

# Cisco redundant power system 2300 configuration guide

What is a redundant power system 2300q?

Redundant Power System 2300Q. What is the purpose of the Cisco Redundant Power System 2300 (Cisco RPS 2300)? A. The Cisco RPS 2300 is a redundant power system that provides users with uninterrupted network services in the event of a

Does the Cisco RPS 2300 have a redundant power supply?

ible power supply (UPS)? A. No. A redundant power system protects network devices against internal power supply failures and failure of an AC circuit (a circuit breaker tripping, for example). A UPS protects these devices against interruption of utility power. For maximum availability, the Cisco RPS 2300 should always be used

Will Cisco RPS 2300 prevent a switch reboot?

interruption of utility power. For maximum availability, the Cisco RPS 2300 should always be used in conjunction with a UPS. Q. Will the failover mechanism in the Cisco RPS 2300 prevent a switch reboot? A. Yes. The Cisco RPS 2300 is designed to provide continued operation of the connected switch or router in the event

Which power supply configurations are supported by the RPS 2300?

Table 1-3 shows the supported power supply configurations. The six DC ports on the RPS 2300 provide the power and serial management bus (SMB) communication signals to the Catalyst 3750-E and 3560-E switches. The RPS 2300 communicates with each switch through the SMB embedded in the 22-pin RPS cable.

How do I configure the RPS 2300?

The 1150-W power supply draws air from the side and the back of the RPS and exhausts to the front of the RPS. If a Catalyst 3750-E or 3560-E switch is attached to the RPS 2300, you can configure and manage the RPS 2300 through the switch software. The switch CLI is based on Cisco IOS software and is enhanced to support desktop-switching features.

How to rack mount a Cisco RPS 2300?

rack switches or routers above it? Connect all the RPS cables to the Cisco RPS 2300 before rack-mounting other switches or routers. Rack-mount all the supported switches above the Cisco RPS 2300. Leave a one-half RU space between the Cisco RPS 2300 and the switch immediately above it to allow room for the cabling (leave

The Cisco RPS 2300 supplies redundant power for up to two of six connected 48-port PoE devices in a convenient, 1-rack-unit form factor (Figure 1). When attached to Cisco Catalyst 3750-E or 3560-E Series Switches, the Cisco RPS 2300 offers additional intelligent management capabilities. Figure 1. Cisco RPS 2300 FLEXIBILITY AND HIGH AVAILABILITY



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The Cisco RPS 2300 is a redundant power system that provides users with uninterrupted network services in the event of an internal power supply failure. The Cisco RPS 2300 is used ... Cisco RPS 2300 Power Supply Configuration 1 x 750W 2 x 750W 1 x 1150W 2 x 1150W Cisco Catalyst 3750-E or 3560-E

Cisco Redundant Power System 2300 Hardware Installation Guide 78-17647-02 1 ... Cisco Redundant Power System 2300 Hardware Installation Guide 78-17647-02 supply modules. The number of switches that the RPS 2300 can back up depends ... In this configuration, both the RPS 2300 and the switches might not share the same AC power source.

The Cisco RPS 2300 can be deployed in a variety of situations to help ensure network resiliency for mission-critical applications. Figure 3 shows the Cisco RPS 2300 in a converged voice and data network that includes switches connected to IP phones and PCs. In the event of a switch's internal power supply failure, the Cisco RPS 2300 helps

Installing an AC-Power Supply Module 3-4 Cisco Redundant Power System 2300 Hardware Installation Guide 78-17647-02 Caution Make sure that the power supply slot is not open for more than 90 seconds while the system is operational. Step 5 Remove the power supply module from the power supply slot by pulling on the extraction handle.

This document describes how to remove and install the fan module used with the Cisco Redundant Power System 2300 (RPS 2300). For more information about using the fan module with the RPS 2300 and for the translated safety warnings that appear in this publication, see the Cisco Redundant System 2300 Hardware Installation Guide on Cisco . . Contents

Cisco RPS 2300 . The Cisco RPS 2300 is a redundant power system that supports six network switches and provides power to one or two failed switches at a time. It automatically senses when the internal power supply of a connected switch fails and provides power to the failed switch, preventing loss of network traffic.

