

The switch needs to be connected to the WAN port



AI Overview

You do not need to connect a switch to a WAN port; instead, connect it to a LAN port for proper network functionality.

Understanding WAN and LAN Ports

WAN Port: The WAN (Wide Area Network) port on a router is used to connect to the internet via a modem. It serves as the gateway between your local network and the broader internet, allowing devices on your network to access online resources.

LAN Port: LAN (Local Area Network) ports are used to connect devices within your local network, such as computers, printers, and switches. Devices connected to LAN ports can communicate with each other and share resources.

Connecting a Switch

Connect to LAN Port: When setting up a switch, you should connect it to a LAN port on your router. This allows the switch to expand your local network by providing additional Ethernet ports for connecting more devices.

Why Not WAN?: Connecting a switch to a WAN port is unnecessary and would not function as intended. The WAN port is designed for internet connectivity, while the LAN port is meant for local device communication. If you connect a switch to the WAN port, it may lead to network configuration issues and prevent devices from communicating properly.

Summary

In summary, to effectively use a switch in your network, connect it to a LAN port on your router. This setup will allow you to expand your local network and connect multiple devices seamlessly, while the WAN port remains dedicated to your internet connection. By understanding the roles of these ports, you can ensure a stable and efficient network configuration.



Article Content

Multiple WAN Interfaces for one LAN

The switch that has the uplink to the router has multiple VLANs configured on it, but how would you need to configure your uplink port to have all VLANS talk to it?

networking

Both the switch and the router would need to support VLANs and the router would need to support a single port that has both LAN and WAN devices

WAN vs. LAN Port: What's the Difference?

Connect a network switch to a LAN port if you need more Ethernet jacks for local devices. Use the WAN port on a second router only if you want it

Configuring a switch with WAN and LAN

I'm currently configuring a network switch (an HP procurve-8212) from scratch. To start off, I'm trying to configure a simple LAN and WAN connection. I have an Internet provider that

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Using a Managed Switch to separate WAN Addresses?

A valid solution is to connect the ISP handoff interface (Ethernet) to a switch, and put the Meraki on one switch port, and one or more other routers on another switch port.

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What you need is a (plain) router (or wireless router with its wireless function disabled) in place of the switch. Your current "router" can be just a wireless access-point, or a wireless router with

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I just wanted to add that you need to make sure you have picked the correct WAN interface, if your modem/router support multiple WAN interfaces. I have a Billion

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Open the Camera app. Select the barcode mode icon to switch from photo mode to barcode mode. Point your device's camera at the QR code that contains the Wi-Fi connection information. Select the

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Can a Router Port Be Both WAN and LAN? | WAN/LAN Combo Port

Learn what a WAN/LAN combo port is, whether a port can be both WAN and LAN, and how to convert a LAN port to a WAN port on industrial and enterprise routers.

Switch Configuration for Connecting LAN and WAN

You cannot simply use a switch to connect different IP networks. The switch can form a LAN but it cannot connect that to "WAN". You need a router between 10.10.0.0/24 and "192.168.1.0/24"

What Is a WAN Port? Router Setup, Uses, and WAN vs

In normal use, the WAN port is not where a desktop, printer, access switch, or access point should connect. Those devices belong on the LAN side

WAN Port on Router Explained – What is it and How to use it

What Is A Wan Port?DSL PortWan Port Is UnpluggedWan CableWrapping UpWAN stands for Wide Area Network which is basically the internet. The WAN Port is used to connect the router to your internet connection. Your ISP has supplied you with a modem that builds up the internet connection. But to distribute the internet connection through your home network you will need a router. The router is connected to the modeSee more on lazyadmin Cisco Learning Network

VLAN on a WAN Port - Cisco Learning Network

The WAN port is on this switch because this switch provides LAN services to local users (PCs, printers, TV, etc) but it also must connect these users to a broadband service if they want to get to the Internet.

Configuring Network

In the condition that your ISP has bound the account to the MAC address of the dial-up device, if you want to replace the dial-up device with this router, you can just set the MAC address of this router's

Router to Router Connection: Expand Your Home

You need an Ethernet cable to connect two routers in your home network. If your routers are wireless, use different Wi-Fi channels to prevent

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WAN Port on Router Explained – What is it and How to

The WAN Port, is one of the most important ports on your router, but where is it for? And how do you recognize it? The WAN port looks exactly the

Connect a WAN port to the switch

When I had the switch directly connected to the firewall it works fine. But now I need to create a vpn so I put the Cisco (wan port) connected to the switch (I think that I not explain very well

Contact Us

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