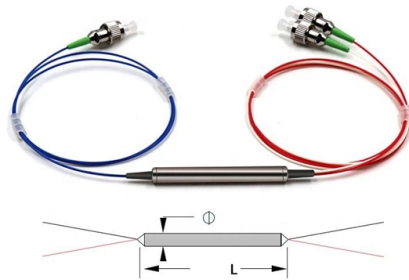


How to perform hot standby on Cisco core switches



Article Overview

Use Cisco's Hot Standby Router Protocol (HSRP) to configure active and standby routers for high availability on core switches.

Overview of HSRP

HSRP is a Cisco proprietary protocol that provides gateway redundancy by allowing multiple routers or Layer 3 switches to share a virtual IP and MAC address. One device is elected as the active router to forward traffic, while another becomes the standby router, ready to take over if the active router fails. This ensures uninterrupted connectivity for hosts using the virtual gateway as their default route ().

Step-by-Step Configuration

- Access the Switch Connect via console, SSH, or Telnet and enter privileged EXEC mode:
enable
configure terminal
- Select the Interface HSRP is configured on Layer 3 interfaces, such as VLAN interfaces (SVIs):
interface vlan 10
- Configure HSRP Group and Virtual IP Assign a group number and a virtual IP address:
standby 1 ip 192.168.1.254 The group number must match on all switches participating in HSRP....

Article Content

Configuring HSRP

This chapter describes how to use Hot Standby Router Protocol (HSRP) to provide routing redundancy for routing IP traffic without

High Availability Commands

Cisco IOS XE Everest 16.6.2 This command was implemented on Cisco Catalyst 9400 Series Switches. From the redundancy main

Hot Standby Router Protocol (HSRP)

Hot Standby Router Protocol (HSRP) is a Cisco proprietary protocol that provides gateway redundancy by allowing multiple routers

Switching

The Hot Standby Router Protocol (HSRP) is a Cisco proprietary protocol designed to provide high availability and fault tolerance for

Hot Standby Router Protocol (HSRP)

HSRP is a virtual gateway protocol for Cisco devices, in this lesson you will learn how it works and how to configure it.

Configuring HSRP

You can configure multiple Hot Standby groups among switches and switch stacks that are operating in Layer 3 to make more use of

What is HSRP? Cisco HSRP Protocol, States, Configuration Guide

Learn Cisco HSRP (Hot Standby Router Protocol), HSRP states, active & standby routers, configuration examples, failover operation

Cisco Hot Standby Router Protocol (HSRP) Configuration

This article shows how to configure Hot Standby Router Protocol (HSRP) on Cisco routers and the commands to verify our HSRP

High Availability Commands

If you ignore the mismatched commands, the out-of-synchronization configuration on the active switch and the standby switch still

Contact Us

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