



# RPS 300 Switch Compatibility Matrix

**July 2002**

This document contains the list of Cisco switching products that are compatible with the Cisco Redundant Power System (RPS) 300 (model PWR300-AC-RPS-N1). The RPS 300 provides power redundancy for up to six connected devices until one of these devices requires backup power.

[Table 1](#) lists the switches supported by the RPS 300.

**Table 1 Supported Switches**

Switch	Description
Catalyst 2912 LRE XL	4 autosensing 10/100 Ethernet ports and 12 LRE ports
Catalyst 2924 LRE XL	4 autosensing 10/100 Ethernet ports and 24 LRE ports
Catalyst 2950-12	12 autosensing 10/100 Ethernet ports
Catalyst 2950-24	24 autosensing 10/100 Ethernet ports
Catalyst 2950C-24	24 autosensing 10/100 Ethernet ports and 2 100BASE-FX ports
Catalyst 2950G-12-EI	12 autosensing 10/100 Ethernet ports and 2 GBIC <sup>1</sup> module slots
Catalyst 2950G-24-EI	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 2950G-24-EI-DC	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots with DC-input power
Catalyst 2950G-48-EI	48 autosensing 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 2950SX-24	24 fixed autosensing 10/100 Ethernet ports and 2 1000BASE-SX ports
Catalyst 2950T-24	24 autosensing 10/100 Ethernet ports and 2 autosensing 10/100/1000 Ethernet ports
Catalyst 2980G-A	80 autosensing 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 3524-PWR XL	24 autosensing 10/100 inline-power Ethernet ports and 2 GBIC module slots
Catalyst 3550-12G	2 autosensing 10/100/1000 Ethernet ports and 10 GBIC module slots
Catalyst 3550-12T	10 autosensing 10/100/1000 Ethernet ports and 2 GBIC module slots
Catalyst 3550-24-FX	24 autosensing 10/100 BASE-FX ports and 2 GBIC module slots



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**Table 1 Supported Switches**

Switch	Description
Catalyst 3550-24-SMI	24 autosensing 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 3550-24-EMI	
Catalyst 3550-48-SMI	48 autosensing 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 3550-48-EMI	
Catalyst 4224	24 fixed 10/100 inline-power Ethernet ports, 3 voice interface card (VIC) or WAN interface card (WIC) slots, and 1 8-port Foreign Exchange Station (FXS) or Foreign Exchange Office (FXO) module

1. GBIC = Gigabit Interface Converter

Other Catalyst switches are supported by the Cisco 600W Redundant Power System. Documentation on all these devices can be found on [www.cisco.com](http://www.cisco.com).

## Related Documentation

These documents provide information about the RPS 300 and the switches it supports:

- *Cisco RPS 300 Redundant Power System Hardware Installation Guide*
- *Catalyst 2900 Series XL Hardware Installation Guide*
- *Catalyst 2948G and 2980G Switch Installation Guide*
- *Catalyst 2950 Desktop Switch Hardware Installation Guide*
- *Catalyst 3500 Series XL Hardware Installation Guide*
- *Catalyst 3550 Multilayer Switch Hardware Installation Guide*
- *Catalyst 4224 Access Gateway Switch Hardware Installation Guide*
- *Release Notes for the RPS 300 Redundant Power System*

For information about the 600W Redundant Power System (RPS), refer to the *Cisco 600W Redundant Power System Installation Guide*.

## Obtaining Documentation

The following sections explain how to obtain documentation from Cisco Systems.

### World Wide Web

You can access the most current Cisco documentation on the World Wide Web at the following URL:

<http://www.cisco.com>

Translated documentation is available at the following URL:

[http://www.cisco.com/public/countries\\_languages.shtml](http://www.cisco.com/public/countries_languages.shtml)

## Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which is shipped with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual subscription.

## Ordering Documentation

Cisco documentation is available in the following ways:

- Registered Cisco Direct Customers can order Cisco product documentation from the Networking Products MarketPlace:  
[http://www.cisco.com/cgi-bin/order/order\\_root.pl](http://www.cisco.com/cgi-bin/order/order_root.pl)
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- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco corporate headquarters (California, USA) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

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## Obtaining Technical Assistance

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## Technical Assistance Center

The Cisco TAC is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two types of support are available through the Cisco TAC: the Cisco TAC Web Site and the Cisco TAC Escalation Center.

Inquiries to Cisco TAC are categorized according to the urgency of the issue:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.
- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.
- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

Which Cisco TAC resource you choose is based on the priority of the problem and the conditions of service contracts, when applicable.

## Cisco TAC Web Site

The Cisco TAC Web Site allows you to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC Web Site, go to the following URL:

<http://www.cisco.com/tac>

All customers, partners, and resellers who have a valid Cisco services contract have complete access to the technical support resources on the Cisco TAC Web Site. The Cisco TAC Web Site requires a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to the following URL to register:

<http://www.cisco.com/register/>

If you cannot resolve your technical issues by using the Cisco TAC Web Site, and you are a Cisco.com registered user, you can open a case online by using the TAC Case Open tool at the following URL:

<http://www.cisco.com/tac/caseopen>

If you have Internet access, it is recommended that you open P3 and P4 cases through the Cisco TAC Web Site.

## Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses issues that are classified as priority level 1 or priority level 2; these classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer will automatically open a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to the following URL:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled; for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). In addition, please have available your service agreement number and your product serial number.

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This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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