

How to configure two IPs for a core switch



Overview

Learn how to assign IP addresses to VLANs on a Cisco switch to enable inter-VLAN communication and improve network segmentation. This guide provides a step-by-step walkthrough, including VLAN creation, port assignment, and IP configuration. If a second IP Range is required, and your 6500 has a Layer 3 supervisor engine, the best option here is to create another VLAN and implement routing between them as you see fit. Doing this is much much easier and will save you a major headache further down the road when your network begins to act. In this article, we gave IP addresses to four VLANs on switch S1: IT, HR, SALES, and GUEST. Devices in each VLAN can use the IP address as a gateway to connect inside the VLAN. Everything works fine, I can ping back to the router. I created the same VLANs on the second switch (which is trunked to first switch), but am wondering what to assign for IPs.



Article Content

I finally grasp how to split up an ISP connection for two ...

Configure 3 ports on your switch to be in the same VLAN. Don't use one of your production VLANs. Let's say you choose VLAN 500. 2.) Connect your ISP handoff to one of those ports. Then, connect the ...

Do VLANs need different IPs on each switch?

I created the same VLANs on the second switch (which is trunked to first switch), but am wondering what to assign for IPs. I tried incrementing (increasing by .001), but am not able to ping ...

Configure DHCP Server for multiple VLANs on the Switch

This tutorial explains how to configure and run the DHCP service on a Cisco switch to support multiple VLANs.

Layer 2 VLAN Configuration on a Cisco Switch (with Example)

This post will deal with creating Layer 2 VLANs on Cisco switches and performing all relevant configurations. Up to 4094 VLANs can be configured on Cisco catalyst switches.

Assigning IP Addresses to VLANs on Cisco Switch

Learn how to assign IP addresses to VLANs on a Cisco switch to enable inter-VLAN communication and improve network segmentation. This guide provides a step-by-step walkthrough, ...

UniFi Switch Settings - Ubiquiti Help Center

These settings are critical for managing both basic Layer 2 switching and advanced Layer 3 routing features in UniFi deployments. Some settings apply to individual VLANs, others to switches globally, ...

Configure IP Address for Interface in Cisco Switches

To configure an IP Address on a switch interface, first, we must change the interface from a layer 2 interface to a layer 3 interface. A point to note is that to provide an IP Address to a switch ...

How to Configure a Cisco Switch (step by step)

If you're looking to configure a switch for the first time, this post is for you. Learn step-by-step configuration commands for Cisco IOS Switches.

Configure an IP address on a switch

This article describes how to configure an IP address on a Cisco switch in order to connect over the network for management.

Two different IP ranges to the same vlan

If a second IP Range is required, and your 6500 has a Layer 3 supervisor engine, the best option here is to create another VLAN and implement routing between them as you see fit.

Contact Us

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