDs.
Insert the following text after the Table 13-85: "An ONU may transmit any alarm via any L-ONU, i.e., on any bi-directional LLID registered at that ONU."
-

#wg-1-38 Type: T   TF: WG   Clause: 13.4.1.3.2   Page: 432   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Reject   Commenter Satisfaction: None   Category: -

Per MR #20140915_1412, In Table 13-84, the size of ObjectInstance field was changed to 1,2, or 4 octets. However, in DPoE2.0 OAM i07, the size is shown as 2 or 4 octets.
Align the definition of this field with DPoE2.0 OAM i07
The current size of 1, 2, or 4 is correct - see 14.4.1.1.2, where 14.4.1.1.2.1, 14.4.1.1.2.2, 14.4.1.1.2.3, 14.4.1.1.2.4 are all 1 octet wide, 14.4.1.1.2.5 is 4 octsts wide, 14.4.1.1.2.6 is 2 octets wide. An MR to DPoE OAM spec should be considered instead.

#wg-1-34 Type: E   TF: WG   Clause: 13.4.2.1   Page: 435   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Inconsistent formatting in Table 13-87. The text "Reserved, ignored on reception"spans 1 or 2 columns for different fields.
Make the text "Reserved, ignored on reception" span two columns for opcodes 0x05, 0x06, 0x07, 0x0A, 0x0B, 0x0C.
-

#wg-1-15 Type: ER   TF: WG   Clause: 13.4.2.6.1   Page: 438   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

A reference in text points to Table 13-96 instead of 13-92. All remaining table cross-references point to 4 tables ahead of the correct one.
Correct cross-references to tables 13-92 through 13-104. Also, verify cross-references located in PICS
-

#wg-1-37 Type: TR   TF: WG   Clause: 13.4.4   Page: 446   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Several issues with the implementation of MR #20140212_1524:

1) The accepted resolution of this MR has removed the notion of Critical TLVs and the associated requirement to deregister the ONU is the response to a Critical TLV delayed by more than a second. But the text added to the draft says: "If the remote_response_timer times out for a request associated with a critical TLV, the OLT proceeds to deregister the associated ONU."

2) "the ONU shall generate a response within 1 second of the OLT's transmission toward the destination ONU." ONU cannot comply with this requirement, because it doesn't know when the OLT tramsmitted the eOAMPDU request. The ONU timer should start when it receives the request (i.e., when the Request is passed from MAC to OAM client).

3) Section 13.4.4 added two new mandotory ONU requirements, but corresponding PICS are missing

4) The paragraph starting with "In an example implementation" is confusing and unnecessary. First, there must be an explanation that the remote_response_timer needs to be longer than 1 second (or ONU local timer should be shorter than 1 second.) For example, in MPCP, the Rx timeout is 5x the Tx timeout. Second, a timer per each eAOM_request won't work. An eOAM_Request can contain multiple TLVs and responses to each TLV can come in different eOAM_Response messages. So, there should be separate timers for each TLV. And finally, in case of multi-eOAMPDU response, does the OLT timer stop when the first eOAMPDU response is received or the last one?

1) Delete paragraph starting with "In an example implementation"

2) Change sentence "In order to guarantee timely delivery of such responses, the ONU shall generate a response within 1 second of the OLT's transmission toward the destination ONU."
to
"The ONU shall generate an eOAM_Get_Response or eOAM_Set_Response eOAMPDU within 1 second of the reception of the corresponding eOAM_Get_Request or eOAM_Set_Request eOAMPDU from the OLT."

3) Add PICS for "The ONU shall generate an eOAM_Get_Response or eOAM_Set_Response eOAMPDU within 1 second of the reception of the corresponding eOAM_Get_Request or eOAM_Set_Request eOAMPDU from the OLT."

4) Add PICS for "If an ONU cannot respond to the OLT request before the expiration of 1-second window, the ONU shall generate the ONU Busy alarm (see 13.4.1.3.2.6)."

-

#wg-1-42 Type: E   TF: WG   Clause: 13.4.1.3.2.5   Page: 463   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

Format table to keep the two lines and header on the same page, don't split last row on next page.

As per comment.

Force Table 13-86 to start at the top of the page.

#wg-1-43 Type: T   TF: WG   Clause: 13.4.4   Page: 477   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

The ONU has no knowledge of when an OLT transmits something nor where timing references are inside the OLT.

Change: "of the OLT's transmission toward the destination ONU." to "of receiving a transmission from the OLT."

See comment #wg-1-37 for details

#wg-1-44 Type: T   TF: WG   Clause: 14.2.2.22   Page: 509   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Given an "and" conjunction, the second "shall" clause in the sentence is redundant with the first "shall".

Consider changing "and the OLT shall place the value" to "and place the value"

No changes to CT-ME30b PICS needed.

#wg-1-19 Type: T   TF: WG   Clause: 14.4.1.1.2.6   Page: 561   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Wrong cross reference to Table 14-128. It should point to 14-131.
The subsequent cross-references to Tables 14-132 through 14-149 link to correct tables, but show the number that is one off (i.e., show numbers 14-131 through 14-148)

Change the cross reference to Table 14-131.
Change subsequent cross-references to show the correct table numbers.
Correct cfross-references in PICS.

