



## Client Limit

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### Information About Client Limit

This feature enforces a limit on the number of clients that can be associated with an AP. Further, you can configure the number of clients that can be associated with each AP radio.

### Configuring Client Limit Per WLAN (GUI)

#### Procedure

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- Step 1** Choose **Configuration > Tags & Profiles > WLANs**.
  - Step 2** Click a WLAN from the list of WLANs.
  - Step 3** Click the **Advanced** tab.
  - Step 4** Under the **Max Client Connections** settings, enter the client limit for **Per WLAN**, **Per AP Per WLAN**, and **Per AP Radio Per WLAN**.
  - Step 5** Click **Update & Apply to Device**.
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### Configuring Client Limit Per WLAN (CLI)

#### Procedure

|               | Command or Action                | Purpose                      |
|---------------|----------------------------------|------------------------------|
| <b>Step 1</b> | <b>enable</b><br><b>Example:</b> | Enters privileged EXEC mode. |

|               | Command or Action  | Purpose   |
|---------------|--|---|
|               | Device# <b>enable</b>  |   |
| <b>Step 2</b> | <b>configure terminal</b><br><b>Example:</b><br>Device# <b>configure terminal</b>  | Enters global configuration mode.   |
| <b>Step 3</b> | <b>wlan wlan-name</b><br><b>Example:</b><br>Device(config)# <b>wlan ramban</b>   | Specifies the WLAN name.  |
| <b>Step 4</b> | <b>client association limit</b><br><i>maximum-clients-per-WLAN</i><br><b>Example:</b><br>Device(config-wlan)# <b>client association limit 110</b>                      | Configures the maximum number of clients that can be associated to the given WLAN.<br><br><b>Note</b> Depending on the primary AP in the Cisco Embedded Wireless Controller network, the maximum number of clients supported varies. For more information about the client count limit per WLAN in a Cisco Embedded Wireless Controller network, see <a href="#">Table 1: Scale Supported in a Cisco Embedded Wireless Controller Network, on page 2</a><br><br><b>Table 1: Scale Supported in a Cisco Embedded Wireless Controller Network</b> |
| <b>Step 5</b> | <b>client association limit ap</b><br><i>max-clients-per-AP-per-WLAN</i><br><b>Example:</b><br>Device(config-wlan)# <b>client association limit ap 120</b>             | Configures the maximum number of clients that can be associated to an AP in the WLAN.   |
| <b>Step 6</b> | <b>client association limit radio</b><br><i>max-clients-per-AP-radio-per-WLAN</i><br><b>Example:</b><br>Device(config-wlan)# <b>client association limit radio 100</b> | Configures the maximum number of clients that can be associated to an AP radio in the WLAN.   |
| <b>Step 7</b> | <b>end</b><br><b>Example:</b><br>Device(config)# <b>end</b>  | Returns to privileged EXEC mode. Alternatively, you can also press <b>Ctrl-Z</b> to exit global configuration mode.   |
| <b>Step 8</b> | <b>show wlan id wlan-id</b><br><b>Example:</b><br>Device# <b>show wlan id 2</b>  | Displays the current configuration of the WLAN and the corresponding client association limits.   |