Management Frames 00

**Information Fields and Information Elements (with IE ID)**

<table>
<thead>
<tr>
<th>Field</th>
<th>Size (Octets)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authentication Algorithm Number</td>
<td>2</td>
</tr>
<tr>
<td>Authentication Transaction Seq #</td>
<td>2</td>
</tr>
<tr>
<td>Beacon Interval</td>
<td>2</td>
</tr>
<tr>
<td>Current AP MAC Address</td>
<td>6</td>
</tr>
<tr>
<td>Listen Interval</td>
<td>2</td>
</tr>
<tr>
<td>Reason Code</td>
<td>2</td>
</tr>
<tr>
<td>Association ID (AID)</td>
<td>2</td>
</tr>
<tr>
<td>Status Code</td>
<td>2</td>
</tr>
<tr>
<td>Timestamp</td>
<td>8</td>
</tr>
<tr>
<td>SSID</td>
<td>Optional 0 - 32</td>
</tr>
<tr>
<td>Ex Supported Rates</td>
<td>Optional 1 - 50</td>
</tr>
<tr>
<td>FH Parameter Set</td>
<td>Optional 2</td>
</tr>
<tr>
<td>DS Parameter Set</td>
<td>Optional 3</td>
</tr>
<tr>
<td>CF Parameter Set</td>
<td>Optional 4</td>
</tr>
<tr>
<td>IBSS Parameter Set</td>
<td>Optional 6</td>
</tr>
<tr>
<td>Capability Information</td>
<td>Fixed 2</td>
</tr>
<tr>
<td>Traffic Indication Map (TIM)</td>
<td>Optional 5</td>
</tr>
<tr>
<td>Challenge Text</td>
<td>Optional 16</td>
</tr>
<tr>
<td>ERP Information</td>
<td>Optional 42</td>
</tr>
</tbody>
</table>

**Reason Codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Successful</td>
</tr>
<tr>
<td>1</td>
<td>Unspecified Failure</td>
</tr>
<tr>
<td>2</td>
<td>Cannot support all requested capabilities</td>
</tr>
<tr>
<td>11</td>
<td>Reassociation denied due to inability to confirm association</td>
</tr>
<tr>
<td>12</td>
<td>Association denied due to reason outside the standard</td>
</tr>
<tr>
<td>13</td>
<td>Responding STA doesn’t support the specified auth algorithm</td>
</tr>
<tr>
<td>14</td>
<td>Received an authentication frame with authentication transaction sequence number out of expected sequence</td>
</tr>
<tr>
<td>15</td>
<td>Authentication rejected because of challenge failure</td>
</tr>
<tr>
<td>16</td>
<td>Authentication rejected due to timeout waiting for next frame in sequence</td>
</tr>
<tr>
<td>17</td>
<td>Association denied because the AP is unable to handle additional associated STA’s</td>
</tr>
<tr>
<td>18</td>
<td>Association denied due to requesting STA not supporting all of the data rates in the IBSSBasicRateSet parameter</td>
</tr>
<tr>
<td>19</td>
<td>Association denied due to requesting station not supporting Short Preamble</td>
</tr>
<tr>
<td>20</td>
<td>Association denied due to requesting STA not supporting EAPOL-Confirm frame</td>
</tr>
<tr>
<td>21</td>
<td>Association denied due to requesting STA not supporting Channel Agility</td>
</tr>
<tr>
<td>22</td>
<td>24 Reserved</td>
</tr>
<tr>
<td>25</td>
<td>Association denied due to requesting STA not supporting Short Time Slot</td>
</tr>
<tr>
<td>38</td>
<td>Association denied due to requesting STA not supporting DFS-Extended</td>
</tr>
<tr>
<td>27</td>
<td>65,535 Reserved</td>
</tr>
</tbody>
</table>

**Status Codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not CF-Pollable</td>
</tr>
<tr>
<td>1</td>
<td>CF-Pollable – not desiring to be on CF Poll list</td>
</tr>
<tr>
<td>1</td>
<td>CF-Pollable – desiring to be on CF Poll list</td>
</tr>
<tr>
<td>1</td>
<td>CF-Pollable – desiring never to be polled</td>
</tr>
</tbody>
</table>

**Capability Information Field Format**