

53-1001794-01  
January 31, 2010



# Power Supply and Filler Panel

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## Replacement Procedure

**Supporting PowerConnect B-DCX-4S Backbone and PowerConnect B-DCX  
Backbone**

53-1001794-01



## Notes, Cautions, and Warnings

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### NOTE

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

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### CAUTION

See the safety and regulatory information that shipped with your system. For additional regulatory information, see the Regulatory Compliance Homepage on [www.dell.com](http://www.dell.com) at the following location: [www.dell.com/regulatory\\_compliance](http://www.dell.com/regulatory_compliance).

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### CAUTION

A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

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### DANGER

A DANGER indicates a potential for property damage, personal injury, or death.

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Regulatory Model Codes: Brocade DCX-4S, Brocade DCX

# In this guide

- Power supply installation ..... 3
- Time and items required ..... 3
- Removing a power supply ..... 4
- Replacing a power supply ..... 6

## Power supply installation

Use this procedure to remove and replace a power supply.

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### NOTE

The PowerConnect B-DCX can continue operating during the replacement if:

- At least one 220 VAC power supply is operating,
- At least two 110 VAC power supplies are working.

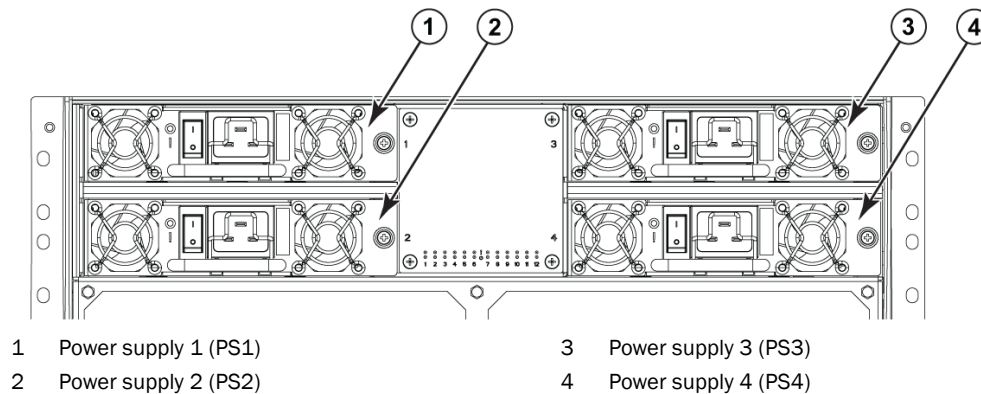
The PowerConnect B-DCX-4S can continue operating during the replacement if the second 220 VAC power supply is operating.

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## Time and items required

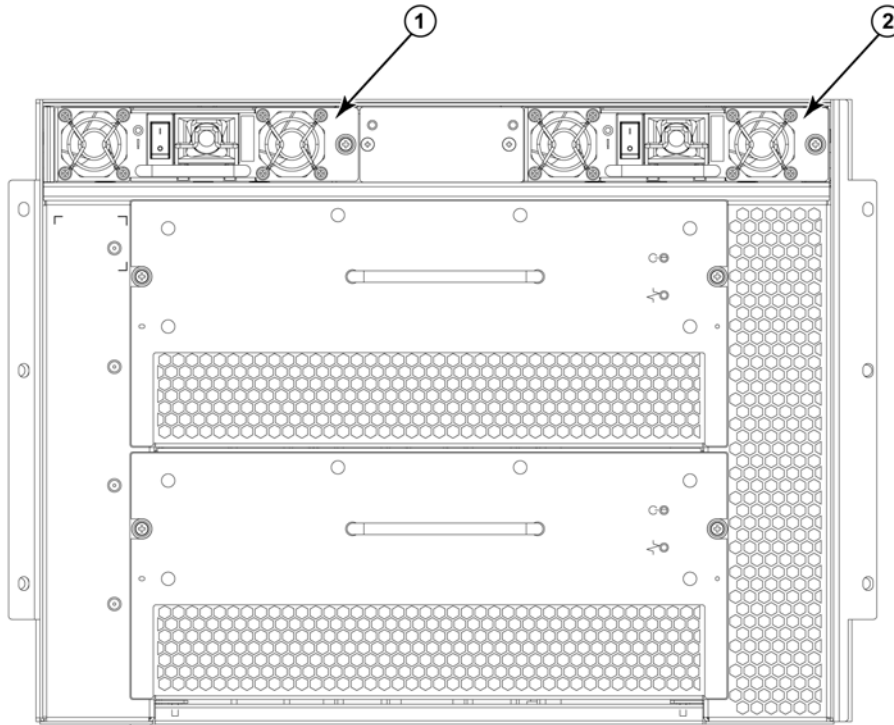
The replacement procedure for each power supply takes less than 5 minutes. A power supply unit or filler panel is required for the power supply replacement.

Figure 1 shows the location and identification of the power supplies for the PowerConnect B-DCX.



**FIGURE 1** Power supply identification for the PowerConnect B-DCX

Figure 2 shows the location and identification of the power supplies for the PowerConnect B-DCX-4S.