Cisco Redundant Power System 2300 Compatibility Matrix OL-10314-02 Related Documentation Related Documentation These documents provide information about the RPS 2300: ... + Cisco Redundant Power System 2300 Hardware Installation Guide (order number DOC-7817647=)

Because the device supports internal power supplies and the Cisco Redundant Power System 2300 (also referred to as the RPS 2300), the total amount of power available for the powered devices varies depending on the power supply configuration. How to Configure PoE. Configuring a Power Management Mode on a PoE Port

Cisco Redundant Power System 2300 Hardware Installation Guide 78-17647-02 Preface Audience This guide is for the networking or computer technician responsible for installing ... + Catalyst 3750-E and Catalyst 3560-E Switch Software Configuration Guide (not orderable but available on Cisco )



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The Cisco RPS 2300 can be deployed in a variety of situations to help ensure network resiliency for mission-critical applications. Figure 2 shows the Cisco RPS 2300 in a converged voice and data network that includes switches connected to IP phones and PCs. In the event of a switch's internal power supply failure, the Cisco RPS 2300

Cisco 2900 Series and 3900 Series Hardware Installation Guide OL-18712-03 Chapter 5 Installing and Upgrading Internal Modules and FRUs Replacing Power Supplies and Redundant Power Supplies Installing and Removing a Redundant Power Supply Adapter The redundant power supply (RPS) for the Cisco 2911, 2921, or 2951 router is an external Cisco RPS 2300.

Uses external Cisco Redundant Power System 2300 with an adapter inserted in the chassis. 46. Dual DC means two separate DC inputs to the same power supply. 47. Uses Cisco Redundant Power System 2300 as 100% power boost. Internal power supply does not supply any boost. In this configuration there is no POE redundancy.

CHAPTER 1-1 Catalyst 2960-S Switch Hardware Installation Guide OL-19732-04 1 Product Overview The Catalyst 2960-S family of switches, also referred to as the switch, are Ethernet switches to which you can connect devices such as Cisco IP Phones, Cisco Wireless Access Points, workstations, and other

Cisco Redundant Power System 2300. ... Cisco Redundant Power System 2300 Hardware Installation Guide (January 2007) ... Configuration. Configuration Guides; Cisco Expandable Power System 2200. Configuring the Cisco eXpandable Power System (XPS) 2200 ; Downloads. Log in to see available downloads.

Release Notes for the Cisco Redundant Power System 2300 Revised October 7, 2011 These release notes include important information about the Cisco Redundant Power System 2300 and any limitations, restrictions, and caveats that apply to it. ... + Catalyst 3750-E and Catalyst 3560-E Switch Software Configuration Guide

Cisco RPS 675 Redundant Power System Hardware Installation Guide ; Cisco Redundant Power System 2300 Hardware Installation Guide; For more information about the Network Admission Control (NAC) features, see the Network Admission Control Software Configuration Guide ; Information about Cisco SFP, SFP+, and GBIC modules is available ...

System Management Configuration Guide, Cisco IOS XE Fuji 16.9.x (Catalyst 9400 Switches) Chapter Title. ... Cisco Catalyst 9400 Series Switches offer combined and redundant configuration modes for power supplies. Combined Mode. This is the default power supply mode. The system operates on one to eight power supplies. ...

Consolidated Platform Configuration Guide, Cisco IOS Release 15.2(2)E (Catalyst 2960-X Switches) Chapter



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Title. ... Because the switch supports internal power supplies and the Cisco Redundant Power System 2300 (also referred to as the RPS 2300), the total amount of power available ...

Cisco Redundant Power System 2300 Hardware Installation Guide For information about the Network Admission Control (NAC) features, see the Network Admission Control Software Configuration Guide Information about Cisco SFP, SFP+, and GBIC modules is available from this Cisco site:

Cisco Redundant Power System 2300 - read user manual online or download in PDF format. Pages in total: 6. ... Cisco Cisco Redundant Power System 2300 Information Guide. Download. Like. Full screen Standard. ... Cisco RPS 2300 Power Supply Configuration ...

The Cisco RPS 2300 is a redundant power system that can support six external network devices and provide power to one or two failed devices at a time. It senses when the internal power supply of a connected device fails and provides power to the failed device, preventing loss of network traffic.

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