-

#wg-1-31 Type: ER   TF: WG   Clause: 14.4.3.1.15   Page: 576   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

Two attributes have "NVS" abbreviation added to their respective subclause titles. This is not the style used for SIEPON attributes. The same subclauses describe TLV formats, and "NVS" designation is meaningless for the TLVs. Also, in the future, we may have attributes where only some of their sub-attributes need to be in NVS.

Remove "NVS" from the clause titles and from the list of abbreviations.
For all the relevant sub-attributes, after the parameter "Remote access: Read/Write" add a new parameter "Storage: Persistent" (or "Storage: Non-Volatile").

Remove "NVS" from the clause titles and from the list of abbreviations.
For all the relevant sub-attributes, after the parameter "Remote access: Read/Write" add a new parameter ", Storage: Non-Volatile".

#wg-1-20 Type: T   TF: WG   Clause: 14.4.3.1.17   Page: 578   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Wrong cross-reference to Table 14-147. Should be Table 14-150.

Correct the cross-reference in text and in PICS.

-

#wg-1-21 Type: T   TF: WG   Clause: 14.4.3.1.18   Page: 579   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

| Wrong cross-reference to Table 14-147. Should be Table 14-151. |
Correct the cross-reference in text and in PICS.

#wg-1-22 Type: T   TF: WG   Clause: 14.4.3.1.19   Page: 579   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

| Wrong cross-reference to Table 14-147. Should be Table 14-152. |
| Correct the cross-reference in text and in PICS. |
| |

#wg-1-23 Type: T   TF: WG   Clause: 14.4.3.1.20   Page: 580   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

| Wrong cross-reference to Table 14-147. Should be Table 14-153. |
Correct the cross-reference in text and in PICS.

#wg-1-24 Type: T   TF: WG   Clause: 14.4.3.1.21   Page: 581   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

| Wrong Cress reference to Table 14-163. Should be Table 14-154. |
Correct the cross-reference. Make the link live.

#wg-1-25 Type: T   TF: WG   Clause: 14.4.3.2.1   Page: 582   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

| Starting with Table 14-155 and until the end of Clause 14, all reference to Tables in text point to correct tables but show the table number lagging by 6, 5 or up to 12 the actual table number. |
Correct the cross-references in text and in PICS.

#wg-1-45 Type: T   TF: WG   Clause: 14.4.1.1.1   Page: 589   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

| In Table 14-125, Initially, I was confused by seeing both "reserved" and "allocated" for the two rows 0x00-05 and 0x00-07. Generally "reserved" means unused, however I believe it may mean not used In 1904 but used in DPoE-SP-OAMv2. Is this correct? |
| If intended to use both "reserved" and (intended) "allocated", perhaps changing to the note to "Only for use in DPoE-SP-OAMv2" or something similar might make it more clear. Otherwise, just mark as reserved in the 1904 standard and leave the note blank as a 1904 only implementation would implement this correctly. |
| in Table 14-125 change all instances of "Allocated in DPoE-SP-OAMv2" to "See DPoE-SP-OAMv2.0 for details"

Insert reference to DPoE-SP-OAMv2.0 in Clause 2 as follows: "DPoE-SP-OAMv2.0, (DPoE-SP-OAMv2.0-I07-150220), DOCSIS® Provisioning of EPON Specifications—DPoE™ OAM Extensions Specification.". Place is after existing reference to DPoE-SP-OAM |

#wg-1-46 Type: E   TF: WG   Clause: 14.4.1.1.1   Page: 589   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

| "DPoE-SP-OAMv2" is not listed as a normative reference in Clause 2 |
| If using "DPoE-SP-OAMv2" in Table 14-125, then add the reference to Clause 2. |
| See comment wg-1-45 for details.

Also, update existing references as follows (they are outdated now), making DPoEv2.0 as base normative spec, rather than DPoEv1.0.

CM-SP-MULPI, (CM-SP-MULPIv3.0-I28-150827), Cable Modem to Customer Premise Equipment Interface Specification.
DPoE-SP-MULPI, (DPoE-SP-MULPIv2.0-I08-150220), DOCSIS® Provisioning of EPON Specifications—DPoE™ MAC and Upper Layer Protocols Requirements.
DPoE-SP-OAMv1.0, (DPoE-SP-OAMv1.0-I01-110225), DOCSIS® Provisioning of EPON Specifications—DPoE™ OAM Extensions Specification.
DPoE-SP-OSSI, (DPoE-SP-OSSIv2.0-I07-150910), DOCSIS® Provisioning of EPON Specifications—DPoE™ Operations and Support System Interface Specification.
DPoE-SP-PHY, (DPoE-SP-PHYv2.0-I04-140807), DOCSIS® Provisioning of EPON Specifications—DPoE™ Physical Layer Specification.
DPoE-SP-SEC, (DPoE-SP-SECv2.0-I04-140807), DOCSIS® Provisioning of EPON Specifications—DPoE™ Security Specification. |

#wg-1-8 Type: E   TF: WG   Clause: 14.4.3.1.1   Page: 596   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Update cross refrences for tables with TLV structure. For example in 14.4.3.1.1, the reference reads "The Variable Container TLV for the Sequence TLV shall be as specified in Table 14-133." but points to Table 14-134. Starting in 14.4.3.1.17, references to TLV tables are all broken - in 14.4.3.1.17, we point to Table 14-148 (ONU CVC Validity TLV (0xD7/0x00-0F)), rather than to Table 14-150 (Vendor Name TLV (0xD7/0x00-11)) The same applies to PICS, where references to individual tables need to be also fixed.

