IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Resolution for LB266 CIDs related to 9.4.2.316 QoS Characteristics element Part 3 (misc) | | | | |
| Date: January, 2023 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Duncan Ho | Qualcomm Inc. | 5665 Morehouse Dr. San Diego CA 92121 USA | +1 (858) 845-3214 | dho@qti.qualcomm.com |
| Alfred Asterjadhi |  |  |  |
| Abdel Karim Ajami |  |  |  |
| Abhishek Patil |  |  |  |
| George Cherian |  |  |  |
| Gaurang Naik |  |  |  |
| Yanjun Sun |  |  |  |

Abstract

This submission proposes a resolution for the following 5 CIDs for TGbe (LB266).

10448, 12712, 12718, 12780, 13222

Revisions:

* Rev 0: Initial version of the document.

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.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 10448 | Yonggang Fang | 71.01 | The senstence "In an implementation, this function may be distributed into the MLD lower MAC sublayers for the links" is for a reference of implementation. It is not necessay to be here. Please remove this. | Suggest to delete this. | **Accepted** |
| 12712 | Pascal VIGER | 200.55 | According to SCS mechanism, a QoS Characteristics element provides parameters that finely describes the LL traffic characteristics. There is a need to identify which link(s) the SCS can use. If linkID is kept in QoS Characteristics element, then more than one QoS Characteristics element shall be considered, one per link. | as per comment | **Rejected**  802.11be already has the TID-to-link mapping, which can map a TID to a set of link(s). Therefore, TID-to-link mapping can be used to achieve the same as in the comment. |
| 12718 | Pascal VIGER | 252.02 | In order to better support P2P traffic, there is a need to update QoS Characteristics element format by specific information related to P2P (e.g. for TXS) : Link Id, expected duration and BW, the STA AID of P2P recipient STA. By knowing recipient P2P STA's AID, AP can invite it to join a same TWT session so STA is awake at SP | as per comment | **Rejected**  The QoS characteristics element for p2p case already includes the “Medium Time” field, which indicates the duration requested. It lacks the BW information, which is addressed in 22/1457 |
| 12780 | Romain GUIGNARD | 251.40 | For direct link traffic, the information of the receiving peer STA could be valuable to help the AP in its scheduling and for instance to avoid multiple communication to the same STA (P2P and DL) | Add an information to inform the AP of the peer receiver STA in case of direct link communication. | **Rejected**  It’s not clear what specific information the commenter is suggesting. |
| 13222 | Evgeny Khorov | 66.54 | It is not clear, how a STA can indicate the current amount of required channel time for direct-link operation | Add the corresponding mechanism | **Rejected**  The STA indicates the requested channel time in the “Medium Time” field in the QoS characteristics element. If this changes, the STA could send an updated QoS characteristics element to update the AP. |

Do you agree to the resolution provided in doc 11-22/0105r0 for the following CIDs?

10448, 12712, 12718, 12780, 13222