IEEE P802.11
Wireless LANs

Abstract

This submission proposes resolutions for the following CIDs:

16282, 16400, 16403, 16685, 18212, 18334

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 D3.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe D3.0 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 TGbe 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** | **Clause** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 16282 | Ryuichi Hirata | 35.3.19.2 | 573.23 | Considering the green communication, power save mechnism should be defined for not only NSTR mobile AP MLD but also general AP MLD. | As in the comment | RejectedTID-to-Link mapping mechanism can be utilized for power save purpose. The commenter failed to identify the issue.  |
| 16400 | Liuming Lu | 35.3.19.1 | 573.50 | The channel access rules for the APs affiliated with an NSTR mobile AP MLD and STAs affiliated with a non-AP MLD associated with an NSTR mobile AP MLD need to be clarified, such as the TXOP rules, error recovery mechanism. | As in comment | RejectedThe restrictions of transmitting a PPDU on non-primary link for NSTR mobile AP multi-link operation are defined in 35.3.19.1. The commenter failed to identify the issue. |
| 16403 | Liuming Lu | 35.3.19.1 | 573.50 | The additional constraints are currently specified for the transmission in the nonprimary link of a NSTR mobile AP MLD, which may limit the efficency of frame exchanges between a NSTR mobile AP MLD and non-AP MLD. For non-AP MLD its affiliated STA can initiate its transmission by obtaining the TXOP through EDCA mechanism to become a TXOP holder or get the TXOP shared by the mobile AP MLD. The current specificaiton lacks of the mechanism to allow the non-AP MLD to request the AP MLD to share its obtained TXOP with the non-AP MLD. | Suggest to specify the mechanism to allow the non-AP MLD to request the AP MLD to share its obtained TXOP with the non-AP MLD. And the mechanism of synchronous transmission in two links for non-AP MLD by obtaining the TXOP through EDCA to become a TXOP holder or get the TXOP shared by the Soft AP MLD needs to be considered to be specified. | RejectedThe additional constraints defined in the current spec text is only for “Start time sync PPDUs medium access”. The commenter failed to identify the issue. |
| 16685 | Qi Wang | 35.3.19 | 573.03 | Many legacy STAs operate in 2.4 GHz. NSTR Mobile AP would benefit if it could operate NSTR link pair and in 2.4 GHz. | Please allow NSTR Mobile AP to operate with NSTR Link pair and a link in the 2.4 GHz. | Rejected.A 2.4GHz channel can be collocated with an NSTR link pair. The commenter failed to identify the issue. |
| 18212 | Rubayet Shafin | 35.3.19 | 573.03 | Simultaneous Transmission and Reception would be a key feature for Mobile AP MLD in 11be. However, currently the mechanisms and operational procedures for STR Mobile AP MLD is missing in the spec. | Please generalize the current operation of mobile AP MLD and allow STR mode of mobile AP MLD operation and provide necessary text. | Rejected.A mobile AP MLD which can support STR operation is a subset of regular AP MLD.The commenter failed to identify the issue. |
| 18334 | Peshal Nayak | 35.3.19.1 | 573.27 | There can be a number of scenarios in which the NSTR mobile AP MLD may want to change the primary link designation for beacon transmission. | Define a mechanism by which the NSTR Mobile AP MLD can change the primary link designation | Revised.The swapping of channels of primary and nonprimary link has been allowed to change the designation for primary link. Refer to comment resolution for CID 15626 in 11/0395r4. |