#wg-1-49 Type: T   TF: WG   Clause: 14.4.3.1.17   Page: 608   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Reject   Commenter Satisfaction: None   Category: -

| In Table 14-150, under the size column "Varies" is technically broader then the preceding size specification in the definition. Same for Table 14-151 and Table 14-152. |
| Consider changing "Varies" to "1..32" to be consistent with variable size length used in other tables. |
| The current way of specifying is technically correct and avoid repetition of the same information already specified clearly, leading to introduction of potential issues and additional maintenance down the road. |

#wg-1-47 Type: E   TF: WG   Clause: -   Page: 611   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

In Table 14-153 for the "Notes" column for the "Downstream" and "Upstream" field rows, consider left format rather than justify. This should fix the visual padding errors.

As per comments.

-

#wg-1-48 Type: E   TF: WG   Clause: 14.4.3.1.21   Page: 622   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Reject   Commenter Satisfaction: None   Category: -

This is only a comment against the markup file and not the draft specification. What does green text mean in the markup file?

-

Green text in markup indicating text being moved around, i.e., existing text being moved to a different location.
No changes to draft needed.

#wg-1-26 Type: T   TF: WG   Clause: 14.4.3.9.1   Page: 654   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Cross-references to Tables 14-257, 14-258, 14-259, 14-260, and 14-265 all shown as Table 14-256.

Correct the cross-references in text and in PICS.

-

#wg-1-50 Type: T   TF: WG   Clause: 14.4.3.6.1   Page: 654   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Reject   Commenter Satisfaction: None   Category: -

Where is the "structure" syntax type defined? The two occurences here are unique in the draft.

Please provide clarity on how one determines the syntax details of "structure".

In this case: "The sClause sub-attribute is itself a compound sub-attribute that consists of multiple sub-attributes.", i.e., it is a series of field entries, where each field entry has the value defined in 14.4.3.6.1.1.

#wg-1-51 Type: T   TF: WG   Clause: 14.4.3.7.3   Page: 677   Line: -   Commenter: Mark Laubach / Broadcom Corporation

Comment Status: Proposed   Response Status: Reject   Commenter Satisfaction: None   Category: -

Shall we leave it to be assumed the ignore is normative behaviour?

Consider changing "the OLT and the ONU ignore the sub-attribute" to "the OLT and the ONU shall ignore the sub-attribute"

"ignoring" a sub-attribute is not really testable externally - the value does not make sense for mLLID in this case, even if the ONU/OLT choose NOT to ignore it.

#wg-1-32 Type: T   TF: WG   Clause: 4A.2.13   Page: 688   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

Attribute aOnuFwFileName has been moved to a different sub-clause. The associated PICS needs to point to new clause

In PICSs AU-ME32a, AU-ME32b, and AT-ME32 replace "14.4.3.2.14" with "14.4.3.1.21"
In PICSs AU-ME33 and AT-ME33, replace "14.4.3.2.15" with "14.4.3.2.14"

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#wg-1-7 Type: T   TF: WG   Clause: 14.4.3.11   Page: 691   Line: -   Commenter: Marek Hajduczenia / Bright House Networks

Comment Status: Proposed   Response Status: Accept   Commenter Satisfaction: None   Category: -

DEMARC auto-configuration mechanism is being withdrawn from DPoE specifications

Remove 14.4.3.11 and associated PICS (AT-ME139, AT-ME140, AT-ME141, AT-ME142, AU-ME139, AU-ME140, AU-ME141, AU-ME142) - do not renumber PICs
In Table 14-133, remove "Object group: Demarc auto-configuration", Mark entries for 0x08-00 through 0x08-03 as reserved (currently assigned to aDacConfig, aDacConfigFlags, aDacPassChallenge, aDacStatus).

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#wg-1-28 Type: TR   TF: WG   Clause: 4A.2.18   Page: 701   Line: -   Commenter: Glen Kramer / Broadcom

Comment Status: Proposed   Response Status: Revised   Commenter Satisfaction: None   Category: -

D2.0 has implemented modifications to multicast connectivity feature for Package A, but PICS were not updated to reflect the new specification.

Modify PICS for Multicast for Package A, as shown in rmtf_1512_kramer_multicast_pics_1.pdf. Note: the proposed modifications relect the updated clause 7.4.5 per rmtf_1512_kramer_multicast_operation_1.pdf.

Implement all changes except for changes to 4A.2.1 and 4A.2.2, which were NOT removed in the draft D2.0.