DOWNLOAD PDF CISCO CATALYST 3750 CONFIGURATION GUIDE

Chapter 1 : catalyst - - The Cisco Learning Network

Catalyst Switch Software Configuration Guide, Cisco IOS Release (2)SE and Later Catalyst Switch Software Configuration Guide, Cisco IOS Release (1)SE Catalyst Switch Software Configuration Guide, Release (58)SE.

Page 7 Step 15 the device manager interface: The host name is limited to 31 characters; embedded spaces are not allowed. Page 8 When you click Submit, the switch is configured and exits Express Setup mode. The PC displays a warning message and then tries to connect with the new switch IP address. If you configured the switch with an IP address that is in a different subnet from the PC, connectivity between the PC and the switch is lost. Refreshing The Pc Ip Address Using the Device Manager The simplest way to manage the switch is by using the device manager that is in the switch memory. This is a web interface that offers quick configuration and monitoring. You can access the device manager from anywhere in your network through a web browser. Using The Switch Console Port 3. Configure the PC terminal emulation software for baud, 8 data bits, no parity, 1 stop bit, and no flow control. Use the CLI to enter commands to configure the switch. See the software configuration guide and the command reference for more information. Other Management Options This section covers basic inch rack-mounting and switch port connections. As an example, all the illustrations show the Catalyst E PoE switch. You can install and connect other Catalyst E switches as shown in these illustrations. For additional installation and cabling information, see the hardware installation guide on Cisco. If the switch is installed in a closed or multirack assembly, the temperature around it might be greater than normal room temperature. Page 13 Warning To prevent bodily injury when mounting or servicing this unit in a rack, you must take special precautions to ensure that the system remains stable. The following guidelines are provided to ensure your safety: Page 14 Before Attaching the Brackets To install the switch in a rack, you must first remove the screws from the switch chassis so that the mounting brackets can be attached. For attachment at the front-mounting position remove two Phillips truss-head screws from the switch side panels. For some switch models, remove only one screw from the side panels. Page 15 Attaching the Brackets Use four number-8 Phillips flat-head screws to attach the long side of each bracket to the switch in one of three mounting positions.

Chapter 2 : Cisco Catalyst Getting Started, Hardware, Software Guide

Catalyst Software Configuration Guide, Release (55)SE.

Page 8 Optional Enter this information in the Advanced Setting fields: If you enable Telnet access, you must enter a Telnet password. It offers advanced options for configuring and monitoring multiple devices, including switches, switch clusters, switch stacks, routers, and access points. Network Assistant is freeâ€"there is no charge to download, install, or use it. If you need the 1-meter cable or the 3-meter cable, you can order it from your Cisco supplier. Stack Cabling Configurations For switch dimensions, StackWise cable part numbers, and additional stacking guidelines, see the switch hardware installation guide on Cisco. For concepts and procedures to manage switch stacks, see the switch software configuration guide and the stack compatibility guide also on Cisco. Page 13 Side-By-Side Stacking In this example, eight switches are stacked side-by-side with redundant connections by using 0. In this example, nine switches are stacked side-by-side with redundant connections by using 0. Power On Sequence for Switch Stacks Consider these guidelines before you power on the switches in a stack: Equipment That You Supply This section covers basic inch rack-mounting and switch port connections. As an example, all the illustrations show the Catalyst E PoE switch. You can install and connect other Catalyst E switches as shown in these illustrations. For additional installation and cabling information, see the hardware installation guide on Cisco. Installation Warning Statements Cisco. Installation Warning Statements This section includes the basic installation warning statements. C At Al Ys T 3 7 5 0 -e Warning Only trained and qualified personnel should be allowed to install, replace, or service this equipment. C At Al Ys T 3 7 5 0 -e Attaching the Brackets Use four number-8 Phillips flat-head screws to attach the long side of each bracket to the switch in one of three mounting positions. Front-mounting Position 3 Mid-mounting Position Rack-Mount the Switch Use the four number Phillips machine screws to attach the brackets to the rack. Use the black Phillips machine screw to attach the cable guide to the left or right bracket. Page 19 5 lbf-in. Insert the other end of the cable into the connector of the other switch, and tighten the retainer screws to 5 lbf-in. Avoid overtightening the screws. Always use a Cisco-approved StackWise cable to connect the switches. Verify Port Connectivity Ethernet module slot slot 1 , position the module face up. When using the lower module slot slot 2 , position the module face down. When you install or remove the Cisco TwinGig converter module, the mode on the switch changes from Gigabit Ethernet to Gigabit Ethernet or the reverse. During this mode change, data traffic on the other switch uplink ports X2 transceiver or SFP module ports might temporarily stop.

