

Is the Huijue 3750x suitable as a core switch



AI Overview

The Huawei Huijue 3750X can function as a core switch in small to medium campus networks, but its suitability depends on traffic load, Layer 3 requirements, and redundancy needs.

Core Switch Requirements

A core switch typically needs to handle high throughput, low latency, Layer 3 routing, and redundancy for reliability. Core switches often serve as the gateway for wired and wireless users, manage VLAN routing, and support stacking or link aggregation for scalability and failover. They must also support high-speed uplinks to aggregation or access switches and provide sufficient port density for the network.

Huawei 3750X Capabilities

Huawei campus switches, including the 3750X series, are designed for high reliability, simplified management, and service intelligence across enterprise networks. They support:

- Stacking for scalability and redundancy, allowing multiple switches to operate as a single logical unit.
- Layer 3 routing for VLANs and inter-VLAN communication.
- High availability features, such as redundant power supplies and link aggregation.

Article Content

Catalyst 3750-X and 3560-X Hardware Installation Guide

This guide describes the hardware features of the Catalyst 3750-X and 3560-X switches. It describes the physical and

Solved: High CPU utilization on 3750x core

We're seeing high CPU utilization on a 3750x core switch. A few days ago this issue was more critical as we were

Solved: Choosing a Core Switch

Hi, What are the criterias when choosing a core switch? For example, in the Cisco product pages - the Catalyst 4500

Cisco Catalyst 3750X Core Switch

The Cisco Catalyst 3750-X and 3560-X Series Switches provide superior Layer 2 threat defense capabilities for mitigating man-in-the

Catalyst 3750-X and 3560-X Switch Software Configuration Guide ...

Note The examples in this document are for a Catalyst 3750-X switch. When showing an interface in a command-line

core switch replacement

For core switches it really depends on the entire infrastructure, but the 448E is a a good replacement for the 3750x/3850/9300 series.

Solved: cisco 3750-X CPU utilization issue | Experts Exchange

cisco 3750-X CPU utilization issue we are using 3750-X [c3750e-universalk9-mz.150-2.SE9.bin] as core switch and

Catalyst 3750-X and 3560-X Switch Getting Started Guide

About this Guide This guide describes how to use Express Setup to initially configure your Catalyst switch. It also

Looking for 3750 replacements

Hi, We currently have 3750 switch stacks for our office LAN (6 switches in each stack). These are now end of

Different between 2960x series, 3750, 4507 & 6509 switches

The original series 3750 with IPBase (and the latest 3750-X with LANBase) are generally used as L2 switches, but with

WS-C3750X-48T-L Datasheet Overview

Cisco Catalyst 3750-X Series Switches support 4 optional network modules for uplink ports (Figure 1); The default switch

Cisco 3750X switch for Home lab ? : r/homelab

My goals are to build a homelab and learn more about Cisco CLI so that I can "one day" study for the CCNA, so Cisco IOS is a

Microsoft Word

Cisco Catalyst 3750-X and 3560-X Series Switches The Cisco® Catalyst® 3750-X and 3560-X Series Switches are an enterprise

Cisco 3750-X Series Has Been Chosen as the Best ...

Some Cisco 3750 switch users said that they are looking to replace their pair of 3750G switches (Stacked) by a new suitable Cisco

WS-C3750X-12S-S Datasheet Overview

S-S Datasheet Get a Quote Overview The Cisco Catalyst 3750-X fiber switches are enterprise-class stackable switches and can be

Cisco Catalyst 3750-X Series Switches | CloudWifiWorks

Cisco Catalyst 3750-X Series Switches are stackable access switches that are energy-efficient and easy to deploy and operate.

Catalyst 3750-X and 3560-X Hardware Installation Guide

This chapter describes how to install and connect a Catalyst 3750-X or a 3560-X switch. It also includes planning and

Solved: 3750X vs 3850 Switch

Any suggestion on which switch we should use as core switch for new site ? Which one is more preferable from 3750-X

Cisco Layer 3 Switches Review: Cisco 3750-X

Cisco 3750 switch comes in a number of flavors – between 24 and 48 ports, with or without Power over Ethernet. Cisco 3750 with

Nexus Switch Replacement. : r/Cisco

Nexus Switch Replacement. Recently one of our customers had a core switch die, A Catalyst 3750x-48 port POE switch. We are

WS-C3750X-24P-S Datasheet Overview

Cisco Catalyst 3750-X Series Switch WS-C3750X-24P-S is an enterprise-class lines of stackable and standalone switches,

Solved: use CAT3750 as a core switch

To avoid this bottleneck, if it's a concern, try to arrange all normal unicast data flows, within the core, to not transit

Is the WS-C3750X-48P-L the Right 48-Port PoE Switch for

This means you can connect this switch to a 10Gbps core network without bottlenecks. The WS-C3750X-48P-L 48port POE switch

core switch recommendations (upgrade from 3750 stack acting as core)

Hi all, we currently have a stack of 3750v2's and 3750x's acting as our core. There are also a lot of end users plugged

Catalyst 3750-X and 3560-X Hardware Installation Guide

Preface Product Overview Switch Installation Power Supply and Fan Module Installation Troubleshooting Technical

Catalyst 3750-X and 3560-X Hardware Installation Guide

The Catalyst 3750-X and 3560-X series switches are Ethernet switches to which you can connect devices such as

Replace 3750x switches with equivalent fibre models

We are currently using cisco 3750x's as our edge switches in our network (mix of 24 and 48 port switches). The office

Cisco WS-C3750X-48P-L Switch 48x Gigabit PoE+ Stackable Price

Cisco WS-C3750X-48P-L Overview The Cisco WS-C3750X-48P-L is an enterprise-class Layer 3 switch designed for secure,

Catalyst 3750-X and 3560-X Switch Software Configuration Guide ...

- A mixed hardware stack with a mixture of Catalyst 3750-X, Catalyst 3750-E, and 3750 switches as stack members. For example, a

WS-C3750X-24S-S 24 GE SFP 350W

he UPOE, PoE+, and non-PoE switch models are available with either the LAN Base or IP Base feature set. IP Services

Core Switch Replacement Recommendation

Hi Please help me. We are using Cisco Catalyst 3750 as a core switch. Any suggestion what would be the model if we

Best way to replace a core swicth with minimal down time

Hi All, I will be replacing a Cisco 3750x with a Nexus 3127 and would like some advice about how to go about the

Cisco Catalyst 3750-X Series Switches

Cisco Catalyst 3750-X Series Switches - Learn product details such as features and benefits, as well as hardware and software

Cisco 3750-X Series Switches | Networking Equipment

The 3750-X Series with StackWise technology provides scalability and ease of management for growing business needs. The Cisco

Cisco 3750 & 3750X Switches

Cisco 3750 & 3750X Series Switches Network Hardware Depot carries the full product line for the Cisco 3750 Series switches. We

Contact Us

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