

How to configure the router at the switch access point



AI Overview

To set up a router or switch as an access point, you need to configure its IP address, disable DHCP, and connect it via LAN to the main router while setting the wireless SSID and password.

Understanding AP Mode vs Router Mode

Router Mode: The device manages network traffic, DHCP, NAT, and firewall functions.

Access Point (AP) Mode: The device acts solely as a wireless access point, extending the existing network without handling routing functions. In AP mode, DHCP and NAT are typically disabled, and the device relies on the main router for IP assignment and network management.

Steps to Configure a Router as an Access Point

Reset the Secondary Router: Press the reset button for 10 seconds to restore factory settings and note the default IP and login credentials.

Connect to the Main Network: Use an Ethernet cable to connect a LAN port on the secondary router to a LAN port on the main router. Avoid using the WAN port unless specified.

Log into the Router Interface: Open a web browser and enter the router's IP address (found on the device label or via a network scan) to access the web management page.

Set a Static IP Address: Assign an IP address in the same subnet as the main router but outside its DHCP range (e.g., if the main router is 192.168.1.1 with DHCP 192.168.1.100–192.168.1.200, set the AP to 192.168.1.2).

Disable DHCP: Turn off the DHCP server on the secondary router to prevent IP conflicts.

Configure Wireless Settings: Set the SSID (network name) and password for the AP. You can match the main router's SSID for seamless roaming or use a different name for identification.

Switch to AP Mode (if available): Some routers have an Operation Mode menu to select AP mode directly, simplifying setup.

Reboot and Test: Save settings, reboot the router, and connect a device to verify wireless connectivity and proper IP assignment from the main router.

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The state of the access point is not maintained on the switch until it receives a CAPWAP join request from the access point, so it can be difficult to determine why the CAPWAP discovery request from a

How to Use a Router as a Switch: A Step-by-Step Guide

In this article, which features expert tips from computer and tech specialist Luigi Oppido, we'll walk you through the simple steps of turning a router into a switch and adding it to your home

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I've often found it useful to get just the wireless functionality out of a WiFi router and reuse it as an access point.

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This video will walk you through the entire process of setting up a Cisco router and cisco switch from scratch.

How To Turn A Router Into An Access Point

For such cases, we recommend contacting the ISP for help configuring the combo device in bridged mode. This will yield the best results as you'll be able to use the higher-end router as a

How to Configure Router and Switch | Ultimate Guide

Do you know the best configuration settings for your routers and switches? Read my guide and take advantage of advanced network devices features.

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