

RADIUS Security Configuration on the WAP2000

Objectives

The Remote Access Dial-In User Service (RADIUS) is a mechanism for regulating access to a computer network by users. The RADIUS server checks passwords entered by users and either grants or denies access based upon the password given.

This document explains how to configure RADIUS security settings on the Cisco WAP2000 Access Point.

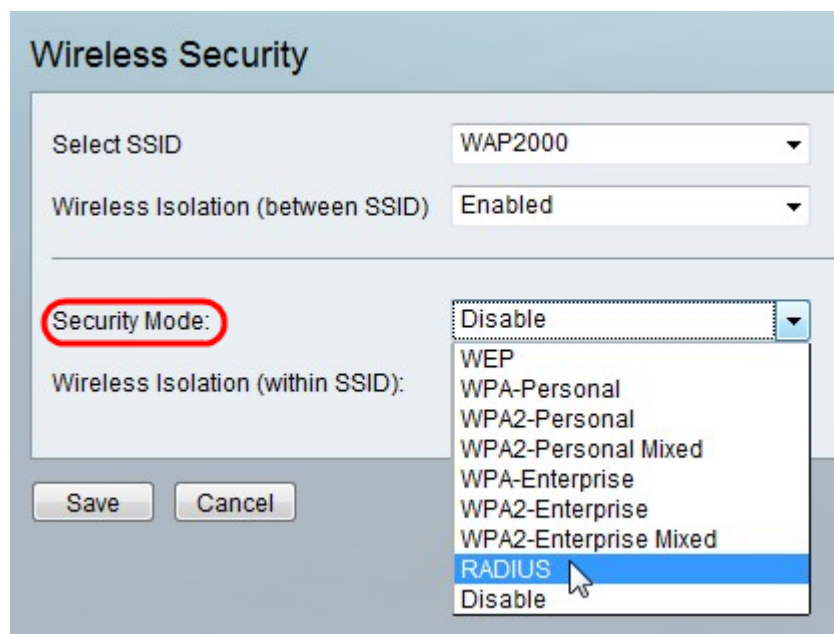
Applicable Devices

- Cisco WAP2000 Access Point

Step-by-Step Procedure

Configuring Radius Security Settings

Step 1. Using the graphical user interface on the Cisco access point, choose **Wireless > Security**.



Step 2. Choose **Radius** from the Security Mode drop-down list.

Wireless Security

Select SSID: WAP2000

Wireless Isolation (between SSID): Enabled

Security Mode: RADIUS

Wireless Isolation (within SSID): Disabled

RADIUS Server IP Address: 0 . 0 . 0 . 0

RADIUS Server Port: 1812

Shared Secret:

Save Cancel

Step 3. Choose **Enabled** from the Wireless Isolation (between SSID) drop-down list to enable wireless isolation from other SSIDs. When enabled, traffic on one SSID will not be forwarded to any other SSIDs.

Wireless Security

Select SSID: WAP2000

Wireless Isolation (between SSID): Enabled

Security Mode: RADIUS

Wireless Isolation (within SSID): Enabled

RADIUS Server IP Address: 0 . 0 . 0 . 0

RADIUS Server Port: 1812

Shared Secret:

Save Cancel

Step 4. Choose **Enabled** from the Wireless Isolation (within SSID) drop-down list to enable wireless isolation within the SSIDs on the device. When enabled, machines on the same SSID will not be able to see each other.

Wireless Security

Select SSID	WAP2000
Wireless Isolation (between SSID)	Enabled
Security Mode:	RADIUS
Wireless Isolation (within SSID):	Enabled
RADIUS Server IP Address:	0 . 0 . 0 . 0
RADIUS Server Port:	1812
Shared Secret:	

Step 5. Enter the following information:

- RADIUS Server IP Address — The IP address of the RADIUS server.
- RADIUS Server Port — The port number used by the RADIUS server. The default server port number is 1812.
- Shared Secret — The shared secret key (password) used by the access point and the RADIUS server.

Wireless Security

Select SSID	WAP2000
Wireless Isolation (between SSID)	Enabled
Security Mode:	RADIUS
Wireless Isolation (within SSID):	Enabled
RADIUS Server IP Address:	0 . 0 . 0 . 0
RADIUS Server Port:	1812
Shared Secret:	secret1

Step 6. Click **Save**.