IEEE P802.11
Wireless LANs

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| Resolution for CID 1501  |
| Date: 2018-09 |
| Author(s): |
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Abstract

This submission proposes resolution for CID 1501

Green indicates material agreed to in the group,

yellow material to be discussed, red material rejected by the group and

cyan material not to be overlooked.

The “Final” view should be selected in Word.

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| --- | --- | --- | --- | --- | --- | --- |
| CID | Commenter | Clause  | Page  | Line | Comment | Proposed |
| 1501 | Mark Rison |  |  |  | "backoff timer" is confusing since it's not really a timer, it's just a counter (and indeed there are a number of "backoff counter"s). The "backoff counter" should be referenced instead, and then it's not that it expires but that it is/reaches zero | Change all the instances of "backoff timer" throughout the draft to "backoff counter" |

Back in D0.1 it was agreed to change the ‘backoff timer’ to Backoff counter’

Note

10.3.3 Random Backoff Time

Backoff Count = Random()

Some refernces to backoff timer still remain.

In 17 places “timer” is replaced with “counter”.

I have provided the context for each cite so as to make it easier to check that the change works.

RESOLUTION

REVISE

References are to D1.5

P1691L59

Replace “The STA’s backoff timer has expired” with “The STA’s backoff counter has a value of zero”

P1692L15

Replace “backoff timer for that AC has expired” with “backoff counter for that AC has a value of zero”

P1721L1

Replace “backoff timer is zero” with “backoff counter has a value of zero”

P1721L52

Replace “STA shall set its backoff timer to a random backoff time using the equation

in 10.3.3 (Random backoff time)”

with

“STA shall set its backoff counter to a random backoff time using the equation

in 10.3.3 (Random backoff time)”

P1722L50

Replace “In an IBSS the backoff timer for a pending non-Beacon or non-ATIM transmission shall not decrement in the

period from the TBTT until the expiration of the ATIM window, and the backoff timer for a pending ATIM

frame shall decrement only within the ATIM window.”

With

“In an IBSS the backoff counter for a pending non-Beacon or non-ATIM transmission shall not decrement in the

period from the TBTT until the expiration of the ATIM window, and the backoff counter for a pending ATIM

frame shall decrement only within the ATIM window.

P1722L57

Replace “a DMG STA shall suspend decrementing its backoff timer(s)”

With

“a DMG STA shall suspend decrementing its backoff counter(s)”

P1722L60

Replace “the DMG STA shall resume the backoff timer(s) for non-ATIM frames. A DMG STA shall not decrement the backoff timer for a pending ATIM frame outside the awake window.”

With

“the DMG STA shall resume the backoff counter(s) for non-ATIM frames. A DMG STA shall not decrement the backoff counter for a pending ATIM frame outside the awake window.”

P1789L9

Replace “backoff timer has a value of 0 for that AC”

With

“backoff counter has a value of 0 for that AC”

P1805L47

Replace “and the backoff timer has a value of 0.”

With

“and the backoff counter has a value of 0.”

P2110L58

Replace “Suspend the decrementing of the backoff timer”

With

“Suspend the decrementing of the backoff counter”

P2111L17

Replace “Resume decrementing the backoff timer”

With

“Resume decrementing the backoff counter”

P2111L22

Replace “resume decrementing the backoff timer”

With

“resume decrementing the backoff counter”

P2114L60

Replace “suspend the decrementing of the backoff timer”

With

“suspend the decrementing of the backoff counter”

P2153L28

Replace “backoff timer for that EDCAF has been 0”

With

“backoff counter for that EDCAF has been 0

P2300L27

Replace “and the backoff timer has a value of 0.”

With

“and the backoff counter has a value of 0.”