- 1 Power supply 1 (PS1)                      2 Power supply 2 (PS2)

**FIGURE 2** Power supply identification for the PowerConnect B-DCX-4S

## Removing a power supply

1. Perform one of the two following tasks:

For the PowerConnect B-DCX:

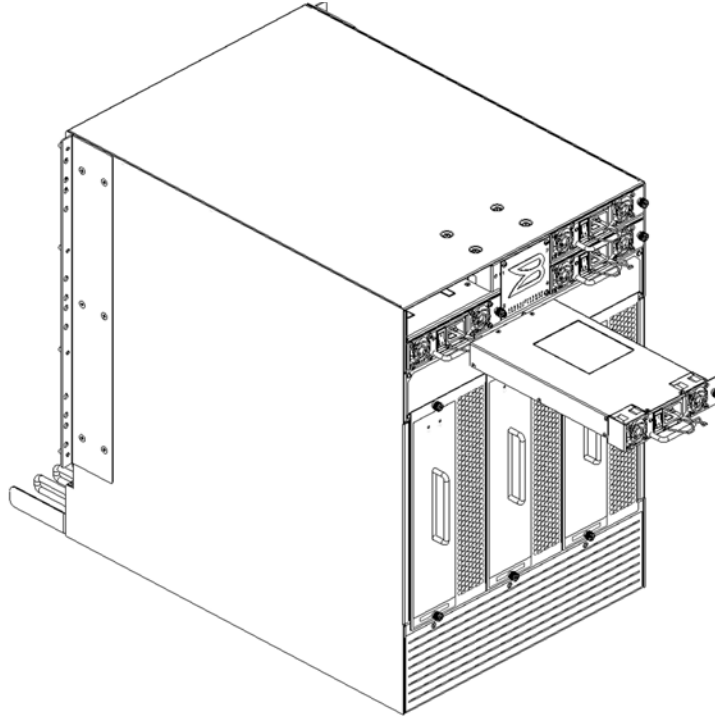
- If the PowerConnect B-DCX is not operating during the replacement procedure, go to step 2.
- If the PowerConnect B-DCX is operating and will continue to operate during the replacement, check the power LEDs to verify that the minimum number of power supplies is functioning. A fully populated PowerConnect B-DCX requires a minimum of one power supply at all times.

For the PowerConnect B-DCX-4S:

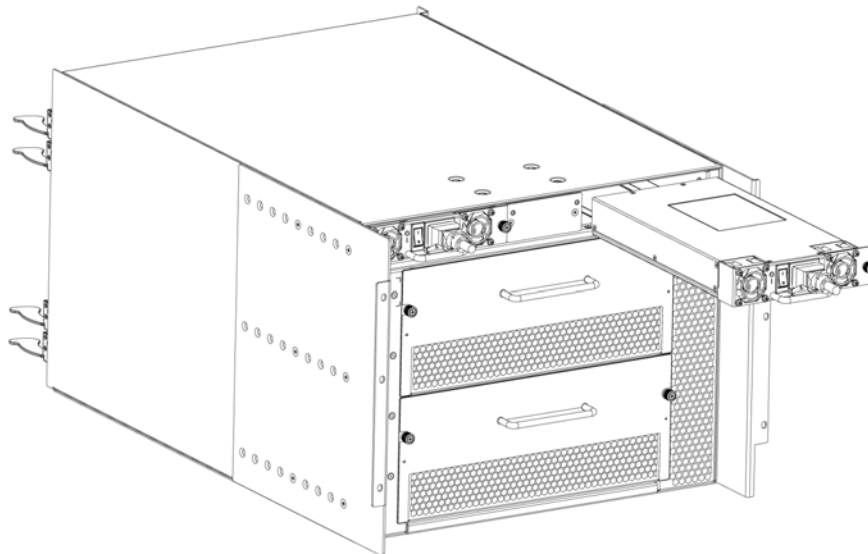
- If the PowerConnect B-DCX-4S is not operating during the replacement procedure, go to step 2.
- If the PowerConnect B-DCX-4S is operating and will continue to operate during the replacement, check the power LEDs to verify that the minimum number of power supplies is functioning. A fully populated PowerConnect B-DCX-4S requires a minimum of one power supply at all times.

2. Turn off the power switch.
3. Remove the power cord.
4. Loosen the thumb screw on the right side of the power supply.

5. Grasp the handle and pull, sliding the power supply from the chassis and supporting the power supply from beneath as you remove it (Figure 3 or Figure 4).
6. If you are not replacing the power supply, insert a filler panel into the slot.



**FIGURE 3** Power supply for the PowerConnect B-DCX



**FIGURE 4** Power supply for the PowerConnect B-DCX-4S

## Replacing a power supply

1. Remove any filler panel.
2. Insert the power supply into the slot and push the handle up. Verify that the power supply is seated by gently pulling on the handle.
3. Tighten the thumb screw.
4. Replace the power cord.
5. Turn on the power switch.
6. Verify that the power LED on the power supply displays a steady green light.