AP Priority

Failover Priority for Access Points

Each embedded controller has a defined number of communication ports for access points. When multiple embedded controllers with unused access point ports are deployed on the same network and one controller fails, the dropped access points automatically poll for unused controller ports and associate with them.

The following are some guidelines for configuring failover priority for access points:

- You can configure your wireless network so that the backup embedded controller recognizes a join request from a higher-priority access point, and if necessary, disassociates a lower-priority access point as a means to provide an available port.

- Failover priority is not in effect during the regular operation of your wireless network. It takes effect only if there are more association requests after an embedded controller failure than there are available backup controller slots.

- You can enable failover priority on your network and assign priorities to the individual access points.

- By default, all access points are set to priority level 1, which is the lowest priority level. Therefore, you need to assign a priority level only to those access points that warrant a higher priority.

This section contains the following subsections:

Setting AP Priority (GUI)

Procedure

Step 1   Choose **Configuration** > **Wireless** > **Access Points**.

Step 2   Click the Access Point.

Step 3   In the **Edit AP** dialog box, go to **High Availability** tab.

Step 4	Choose the priority from the **AP failover priority** drop-down list.	
Step 5	Click **Update and Apply to Device**.	

Setting AP Priority

Note   Priority of access points ranges from 1 to 4, with 4 being the highest.

Procedure

	Command or Action	**Purpose**

Step 1	**ap name** *ap-name* **priority** *priority*
	
	Example:
	`Device# ap name AP44d3.ca52.48b5`
	`priority 1`
		Specifies the priority of an access point.

Step 2	**show ap config general** **Example:** `Device# show ap config general`	Displays common information for all access points.

Step 3	**show ap name** *ap-name* **config general**
	
	Example:
	`Device# show ap name AP44d3.ca52.48b5`
	`config general`
		Displays the configuration of a particular access point.