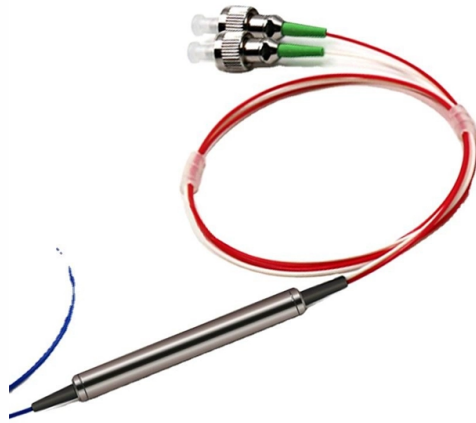


How to set up a gateway on a core switch



Overview

To set a default gateway, use the command `ip default-gateway <gateway-ip-address>` in the global configuration mode of the switch. This command specifies the IP address of the router interface that will serve as the gateway for traffic destined for other networks. If you need to be able to connect to the switch from other networks, you will also need to configure a default gateway address. Switches, by their nature, operate within a single Layer 2 broadcast domain (VLAN). Properly configuring a gateway on a switch is essential for smooth communication between devices and. To start your switch, you need to follow the procedures in the Getting Started Guide or the hardware installation guide for installing and powering on the switch and for setting up the initial switch configuration (IP address, subnet mask, default gateway, secret and Telnet passwords, and so. The KSZ8794CNX is a highly integrated, Layer 2-managed, four-port switch with numerous features designed to reduce system cost. It is intended for cost-sensitive applications requiring three 10/100 Mbps copper ports and one 10/100/ 1000 Mbps Gigabit uplink port.



Article Content

Oct 24, 2025

How to Set Default Gateway in a Cisco Switch

This article provides a detailed guide on how to properly configure the default gateway on a Cisco switch, covering the underlying concepts, configuration methods, and troubleshooting

May 02, 2026

Aruba 2920 (J9726A) core switch setup

Never worked with an HP Aruba switch before, not familiar with its CLI, trying to setup multiple vlans to send traffic to our Sonicwall gateway. I believe static routes need to be configured.

Mar 04, 2026

Web-based Deployment Cases

Set the next hop to the IP address of the core switch. Here, a route to the guest subnet is used as an example. Add routes to the office subnet and video security subnet as planned. Configure IPsec

Sep 25, 2025

Core switch to ASA gateway : r/networking

The core switch default gateway is pointed to the internal ASA interface. I'm considering doing a redesign of the connection between the core and ASA, and I'd like to do a port-channel and have

Dec 12, 2025

SME Network Solution Typical Configuration Examples

"Gateway (AR720) + Core Switch + Access Switch +AP + AR180" Networking:
Huawei eKit Cloud Management "Gateway + Core Switch + Access Switch + WAC + AP" Networking: Local Entire

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Hermes Agent Developer Guide: Setup & Self-Improving AI | Lushbinary

Complete Hermes Agent guide: install (pip/brew), architecture, self-improving learning loop, pluggable memory v0.7.0, MCP server mode, 6 deployment options.
April 2026.

Jul 05, 2025

Switching and Default-Gateway statement

What I believe is happening to the traffic, when on the switch and going beyond the local subnet the distribution, or core depending on how I had it set up, was responding via proxy arp and

Apr 20, 2026

Assigning the Switch IP Address and Default Gateway

Understanding the Boot Process To start your switch, you need to follow the procedures in the Getting Started Guide or the hardware installation guide for installing and powering on the switch and for

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The gateway-AliExpress

When users search for the gateway, their intent is typically to understand what a gateway is, how it works, and which models are best suited for their smart home setup. A gateway is a device that

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Cisco Packet Tracer: Setup a Three-Tier Switch Network

<p>Are you ready to design and configure a real-world enterprise network using Cisco Packet Tracer?</p><p>In this hands-on course, you'll learn how to build a fully functional three-tier switch

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How to set a default gateway on a Cisco Switch?

This article will detail the process of setting a default gateway on a Cisco switch, highlighting the differences between layer 2 and layer 3 switches and providing best practices for

Jan 30, 2026

Core Stack Default Gateway Situation

I am unable to set the ASA as the default gateway on the core switches as they are on a different range. I normally point my edge switches to the core stack as the gateway and use the

Nov 03, 2025

Integrated 4-Port 10/100 Managed Ethernet Switch with Gigabit

The KSZ8794CNX is a highly integrated, Layer 2-managed, four-port switch with numerous features designed to reduce system cost. It is intended for cost-sensitive applications requiring three 10/100

Oct 11, 2025

How to set a default gateway on a Cisco switch?

By understanding the principles and practical steps outlined in this guide, you'll be well-equipped to configure default gateways on your Cisco

Feb 15, 2026

Core Switch Default Gateway

It doesn't matter. If your core switch is a layer 3 device then clients on a given subnet would have a default gateway of the respective VLAN interface of the switch and as long as it knows

Sep 27, 2025

How to configure a gateway on a switch

In this tutorial, you'll learn how to configure a gateway on a switch. A gateway is a device that allows connections between different networks, so it's essential for proper network operation.

Sep 13, 2025

Gateways on Core Switch vs Firewall : r/networking

Gateways on Core Switch vs Firewall I'm struggling with some design options for a network redesign I'm planning at my company. The background: Today I'm running a relatively simple network topology.

Aug 09, 2025

Must Gateways Be Configured at the Core? A Complete

Can aggregation switches handle VLANIF interfaces? Will using the core as a gateway overburden it? Is it secure to place gateways at the access

Aug 25, 2025

What is the best practices for Users Getaway! Core Switch or Firewall

Core Switch Default Gateway Networking discussion, general-networking 8 835
November 30, 2015 Internet Gateway Question Networking general-networking,
question 8 165

May 31, 2026

Adding a Core Switch with Layer 3

Proposed setup - 1 Unifi XG-16 EdgeSwitch will link to each 48 port poe via SFP+, each 48 port poe will link to the next via the other sfp+ port creating a

Aug 07, 2025

How to Set Default Gateway in a Cisco Switch

Configuring a default gateway on a Cisco switch is a fundamental task in network administration, crucial for enabling inter-VLAN routing and communication with networks beyond the

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gateway-core-4930/docs/test_environment_setup.md at main

History History 350 lines (251 loc) · 8.71 KB gateway-core-4930 / docs / File metadata and controls Preview Code Blame 350 lines (251 loc) · 8.71 KB Raw Download raw file

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Best Practice for default gateway for vlans and layer 3 switch

Anyway, for the smaller buildings I have the gateway set up on their respective VLANs on the switch here at the Main Office. For the 2 bigger buildings (hundreds of hosts) I have layer 3

Mar 19, 2026

core-gateway-stack-2750/scripts/installer/setup.ps1 at main

setup.ps1 Latest commit History History 119 lines (103 loc) · 3.9 KB main core-gateway-stack-2750 / scripts / installer /

Sep 15, 2025

How to set a default gateway on Cisco Switch?

This article provides a comprehensive guide to setting a default gateway on a Cisco switch using both the Command Line Interface (CLI) and the Web GUI, while addressing important

Contact Us

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