Configuring Cisco 700 Series Access Points

- Information About Cisco 700 Series Access Points, page 1
- Configuring Cisco 700 Series Access Points, page 1

Information About Cisco 700 Series Access Points

The Cisco Aironet 700 Series is a compact access point that delivers secure and reliable wireless connections. The main features are:

- Simultaneous dual band, dual radio with support for 2.4GHz and 5GHz.
- Optimized antenna and radio designs: Consistent network transmit and receive for optimized rate versus range.
- Radio resource management (RRM): Automated self-healing optimizes the unpredictability of RF to reduce dead spots and help ensure high-availability client connections.
- Cisco BandSelect improves 5-GHz client connections in mixed-client environments.
- Advanced security features including Rogue Detection, wIPS and Context-Aware.

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The Cisco 700 series access points has four LAN ports. The configuration of these ports is stored in a file on flash. The AP retrieves the configuration when restarted. The AP then shares the information with Controller after joining so that Controller can display the updated information.

Note The AP deletes the saved port information and applies the default configuration when the controller clears all the existing configuration on the AP. All LAN ports are disabled by default.

Enabling the LAN Ports (CLI)

- Enable or disable a LAN port on the access point by entering this command:
  config ap lan port-id *port-id* {**enable** | **disable**} *AP-NAME*
- See the port information by entering this command:
  showap lan port-id *port-id AP-NAME*
- See the port summary information by entering this command:
  showap lan port-summary *AP-NAME*

Enabling 702W LAN Ports

In Release 7.6, there is no support for administrating the Ethernet ports or assigning them to different VLANs. All ports are mapped to the same access VLAN that AP's switch port is configured to. Alternatively, the ports are mapped to the native VLAN if port is a trunk. In 8.0 and later releases, it is possible to enable or disable the ports and map them to specific VLANs if needed. This allows traffic to be separated not only between wireless and wired networks, but also among the four Ethernet ports.

Step 1 Enable or disable a LAN port on the access point by entering this command:
config ap lan port-id *port-id* { **enable**| **disable**} *AP-NAME*

Step 2 Configure the port ID by entering this command:
Configap lan port-id *port-id AP-NAME*

Step 3 Enable the access VLAN by entering this command:
Configap lan enable accessvlan*vlan-id*

Step 4 Enable the port ID for a VLAN by entering this command:
Configap lan enable accessvlan*port-id*

Step 5 Configure VLAN for the AP by entering this command:
Configap lan enable accessvlan*vlan-id port-id Cisco AP*