IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Delayed Block Ack deletion cleanup | | | | |
| Date: 2019-9-4 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Menzo Wentink | Qualcomm | Utrecht, the Netherlands |  | mwentink@qti.qualcomm.com |

Abstract

This submission proposes a resolution for CID 2289.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2289 | Mark Hamilton | 6.3.27.2.2 | Delayed block ack (non-HT) has been removed. But, there are several references to it/uses of that phrase (without the "HT-" in front), still. | At P441.39, change "Delayed" to "HT-delayed". Same thing at P443.10, P444.27, and P445.53. At P821.15, delete "Delayed and". Same thing at P825.14. At P906.14, change "delayed" to "HT-delayed". On P1129.7, change bit 8 in the Capabilities subfield (of the BSSID Information field) from "Delayed Block Ack" to "Reserved". At P1421.13, change "Delayed Block Ack" to "Protected Block Ack". At P1422.40, change "Delayed Block Ack" to "Protected Block Ack". Change "suport for CMMG delayed Block Ack" to "support for protected block ack". Change "request for Delayed Block Ack" to "request for protected block ack". At P1654.57, change "delayed block ack rules" to "HT-delayed block ack rules". At 1655.32, change "Delayed BlockAcks" to "HT-delayed BlockAcks". Change "Delayed block ack data" to "HT-delayed block ack data". At line 40 change "Delayed BlockAckReqs" to "HT-delayed BlockAckReqs". Same things on Page 1656, starting at line 7. And again starting at line 35 on that same page (1656). At P1843.57, change "delayed" to "HT-delayed". Same thing on the next line. Same thiing at P1846.46. Same thing in the subclause title at P1846.50 (10.26.3). At P1857.21, delete "delayed". Same thing at P1857.27. At P2234.17, change "Delayed" to "HT-delayed". Do the usual steps to mark dot11DelayedBlockAckOptionImplemented as obsolete in the MIB. Same thing for dot11NDelayedBlockAckOptionImplemented, and dot11RMNeighborReportCapDelayBlockAck. |

**Discussion**

The editing instructions from the comment indeed need to be fixed. They were not included in 17-1137r10, which described the initial deletion of delayed block ack.

**Proposed resolution**

Revised. Implement changes as provided in <this document>.

441.39 change "Delayed" to "HT-delayed"

443.10 change "Delayed" to "HT-delayed"

444.27 change "Delayed" to "HT-delayed"

445.53 change "Delayed" to "HT-delayed"

821.15 delete "Delayed and"

825.14 delete "Delayed and"

906.14 change "delayed" to "HT-delayed"

1129.7 change bit 8 in the Capabilities subfield (of the BSSID Information field) from "Delayed Block Ack" to "Reserved"

1421.13 change "Delayed Block Ack" to "Protected Block Ack"

1422.40 change "Delayed Block Ack" to "Protected Block Ack"

1422.40 change "suport for CMMG delayed Block Ack" to "support for protected block ack"

1422.40 change "request for Delayed Block Ack" to "request for protected block ack"

1654.57 change "delayed block ack rules" to "HT-delayed block ack rules"

1655.32 change "Delayed BlockAcks" to "HT-delayed BlockAcks"

1655.32 change "Delayed block ack data" to "HT-delayed block ack data"

1655.40 change "Delayed BlockAckReqs" to "HT-delayed BlockAckReqs"

1656.7 change "Delayed BlockAckReqs" to "HT-delayed BlockAckReqs"

1656.35 change "Delayed BlockAckReqs" to "HT-delayed BlockAckReqs"

1843.57 change "delayed" to "HT-delayed"

1843.58 change "delayed" to "HT-delayed"

1846.46 change "delayed" to "HT-delayed"

1846.50 change "delayed" to "HT-delayed" in the subclause title (10.26.3)

1857.21 delete "delayed"

1857.27 delete "The HT-delayed extensions simplify the use of delayed block ack in an A-MPDU and reduce resource requirements."

2234.17 change "Delayed" to "HT-delayed"

Do the usual steps to mark dot11DelayedBlockAckOptionImplemented as obsolete in the MIB

Do the usual steps to mark dot11NDelayedBlockAckOptionImplemented as obsolete in the MIB

Do the usual steps to mark dot11RMNeighborReportCapDelayBlockAck as obsolete in the MIB