IEEE P802.11
Wireless LANs

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| Comment resolution on dot11EDCATable |
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Abstract

Resolutions to LB232 comments on elements: 1080, 1081

## Comments

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 1080 | 1567.27 | 10.2.3.2 | Not necessarily consistent with P3788L55 ("Changes take effect as soon as practical in the implementation"). Also, was the intent to ensure that the MIB is up to date or that the EDCA parameters take effect within a certain time? This statement certainly does not achieve the latter. | Update the MIB object descriptions and/or the statement here. E.g., "A QoS STA, on receiving an updated EDCA Parameter Set element, should update the dot11EDCATable as soon as pratical in the implementain but shall update the dot11EDCATable within an interval of time equal to one beacon interval." | REVISED - Agree in principle with the proposed change. Change the sentence "A QoS STA shall update its MIB attributes that correspond to fields in an EDCA Parameter Set elementwithin an interval of time equal to one beacon interval after receiving an updated EDCA parameter set." to "A QoS STA, on receiving an updated EDCA Parameter Set element, should update the dot11EDCATable as soon as pratical in the implementain but shall update the dot11EDCATable within an interval of time equal to one beacon interval." |
| 1081 | 1567.27 | 10.2.3.2 | I'm not sure "MIB attributes" is accurate here. MIB attributes might be things like MAX-ACCESS, STATUS, etc. There reference to "MIB attributes that correspond to fields in an EDCA Parameter Set element" is a little vague. Why not reference dot11EDCATable directly? | A QoS STA shall update its dot11EDCATable within... | REVISED - In the cited paragraph, MIB attributes is used 3 times. Replace references to "MIB attributes" in this paragraph with references to dot11EDCATable as show in the editing instructions for 1080 and 1081 in <this document> |

## Editing instructions for 1080 and 1081

(11ah) A QoS STA, on receiving an updated EDCA Parameter Set element, should update the dot11EDCATable as soon as pratical in the implementain but shall update the dot11EDCATable within an interval of time equal to one beacon interval. QoS STAs update the dot11EDCATable and store the EDCA Parameter Set update count value in the QoS Info field. (11ah)An S1G STA shall update its dot11EDCATable if its STA type is indicated by the STA Type subfield contained in the received EDCA Parameter Set element (see 10.62 (S1G flow control(11ah))). An AP may change the EDCA access parameters by
changing the EDCA Parameter Set element in the Beacon frame, Probe Response frame, and (Re)Association
Response frame. However, the AP should change them only rarely. A QoS STA shall use the EDCA Parameter
Set Update Count Value subfield in the QoS Capability element of all Beacon frames to determine whether the
STA is using the current EDCA Parameter Values. If the EDCA Parameter Set update count value in the QoS
Capability element is different from the value that has been stored, the QoS STA shall query the updated
EDCA parameter values by sending a Probe Request frame to the AP.