IEEE P802.11  
Wireless LANs

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| Changes to clause 8.5 from LB172 | | | | |
| Date: 2011-03-15 | | | | |
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Abstract

Submission for comments on clause 8.5 in LB 172

The editing instructions are shown in ***bold italic***. Four editing instructions are used: ***change, delete, insert, and replace***. Change is used to make corrections in existing text or tables. The editing instruction specifies the location of the change and describes what is being changed by using ~~strikethrough~~ (to remove old material) and underscore (to add new material). ***Delete*** removes existing material. ***Insert*** adds new material without disturbing the existing material. Insertions may require renumbering. If so, renumbering instructions are given in the editing instruction. ***Replace*** is used to make changes in figures or equations by removing the existing figure or equation and replacing it with a new one. Editorial notes will not be carried over into future editions because the changes will be incorporated into the base standard.

This amendment’s baseline is Draft P802.11ae\_D2.00.doc

## 8.5 Action frame format details

### 8.5.8 Public Action details

#### 8.5.8.1 Public Action frames

***Insert two new items at the end of Table 8-134 and update the reserved values as appropriate:***

|  |  |
| --- | --- |
| **Table 8-134—Public Action field values** | |
| **Public Action field value** | **Description** |
| <ANA> | QMF Policy Config |
| <ANA> | QMF Policy Change |

***Insert the following new subclauses at the end of clause 8.5.8:***

#### 8.5.8.ae1 QMF Policy frame format

The QMF Policy frame uses the Action frame format and is transmitted by a requesting STA to configure recieving STA with the included QoS management frame policy configuration. The format of the action field of the QMF Policy frame is shown in Figure 8-5ae1 (QMF Policy frame action field contents).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Category | Public Action | Dialog Token | Status Code | QoS Management Frame Policy element (optional) |
| **Octets:** | 1 | 1 | 1 | 2 | 3-257 |

**Figure 8-5ae1—QMF Policy frame action field contents**

The Category field is set to the value for public action defined in Table 8-37 (Category values).

The Public Action field is set to indicate a QMF Policy frame, as defined in Table 8-134 (Public Action field values).

The Dialog Token field is set to a value chosen by the STA sending the request to identify the transaction. This may be generated by the STA or set to the value in corresponding QMF Policy Change frame.

The Status Code field is defined in 8.4.1.9.

The QoS Management Frame Policy element is set as described in 8.4.2.ae1 (QoS Management Frame Policy element). It indicates the new access categories requested for management frame(s). This field in included if the Status Code is set to SUCCESSFUL.

#### 8.5.8.ae2 QMF Policy Change frame format

The QMF Policy Change frame uses the Action frame format and is transmitted by a requesting STA to request a change to the QMF Policy it most recently received from the destination STA. The format of the action field of QMF Policy Change frame is shown in Figure 8.5ae2 (QMF Policy Change frame action field contents).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Category | Public Action | Dialog Token | QoS Management Frame Policy element |
| **Octets:** | 1 | 1 | 1 | 3-257 |

**Figure 8.5ae2—QMF Policy Change frame action field contents**

The Category field is set to the value for public action defined in Table 8-37 (Category values).

The Public Action field is set to indicate a QMF Policy Change frame, as defined in Table 8-134 (Public Action field values).

The Dialog Token field is set to a nonzero value chosen by the STA sending the QMF Policy Change frame to identify the transaction..

The QoS Management Frame Policy element is set as described in 8.4.2.ae1 (QoS Management Frame Policy element). It indicates the new access categories requested for management frame(s).

### 8.5.11 Protected Dual of Public Action frames

#### 8.5.11.1 Protected Dual of Public Action details

***Insert two new items at the end of Table 8-147 and update the reserved values as appropriate:***

|  |  |
| --- | --- |
| **Table 8-147—Public Action field values defined for Protected Dual of Public Action frames** | |
| **Public Action field value** | **Description** |
| <ANA> | Protected QMF Policy |
| <ANA> | Protected QMF Policy Change |

***Insert the following new subclauses at the end of clause 8.5.11:***

#### 8.5.11.ae1 Protected QMF Policy frame format

The Protected QMF Policy frame format is the same as the QMF Policy frame format (see 8.5.8.ae1 (QMF Policy frame format)). It is used instead of the QMF Policy frame when Management Frame Protection is negotiated.

#### 8.5.11.ae2 Protected QMF Policy Change frame format

The Protected QMF Policy Change frame format is the same as the QMF Policy Change frame format (see 8.5.8.ae2 (QMF Policy Change frame format)). It is used instead of the QMF Policy Change frame when Management Frame Protection is negotiated.