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4
5  DATE:2021.03.16
6  NAME: Yan Zhuang
7  COMPANY/AFFILIATION: Huawei Technologies
8  E-MAIL: zhuangyan.zhuang@huawei.com
9
10 REQUESTED REVISION #1:
11   STANDARD: IEEE Std 802.3.2-2019
12   CLAUSE NUMBER:7.4.1
13   CLAUSE TITLE: Tree hierarchy
14
15 PROPOSED REVISION TEXT:
16 Change:(p79)
17
18 +---ro mpcp-remote-mac-address?      yang:mac-address
19
20 To:
21
22 +---ro mpcp-remote-mac-address?      ieee:mac-address
23
24 REQUESTED REVISION #2:
25   STANDARD: IEEE Std 802.3.2-2019
26   CLAUSE NUMBER:7.4.2
27   CLAUSE TITLE: YANG module
28
29 PROPOSED REVISION TEXT:
30 Change#2.1:(p118)
31
32 leaf mpcp-remote-mac-address {
33     type yang:mac-address;
34
35 to:
36
37 leaf mpcp-remote-mac-address {
38     type ieee:mac-address;
39
40
41 Change#2.2: (p80)
42
43 Add the following texts before `import ietf-yang-type`:
44
45     import ieee802-types {
46         prefix "ieee";
47         reference "IEEE 802 types";
48     }
49
50

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1 REQUESTED REVISION #3:
2 STANDARD: IEEE Std 802.3.2-2019
3 CLAUSE NUMBER:8.5.1
4 CLAUSE TITLE: Tree hierarchy
5
6 PROPOSED REVISION TEXT:
7 Change: (p129)
8
9 +--ro mac-address? yang:mac-address
10
11 To:
12
13 +--ro mac-address? ieee:mac-address
14
15
16 REQUESTED REVISION #4:
17 STANDARD: IEEE Std 802.3.2-2019
18 CLAUSE NUMBER:8.5.2
19 CLAUSE TITLE: YANG module
20
21 PROPOSED REVISION TEXT:
22 Change#4.1: (p142)
23
24 leaf mac-address {
25 type yang:mac-address;
26
27 to:
28
29 leaf mac-address {
30 type ieee:mac-address;
31
32 Change#4.2: (p133)
33
34 Add the following texts before 'import ietf-yang-type':
35
36 import ieee802-types {
37 prefix "ieee";
38 reference "IEEE 802 types";
39 }
40
41 RATIONALE FOR REVISION:
42 The MAC address format is different between IETF and IEEE, while IEEE
43 802.3.2-2019 version used yang:mac-address defined in ietf-yang-types. So
44 we would like to change back to the ieee:mac-address defined in ieee802-
45 types module.
46
47 More information can be found at:
48 [https://www.ieee802.org/1/files/public/docs2020/yangsters-smansfield-mac-](https://www.ieee802.org/1/files/public/docs2020/yangsters-smansfield-mac-address-0420-v01.pdf)
49 [address-0420-v01.pdf](https://www.ieee802.org/1/files/public/docs2020/yangsters-smansfield-mac-address-0420-v01.pdf)
50
51 Changes on modules include:
52 Add import of ieee802-types.yang in EPON and Ethernet-link-oam modules.
53 Consistency between the formats used in YANG and the descriptions used in
54 IEEE 802.3-2018 Annex 31B.1 (for example), the format used is upper case
55 letters and "-" (or the IEEE definition).
56
57

1 IMPACT ON EXISTING NETWORKS:
2 People have to follow the MAC address format defined by IEEE to run the
3 updated 802.3 EPON and Link OAM modules ~
4 So it might need to update their firmware accordingly.

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6 +-----+  
7 |Please attach supporting material, if any|  
8 |Submit to:- David Law, Chair IEEE 802.3|  
9 |and copy:- Adam Healey, Vice-Chair IEEE 802.3|  
10 |  
11 |At:- E-Mail: stds-802-3-maint-req@ieee.org|  
12 |  
13 | +----- For official use -----+  
14 | | REV REQ NUMBER: 1380 |  
15 | | DATE RECEIVED: 15 March 2021 |  
16 | | EDITORIAL/TECHNICAL |  
17 | | ACCEPTED/DENIED |  
18 | | BALLOT REQ'D YES/NO |  
19 | | COMMENTS: |  
20 +-----+  
21 | For information about this Revision Request see - |  
22 |http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1380 |  
23 +-----+
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