LED States for Access Points

Information About LED States for Access Points

In a wireless LAN network where there are a large number of access points, it is difficult to locate a specific access point associated with the controller. You can configure the controller to set the LED state of an access point so that it blinks and the access point can be located. This configuration can be done in the wireless network on a global as well as per-AP level.

The LED state configuration at the global level takes precedence over the AP level.

Configuring LED State in Access Points (GUI)

Procedure

Step 1	Choose **Configuration** > **Wireless** > **Access Points**.
Step 2	Click an AP from the AP list. The **Edit AP** window is displayed.
Step 3	In the **General** tab, under the General section, click the box adjacent to the **LED State** field to enable or disable the LED state.
Step 4	From the **LED Brightness Level** drop-down list, choose a value from 1 to 8.
Step 5	Click **Update & Apply to Device**.

Configuring LED State for Access Points in the Global Configuration Mode (CLI)

Procedure

	Command or Action	Purpose
Step 1	**enable** **Example:** `Device> enable`	Enables privileged EXEC mode. Enter your password if prompted.
Step 2	**ap name** *Cisco-AP-name* **led** **Example:** `Device# ap name Cisco-AP-name led`	Enables the LED state for Cisco APs, globally.
Step 3	**ap name** *Cisco-AP-name* **led-brightness-level** *1-8* **Example:** `Device# ap name Cisco-AP-name led-brightness-level 4`	Configures the LED brightness level. Value of the brightness is from 1 to 8.

Configuring LED State in the AP Profile

Procedure

	Command or Action	Purpose
Step 1	**configure terminal** **Example:** `Device# configure terminal`	Enters global configuration mode.
Step 2	**ap profile** *default-ap-profile* **Example:** `Device(config)#ap profile default-ap-profile`	Enters the AP profile configuration mode.
Step 3	**led** **Example:** `Device(config-ap-profile)# led`	Enables the LED-state for all Cisco APs.

Verifying LED State for Access Points

To verify the LED state of the access points, use the following command:

show ap name AXXX-APXXXX.bdXX.f2XX config general

```
Device# show ap name AXXX-APXXXX.bdXX.f2XX config general
Cisco AP Name : AXXX-APXXXX.bdXX.f2XX
=================================================
Cisco AP Identifier : 0cXX.bdXX.65XX
Country Code : Multiple Countries : FR,IN,US
Regulatory Domain Allowed by Country : 802.11bg:-AE 802.11a:-ABDEN
AP Country Code : US - United States
AP Regulatory Domain
802.11bg : -A
802.11a : -B
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CAPWAP Preferred mode : IPv4
CAPWAP UDP-Lite : Not Configured
AP Submode : WIPS
Office Extend Mode : Disabled
Dhcp Server : Disabled
Remote AP Debug : Disabled
Logging Trap Severity Level : information
Logging Syslog facility : kern
Software Version : 17.X.0.XXX
Boot Version : 1.1.X.X
Mini IOS Version : 0.0.0.0
Stats Reporting Period : 180
LED State : Enabled
MDNS Group Id : 0
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```