



# Power Supply Unit Replacement Procedure for the Cisco Unified Videoconferencing 3545 Chassis (Release 5.x)

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This procedure describes how to replace the power supply unit (PSU) for the Cisco Unified Videoconferencing 3545 chassis and contains the following topics:

- [Additional References, page 1](#)
- [How to Replace the Power Supply Unit, page 1](#)

## Additional References

- For information about installing the Cisco Unified Videoconferencing 3545 System hardware, including hardware specifications and PSU features, or information about installing, upgrading, or configuring system software, see the *Administrator Guide for Cisco Unified Videoconferencing 3545 MCU* at the following URL:  
[http://www.cisco.com/en/US/products/hw/video/ps1870/prod\\_maintenance\\_guides\\_list.html](http://www.cisco.com/en/US/products/hw/video/ps1870/prod_maintenance_guides_list.html)
- For RCSI information, see the *Regulatory Compliance and Safety Information for Cisco Unified Videoconferencing 3500 Products* (Release 5.0) at the following URL:  
[http://www.cisco.com/en/US/partner/products/hw/video/ps1870/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/partner/products/hw/video/ps1870/prod_installation_guides_list.html)
- For complete information about all of the Cisco conferencing documentation, see the *Guide to Cisco Conferencing Documentation and Support* at the following URL:  
[http://www.cisco.com/en/US/partner/products/sw/ps5664/ps5669/products\\_documentation\\_roadmaps\\_list.html](http://www.cisco.com/en/US/partner/products/sw/ps5664/ps5669/products_documentation_roadmaps_list.html)

## How to Replace the Power Supply Unit



Warning

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**Only trained and qualified personnel should be allowed to install, replace, or service this equipment.**

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Replacing the PSU involves the following tasks:

- [Determining That a Power Supply Unit Has Failed, page 2](#)
- [Removing and Installing the Power Supply Unit, page 2](#)

## Determining That a Power Supply Unit Has Failed

The Cisco Unified Videoconferencing 3545 chassis monitors PSU operations and uses the Power LED to alert the system administrator when one of the PSUs fail. The Power LED appears in two places: on the front panel and on the Unified Videoconferencing Administrator System Web page. The Power LED is red in both places when a PSU fails and green when both PSUs are operating.

To use the Unified Videoconferencing Administrator System Web page to view the Power LED from a remote site, perform the following steps:

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**Step 1** Launch a Java-based Web browser.

**Step 2** In the URL address field, enter:

*IP address*/**admin**

where *IP address* is the IP address assigned to the Unified Videoconferencing 3540 system module installed in the chassis you want to monitor. The Unified Videoconferencing Administrator login page appears.

**Step 3** Enter your user name and password and click **OK**.

The Unified Videoconferencing Administrator page appears.

**Step 4** Click **System** on the sidebar.

The Unified Videoconferencing Administrator System page appears.

**Step 5** Locate the Power LED in the Status section of the System page.

The LED is red when a PSU has failed. The LED is green when both PSUs are operating.



**Note**

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The chassis has two AC power inlets and switches. For PSU redundancy, both power inlets to a power source must be connected. If only one power cable is connected, the Power LED on the chassis front panel and the LED indicator on the PSU not in use will both light red.

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## Removing and Installing the Power Supply Unit

