Configuring the AP Console

Feature History for Configuring the Access Point Console

This table provides release and related information about the feature explained in this section.

This feature is also available in all the releases subsequent to the one in which they are introduced in, unless noted otherwise.

Table 1: Feature History for Configuring the Access Point Console

Release	Feature	Feature Information
Cisco IOS XE Cupertino 17.9.1	Configuring the Access Point Console	This feature allows you to configure the Access Point (AP) console from the controller. In Cisco IOS XE Cupertino 17.8.x and earlier releases, the AP console could be disabled from the controller, only by enabling the Federal Information Processing Standard (FIPS) mode or the Common Criteria (CC) mode.

Information About Configuring the Access Point Console

From Cisco IOS XE Cupertino 17.9.1 onwards, a new option (a configuration knob) is introduced to enable the Access Point console from the controller, which is independent of the FIPS mode or the high-security mode (CC mode). (Until Cisco IOS XE Cupertino 17.8.1, the console was enabled by default). This configuration knob can be activated through the controller GUI and CLI.

Console enablement is isolated from the FIPS mode and is configured through the AP join profile. In the CC mode, the console and SSH are disabled. When you enable the CC mode, it overrides the AP console configurations, if any, done from the AP profile.

Configuring the AP Console (GUI)

Procedure

Step 1	Choose **Configuration** > **Tags & Profiles** > **AP Join**.
Step 2	In the **Management** tab, in the **Telnet/SSH Configuration** section, check the **Serial Console** check box.
Step 3	Click **Apply to Device**.

Configuring the AP Console (CLI)

Procedure

	Command or Action	Purpose
Step 1	**configure terminal** **Example:** `Device# configure terminal`	Enters global configuration mode.

Step 2	**ap profile** *ap-profile-name*
	
	Example:
	`Device(config)# ap profile`
	`ap-profile-name`
		Configures an AP profile and enters AP profile configuration mode.

Step 3	**[no] console** **Example:** `Device(config-ap-profile)# console`	Enables the AP serial console port. Use the **no** form of this command to disable the AP serial console port.

Verifying the AP Console Status

To verify the AP console status from the controller, run the following command:

```
Device# show ap config general | include ap-Name | console
Cisco AP Name : CiscoAP
=================================================

Cisco AP Identifier : 6XXX.bXXX.aXXX
Country Code : US
Regulatory Domain Allowed by Country : 802.11bg:-A 802.11a:-AB 802.11 6GHz:-B
AP Country Code : US - United States
AP Regulatory Domain
802.11bg : -A
802.11a : -B
MAC Address : 6XXX.bXXX.0XXX
IP Address Configuration : DHCP
```

```
IP Address : 30.30.30.26
IP Netmask : 255.255.255.0
Gateway IP Address : 30.30.30.1
Fallback IP Address Being Used :
Domain :
Name Server :
CAPWAP Path MTU : 1485
Capwap Active Window Size : 1
Telnet State : Disabled
CPU Type : ARMv8 Processor rev 4 (v8l)
Memory Type : DDR3
Memory Size : 1752064 KB
SSH State : Enabled
Serial Console State : Enabled
```