IEEE P802.11
Wireless LANs

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| Resolution for LB266 CIDs related to 9.4.2.316 QoS Characteristics element Part 1 (General and Editorial) |
| Date: January, 2023 |
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 Abstract

This submission proposes a resolution for the following 3 CIDs for TGbe (LB266).

10071, 12972, 14071

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: removed CID 12973
* Rev 2: corrected some resolution incorrectly labelled as Rejected (should be Revised)
* Rev 3: deferred CIDs 10071, 13245, 11243, 12174, 12291, 12292
* Rev 5: addresses CIDs 10071, 12972 and 14071
* Rev 6: further changes for resolution of CID 10071

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbe Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbe Editor: Editing instructions preceded by “TGbe Editor” are instructions to the TGaxbe editor to modify existing material in the TGbe draft. As a result of adopting the changes, the TGbe editor will execute the instructions rather than copy them to the TGbe Draft.***

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| **CID** | **Commenter** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 10071 | Thomas Derham | 252.64 | The User Priority field in a TCLAS is used as an input classifier filter, i.e. use cases where an MSDU/MPDU is classified in the MAC after its UP has already been assigned. In SCS use cases, packet classification is generally based on the classifier types (e.g. IP tuple, MAC addresses, etc) in the TCLAS, and the User Priority field is set to 255 (not used for comparison). Where SCS is used to assign a UP to downlink MSDUs, the UP to be assigned is specified in the Intra-Access Category Priority element (see 11 25.2 of baseline). Therefore, the sentence saying the User Priority subfield should be set to the same as the value in TCLAS seems incorrect, since this would not equal the UP that the data frames will be assigned. | Remove the sentence from this subclause (clause 9 should just define the field). Potentially move to clause 11 SCS, and modify so it refers to the Intra-Access Category Priority element instead of TCLAS. | **Revised**Added text to clarify the following:* If the TCLAS is present and its UP field is 0-7, the UP field of the QoS characteristics element is set to the same value
* If an Intra-Access Category Priority element is present and its UP field is 0-7, the UP field of the QoS characteristics element is set to the same value

**TGbe editor, please make changes as shown in 11-22/1436r5 for CID 10071** |
| 12972 | Chunyu Hu | 254.15 | Is the Burst Size meant to count the number of (maximum) bursts, or number of bytes in the burst of traffic? I think it's the latter. In either case, needs clarification. | As in comment | **Revised**Clarified that the burst is measure “within the Delay Bound” as in the resolution of CID 13245 (already incorporated in D2.3).No further actions are needed. |
| 14071 | Liuming Lu | 251.41 | Currently 802.11be has not defined enough parameters of QoS Characteristics element for the latency sensitive traffic. And the potential support for the future TSN applications needs to be considered for the specification of the extended parameters of QoS Characteristics element. | Suggest to specify the extended parameters of QoS Characteristics element for the latency sensitive traffic. TSN paramerters can be used as a reference to specify the extended parameters of QoS Characteristics element. | **Rejected**TGbe has not discussed anything TSN specific that is related to the context of the QoS characteristics element. The proposed resolution lacks a specific proposal. Please provide a more detailed proposal. |

Proposed Text Change

***TGbe editor: modify subclause 9.4.2.316 as follows:***

9.4.2.316 QoS Characteristics element

[…]

* The User Priority subfield contains the user priority value (0~7) of the data frames that are described by this element. When an Intra-Access Category Priority element is present in the SCS Request frame containing this element, the User Priority subfield is set to the same value as the User Priority in the Intra-Access Category Priority element (#10071). When an Intra-Access Category Priority element is not present in the SCS Request frame containing this element and the TCLAS element is present in the SCS Request frame containing this element with the User Priority subfield set to a value 0 to 7(#10071), the User Priority subfield is set to the User Priority value specified in the TCLAS element..

Do you agree to the resolution provided in doc 11-22/1436r5 for the following CIDs?

10071, 12972, 14071