IEEE P802.11  
Wireless LANs

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| PCF Deletion Cleanup | | | | |
| Date: April 16, 2018 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Menzo Wentink | Qualcomm | Utrecht, The Netherlands | +31-65-183-6231 | mwentink  @qualcomm.com |

Abstract

This document contains some remaining items related to the deletion of PCF. Changes shown are relative to REVmd draft 1.0.

162.26 delete definition of CFP

162.31 delete definition of CP

189.55 delete CFP acronym

189.60 delete CP acronym

268.61 change "either Contention or ContentionFree" to "Contention"

269.16 modify as shown

The noninteger value of the priority parameter is allowed at all non-QoS STAs. The integer values of the priority parameter (i.e., TID) are supported only at QoS STAs that are in a QoS BSS. A range of 0 to 15 is supported by QoS STAs associated in a QoS BSS; whereas a range of 0 to 7 is supported by QoS STAs that are members of a QoS IBSS. If a QoS STA is associated in a non-QoS BSS, the STA is functioning as a non-QoS STA, so the priority value is always Contention.

At QoS STAs associated in a QoS BSS, MSDUs with a priority of Contention are considered equivalent to MSDUs with TID 0. At STAs associated in a non-QoS BSS, all MSDUs with an integer priority are considered equivalent to MSDUs with a priority of Contention.

269.33 delete ", if they are received during the contention period (CP), or ContentionFree, if they are received during the contention free period (CFP)"

279.22 delete "or ContentionFree"

281.60 delete "or ContentionFree"

283.48 modify as follows:

d) Undeliverable: unsupported priority (for priorities other than Contention at a non- QoS STA; or for priorities other than Contention, or an integer in the range 0 to 15 at a QoS STA).

283.56 modify as follows:

f) Unavailable priority (for an integer in the range 1 to 15 at a STA that is associated in a non-QoS BSS, or an integer in the range 8 to 15 at a STA that is a member of an IBSS, in which case the MSDU is transmitted with a provided priority of Contention).

284.26 delete ", ContentionFree"

737.12 delete "with whether the frame is transmitted during the CFP"

737.20 delete "b) In frames transmitted by the PC and non-QoS STAs, during the CFP, the Duration/ID field is set to

a fixed value of 32 768."

737.43 delete "transmitted during the CP"

737.44 delete "- frames transmitted during the CFP using the HCF"

788.64 delete "during the CP"

793.44 delete "during the CP"

835.57 delete Table 9-48 (Non-AP STA usage of QoS, CF-Pollable, and CF-Poll Request)

836.19-23 delete paragraph

836.26 delete Table 9-49 (AP usage of QoS, CF-Pollable, and CF-Poll Request)

1035.36 delete "during the CP"

1570.8 delete "when the channel is in CP"

1574.44 delete "sent during the CP"

1577.16 replace "within a TXOP (#65)for any types of frames during the CFP(#65), and" with "used"

1578.1 delete "a CFP or"

1578.3 delete "n HC or a"

1622.3 delete "and that is sent in the CP"

1665.52 delete "during the CP"

1665.53 delete "during the CP or CFP"

1689.60 delete "37"

1690.58 delete note 37

1736.9 delete "Beacon frames with nonzero (#153)CFPDurRemaining"

1944.41-47 delete paragraph

1967.42 delete "If the TIM indicating the buffered BU is sent during a CFP, a CF-Pollable STA operating in the PS mode does not send a PS-Poll frame, but remains active until the buffered BU is received (or the CFP ends)."

1973.35 change reference to 11.2.3.7 (AP operation during the CFP) to 11.2.3.6 (AP operation during the CP)

1975.1 delete "during the CP"

1975.14 modify as follows: "The following rules describe the operation:"

1978.36 delete clause 11.2.3.7 (AP operation during the CFP) - ends 1979.45

1979.47 delete "during the CP"

1979.50 delete "when no PC is operating and during the PC when a PC is operating"

1979.53 delete "during the CP"

1980.48 delete subclause 11.2.3.9 (Receive operation for STAs in PS mode during the CFP) - ends 1981.18

3229.20 delete "during contention period (CP)"

3229.24 make item PC12.4 (AP function during CFP) reserved and delete the items on the right (similar to PC11.10)

3229.28 delete "during CP"

3229.32 make item PC12.6 (Non-AP STA receive function during CFP) reserved and delete the items on the right (similar to PC11.10)

4138.53 change TCP to TEDCA

4138.64 change TCP to TEDCA