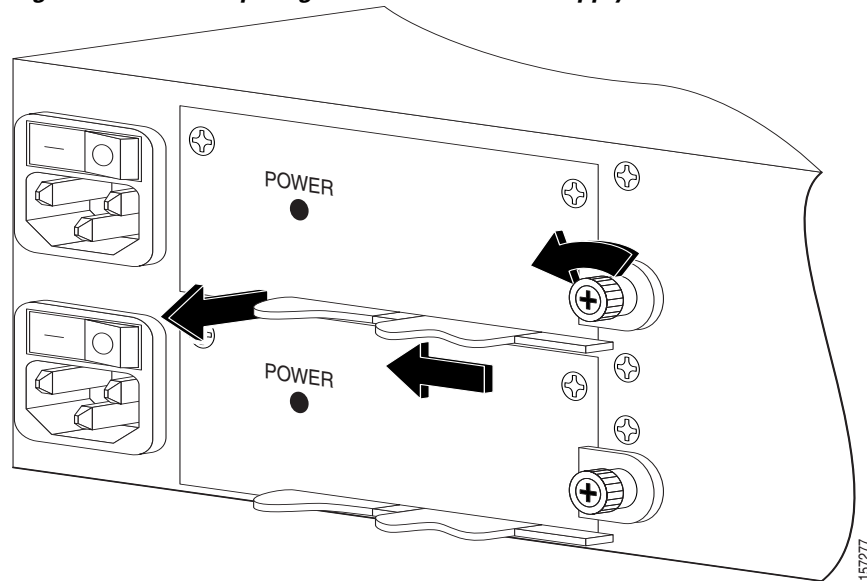
You can replace a PSU that has failed without disrupting the power to the chassis. To replace the failed PSU, perform the following steps:

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**Step 1** On the chassis rear panel, loosen the screw of the PSU you want to remove, as shown in [Figure 1](#).

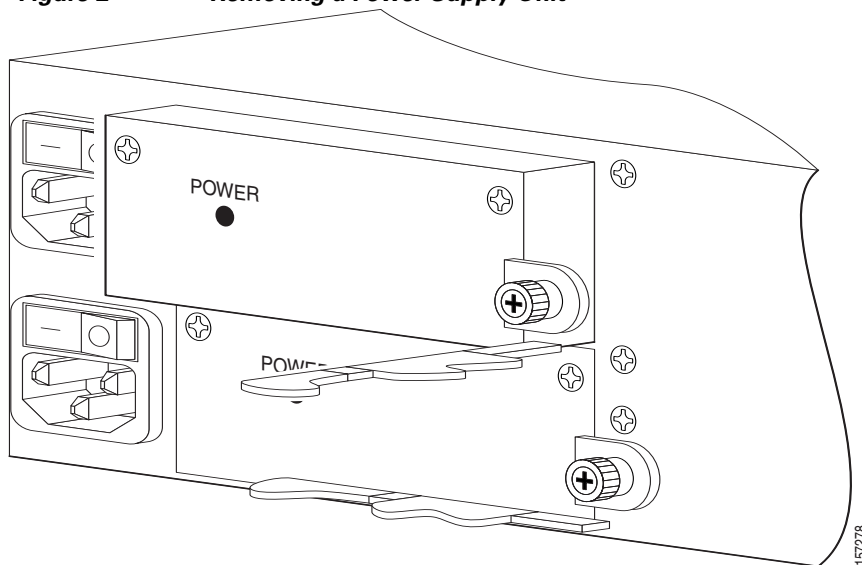
**Step 2** Firmly grip the handle of the PSU you want to remove. Use your other hand to brace against the chassis and provide leverage.

**Figure 1** Preparing to Remove a Power Supply Unit



**Step 3** Pull out the PSU slowly, as shown in [Figure 2](#).

**Figure 2** Removing a Power Supply Unit



**Step 4** Insert a new PSU, sliding it into the connectors inside the PSU slot.

**Step 5** Press firmly on the new PSU to ensure that the connectors have engaged properly and that the outside of the PSU is in line with the chassis rear panel.

**Step 6** Check to see that the green LED lights up on the new PSU and on the chassis front panel.

**Step 7** Tighten the screw.



**Warning**

**The safety cover is an integral part of the product. Do not operate the unit without the safety cover installed. Operating the unit without the cover in place will invalidate the safety approvals and pose a risk of fire and electrical hazards.**



**Warning**

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**Blank faceplates and cover panels serve three important functions: they prevent exposure to hazardous voltages and currents inside the chassis; they contain electromagnetic interference (EMI) that might disrupt other equipment; and they direct the flow of cooling air through the chassis. Do not operate the system unless all cards, faceplates, front covers, and rear covers are in place.**

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