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.

For the complete list of the RPS 2300 documentation, see the "Related Documentation" section on page 3.

Contents

This information is in the release notes:

Hardware Supported

The RPS 2300 is compatible with the Catalyst 2970 switches. For a complete list of the Cisco products that are compatible with the RPS 2300, see the *Cisco Redundant Power System 2300 Compatibility Matrix* (not orderable but available on Cisco.com).

Limitations and Restrictions

You should review this section before you begin working with the RPS 2300. These are known limitations that will not be fixed, and there are no workarounds.

These are the limitations:

- The switch might restart when it changes from RPS power to its own internal power. This situation might occur after a power supply on a switch fails, the RPS takes over, and the switch reverts to its own power. We recommend that you plan for this possibility when you restart a switch using its own internal power after using the RPS as backup power.

  This problem might occur on any fixed configuration switch except for the Catalyst 3750-E and 3560-E switches.

  There is no workaround. (CSCdx81023)

- When connecting the RPS cable between the RPS 2300 and the Catalyst 3750-E or 3560E switch or other supported network devices, this communication error might appear:

  `%PLATFORM_ENV-1-RPS_ACCESS: RPS is not responding`

  No workaround is required because the problem corrects itself. (CSCsf15170)

- An RPS 2300 system might unexpectedly turn on status LEDs when the RPS 2300 itself does not have AC input power applied, if there is a connected switch which does have AC power applied.

  In this condition, the following LED operations on the RPS 2300 might be observed:

  - STDBY/ACTIVE—amber
  - TEMP—green
  - FAN—intermittent green or amber
  - DC—blinking amber

  In addition, one or both of the AC power supplies in the RPS 2300 show the following LED operation:

  - AC OK—off
  - PS OK—off

  There is no workaround. (CSCth48728)

Documentation Updates

This section provides updates to the product documentation.

Updates for the Cisco Redundant Power System 2300 Hardware Installation Guide

RPS Installation Chapter

This note was added to the "Connecting the Cables" section.

> **Note** In installations where NEBS-compliant grounding is required, use 10-AWG (6 mm^2) copper wire.

Cisco 90-Day Limited Hardware Warranty Chapter

The warranty for the Cisco Redundant Power System 2300 has changed. This is the updated warranty information.

The RPS 2300 is covered by the Cisco Limited Lifetime Hardware Warranty. For more information, see this document on Cisco.com:

http://www.cisco.com/en/US/docs/general/warranty/English/LH2DEN__.html

> **Note** If you purchased your RPS 2300 before May 1, 2009, your RPS 2300 is covered by the Cisco 90-Day Limited Hardware Warranty. For more information, see this document on Cisco.com:
> http://www.cisco.com/en/US/docs/general/warranty/English//901DEN__.html

Related Documentation

These documents provide information about the RPS 2300 and are available on Cisco.com.

- *Release Notes for the Cisco Redundant Power System 2300*
- *Cisco Redundant Power System 2300 Data Sheet*
- *Cisco Redundant Power System 2300 Compatibility Matrix*
- *Installation Notes for the Catalyst 3750-E, Catalyst 3560-E, and RPS 2300 Power Supply Modules* (order number DOC-7817570=)
- *Installation Notes for the Redundant Power System 2300 Fan Module* (order number DOC-7817892=)
- *Catalyst 3750-E and 3560-E Switch Hardware Installation Guide*
- *Catalyst 3750-E and Catalyst 3560-E Switch Software Configuration Guide*
- *Catalyst 3750-E and Catalyst 3560-E Switch Command Reference*
- *Catalyst 3750-E and Catalyst 3560-E Switch System Message Guide*

The RPS 2300 is compatible with Catalyst 2950, 2960, 2970, 3550, 3560, 3750, 3750-E and 3560-E switches, the Catalyst Express 500 switch (Power over Ethernet model only), and Cisco 2811, 2821, 2851, and 3825 routers. Information about these products is available at Cisco.com.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html

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