Chapter 3 : Catalyst Cross-Stack EtherChannel - Cisco Community

Contents iv Catalyst Switch Software Configuration Guide Changing the Command History Buffer Size Recalling Commands Disabling the Command History Feature

Cabling Considerations Cabling Considerations These illustrations show the recommended Catalyst switch stack configurations with redundant StackWise cabling connections for optimized stack bandwidth. Vertical Stacking In this example, the stack uses the 0. Page 12 Side-By-Side Stacking In this example, eight switches are stacked side-by-side with redundant connections by using 0. In this example, nine switches are stacked side-by-side with redundant connections by using 0. Warning To prevent bodily injury when mounting or servicing this unit in a rack, you must take special precautions to ensure that the system remains stable. You can install and connect other Catalyst switches as shown in these illustrations. For alternate mounting procedures, such as installing the switch in a inch rack or on a wall, and for additional cabling information, see the Catalyst Switch Hardware Installation Guide on Cisco. Installation Warning Statements Installation Warning Statements This section includes the basic installation warning statements. Translations of these warning statements appear in the Regulatory Compliance and Safety Information for the Catalyst Switch document that shipped with the switch and is also available on Cisco. Statement Warning Class 1 laser product. Statement Warning For connections outside the building where the equipment is installed, the following ports must be connected through an approved network termination unit with integral circuit protection: Attaching The Brackets Attaching the Brackets Use four Phillips flat-head screws to attach the long side of the brackets to Catalyst switches in one of three mounting positions. Rack-mount The Switch Rack-Mount the Switch Use the black Phillips machine screw to attach the cable guide to the left or right bracket. Use the four number Phillips machine screws to attach the brackets to the rack. Page 18 Insert the other end of the cable into the connector of the other switch, and secure the screws tightly. Caution Removing and installing the StackWise cable can shorten its useful life. Do not remove and insert the cable more often than is absolutely necessary. Always use a Cisco-approved StackWise cable to connect the switches. For detailed instructions on installing, removing, and connecting to SFP modules, see the documentation that came with the SFP module. Removing and installing an SFP module can shorten its useful life. Do not remove and Caution insert SFP modules more often than is absolutely necessary.

Chapter 4 : CISCO CATALYST SOFTWARE CONFIGURATION MANUAL Pdf Download.

Catalyst X and Catalyst X Switch Software Configuration Guide, Cisco IOS Release (2)SE and Later Catalyst X and X Software Configuration Guide, Release (1)SE Catalyst X and X Switch Software Configuration Guide, Release (58)SE.

These switches are easy to manage and deploy and are energy efficient. They not only provide high quality of service but also guarantee security. IP Service image includes features like multicast routing and advanced IPv6 and IP Base image includes features like advances quality of service, static routing and routing information protocol. An innovative technology known as Cisco EnergyWise technology helps in the reduction of energy consumption thus preventing greenhouse gas emissions. Ease of use and Deployment: The stacks can be configured automatically. By using dynamic host configuration protocol multiple switches are auto configured. Also, with the help of automated QoS, the configuration of voice over IP is simplified. Some other techniques used that helps to ease the deployment and management process include, Dynamic trunking protocol, link aggregation control protocol and auto sensing of ports. Cisco switches increases the availability of the switches that needs to be stacked. These switches can perform dual work of acting as a master that controls the switches and as a processor that forwards the switches. This helps in providing uninterrupted and higher efficiency performance in Layer 2 and Layer 3. These switches increases the efficiency and performance form multicasting. Many protocols are used that enhances the bandwidth performance by properly and fairly allocating the bandwidth, so that the availability of bandwidth is maximized. High Performance IP routing: Cisco switches have capability to enhance the performance of IP routing. This can be achieved by using basic IP unicast routing protocol that usually support applications that have small network. Switch Cisco allows dynamic security features like the port based security, user authentication, dynamic VLAN assignment and extended IP security. Some other security features include. Each Cisco Catalyst Series stack has a single IP address and this helps in its proper management. For example, when each switch has single IP address to manage, the activities like fault detection, QoS controls, network security and VLAN modification and creation will be easy and manageable. Dynamic ARP inspection that helps in securing the users form malicious activities. DHCP Snooping that helps in preventing malicious users from sending bogus addresses.

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Chapter 6 : Cisco Catalyst Series Switches Specification and Manual | Cisco User Guide

The cluster command switch and standby command switch in Figure (assuming they are Catalyst , Catalyst , Catalyst , Catalyst , Catalyst , or Catalyst cluster command switches) have ports assigned to VLANs 9, 16, and The management VLAN on the cluster command switch is VLAN 9.

Chapter 7 : Solved: Cisco Catalyst - GRE tunnel keepal - Cisco Community

Cisco Catalyst Series Switches. Configuration Guides. Catalyst Switch Software Configuration Guide, (52)SE. Chapter Title. Index.

Chapter 8 : CISCO G - CATALYST INTEGRATED WIRELESS LAN CONTROLLER CONFIGURATION M/

This chapter describes how to use the VLAN Trunking Protocol (VTP) and the VLAN database for managing VLANs with the Catalyst X or X switch. Unless otherwise noted, the term switch refers to a Catalyst X or X standalone switch and to

a Catalyst X switch stack.

Chapter 9 : CISCO CATALYST E GETTING STARTED MANUAL Pdf Download.

VLAN Configuration in VLAN Database Configuration Mode Saving VLAN Configuration Default Ethernet VLAN Configuration Creating or Modifying an Ethernet VLAN Deleting a VLAN Assigning Static-Access Ports to a VLAN Catalyst Metro Switch Software Configuration Guide