

Switch Access Sub-router



Overview

Disable NAT on both router A and B. A Router on a Stick is a method of inter-VLAN routing that enables a router to utilize a single interface to connect to multiple interfaces on a switch. Hi everyone, when creating a sub-interface in a router and it is connected to a L3. Some routers let you disable their NAT/router and DHCP Server functionality, and their WAN Ethernet port becomes the same as a LAN Ethernet port, and the box now only bridges traffic, never routes/NATs it. You can configure Layer 3 subinterfaces to route traffic between the VLANs. 04-13-2011 03:30 AM I labbed the scenario and found that it was a silly mistake the wildcard mask is larger than the subnet mask. But i need to know if i will be able to access at least the computer with the files to copy if needed.



Article Content

Example: Configuring Layer 3 Subinterfaces for a Distribution Switch ...

This example describes how to create Layer 3 subinterfaces on trunk interfaces of a distribution switch and access switch so that you can route traffic among multiple VLANs:

Subinterface in router port

If router port is subinterface, that means the router would add tag to any traffic that go into or out the router port, and also means the router can only communicate with one specific vlan that has the

VLAN Subinterface Commands

VLAN Subinterface Commands This module provides command line interface (CLI) commands for configuring 802.1Q VLANs on the Cisco NCS 5000 Series Router.

Use Mikrotik as a switch and route subnets through another router

Use Mikrotik as a switch and route subnets through another router Ask Question Asked 11 years, 2 months ago Modified 11 years, 2 months ago

Configuring Layer 3 Subinterfaces

Configuring Layer 3 Subinterfaces This module describes how to configure the dot1q VLAN subinterfaces on a Layer 3 interface, which forwards IPv4 and IPv6 packets to another device using

What is a Switch vs a Router?

What is a router? Just as a switch connects multiple devices to create a network, a router connects multiple switches, and their respective networks, to form an even larger network. These networks

Access machine in a subnetwork after a router

Of course it's possible! The internet itself as a whole is just a giant network of interconnected routers, switches, bridges, hubs, and other network devices and end devices. Similar functionality is applied

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Die 12 besten Business-Router im aktuellen Vergleich 05/2026

Die besten Business-Router im Überblick Ein stabiles Netzwerk bildet das Rückgrat jedes modernen Unternehmens. Während herkömmliche Consumer-Geräte bei vielen gleichzeitigen Zugriffen oft an

How to Configure Cisco Router Sub-Interfaces

In this article, we will delve into the fundamental concept of a Router on a Stick and then show you how to Configure Cisco Router Sub-Interfaces and

Interfaces and Sub-Interfaces in a Router: What Are

Sub-interfaces are extremely important when setting up communication between two or more VLANs. Especially if you are working with

Understanding Routers, Switches, and Network Hardware

Summary A modem connects your home network to the Internet, and a router ensures the traffic from the Internet reaches the correct device on your

Need to access devices under main router through sub-routers

Hello, I'm over my head on this one. Sorry for seemingly ignorant question. I have a main router at 192.168.0.1 I need access to devices under the following routers IP of Router and subnet

networking

I have the below network and I would like access from Client 1 to Client 2. Is there a way to achieve this by adding a route into the Routing Table of one of the routers? If not, is there

networking

Basically, I have a switch that has some devices connected directly to it as well as a router connected to the switch which handles my wireless devices. The problem is that the devices

Access router on a different subnet, how? : r/Ubiquiti

Access router on a different subnet, how? Hello. I recently bought an Edgerouter X to replace my home router so I can have multiple subnets. Not really using VLAN, but I wanted a subnet for my kids

Configure a sub router on an isolated network sharing only the internet ...

Hello! I would like to configure a router to share my network's internet connection but be completely isolated otherwise. The reason is to create an isolated network where I can lock down

VLAN Configuration Guide, Cisco IOS XE Gibraltar 16.10.x (Catalyst

Subinterfaces with Software-Defined Access (SD-Access) and Multiprotocol Label Switching (MPLS) are not supported. You cannot configure more than 4,000 Layer 3 VLAN interfaces.

Example: Configuring Layer 3 Subinterfaces for a Distribution Switch ...

In a large LAN, you commonly need to partition the network into multiple VLANs. You can configure Layer 3 subinterfaces to route traffic between the VLANs. In one common topology, known

Solved: ACL on router subinterfaces

I have a branch office router that acts as a router on a stick. There are many vlans terminating on it. I want to restrict access from vlan 1100 to vlan 1200. I adopted the ACL solution,

Network Devices

A switch is a high-speed networking device that connects devices (computers, printers, servers) within a Local Area Network (LAN), Unlike hub,

Solved: Subinterfaces and VLANS

When you create a VLAN on a switch you don't need a default gateway or ip address because the VLANs are local to the switch. If you want intervlan routing you need a router. You then

Hi everyone, when creating a sub-interface in a router

If you have an L3 switch and don't need any control, which a Firewall Feature Set on the router could deliver, it is typically better (or at least faster) to do the inter

Configuring Layer 3 Subinterfaces

Subinterfaces are not supported on StackWise Virtual Link (SVL) . Subinterfaces with Software-Defined Access (SD-Access) and Multiprotocol Label Switching (MPLS) are not supported. You cannot

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