

Dell™ Systems

# Installing a Redundant Power Supply

安装冗余电源设备

Installation d'un module d'alimentation redondant

Installation eines redundanten Netzteils

冗長電源の取り付け

중복 전원 공급 장치 설치

Instalación de la fuente de alimentación redundante



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# Notes, Notices, and Cautions



**NOTE:** A NOTE indicates important information that helps you make better use of your computer.



**NOTICE:** A NOTICE indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



**CAUTION:** A CAUTION indicates a potential for property damage, personal injury, or death.

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This document explains how to install a second, hot-pluggable redundant power supply and power-supply cooling fan in your system.

 **CAUTION: Only trained service technicians are authorized to remove the system cover and access any of the components inside the system. Read and follow all safety precautions in your *System Information* document.**

- 1 Open the left system door (see "Opening the System Doors" in your system *Installation and Troubleshooting Guide*).
- 2 Place the new power-supply cooling fan in the back of the power-supply bay (see Figure 1-1).

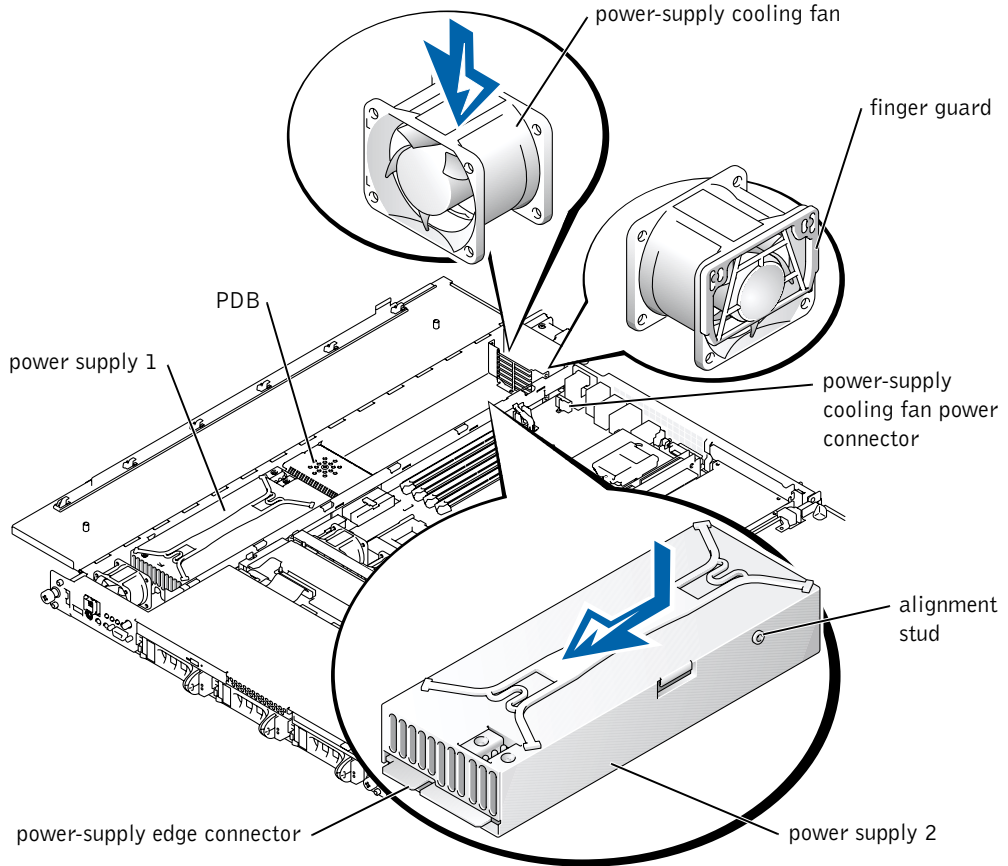
Ensure that the finger guard on the fan faces the back of the system and that the fan power cable is pointing towards the fan power connector on the system board (see Figure 1-1).

- 3 Route the fan power cable through the rectangular opening in the power supply bay partition, and then connect the cable to the fan power connector on the system board (see Figure 1-1).
- 4 To install the new power supply, align the stud on the side of the power supply (see Figure 1-1) with the corresponding notch in the chassis, and then lower the power supply into the chassis.

 **CAUTION: The connectors on the PDB contain high voltages. Do not remove the metal cover from the PDB or touch the connectors on the PDB or power supplies.**

- 5 Slide the power supply toward the PDB until the power-supply edge connector is fully seated in the PDB connector (see Figure 1-1).
- 6 Close the system cover.

**Figure 1-1. Installing the Power Supply and Power-Supply Cooling Fan**



- 7 Connect the new system power cable to the power-supply 2 cable connector (PS2) on the system's back panel (see Figure 1-2).

**Figure 1-2. Power-Supply Cable Connectors on the System Back Panel**

