

# Sun Datacenter InfiniBand Switch 648

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Product Notes



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# Sun Datacenter InfiniBand Switch 648 Product Notes

These product notes provide last-minute, late-breaking information regarding Oracle’s Sun Datacenter InfiniBand Switch 648.

## Known Issues

The following table describes known issues with the Sun Datacenter InfiniBand Switch 648.

CR	Description	Impact	Workaround
6845622	Standby power returns to a fabric card or line card after being disabled.	None to switch fabric.	If a fabric card or line card becomes enabled, use the <code>disablestby</code> command a second time. As part of the installation process, you might need to disable a card before enabling it. First use the <code>disablestby</code> command, then use the <code>enablestby</code> command. <b>Note</b> - You can safely remove a fabric card or line card under standby power.

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# Hardware Issues

## Rack Stability

The Sun Datacenter InfiniBand Switch 648 is designed to mount into a Sun Rack II cabinet. The cabinet accommodates 3 switches, the first being installed in the lowest position. To install the switch, you must first remove the stabilizer legs from the rack. For continued safety, you must not install any equipment above the switches on sliding rails. If any equipment is installed above the switches, it must be lighter than the Sun Datacenter InfiniBand Switch 648 and mounted with stationary brackets.

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## Software Issues

There are no software issues at this time.

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## Documentation Issues

### Fabric Card and Line Card Installation Update

In the *Sun Datacenter InfiniBand Switch 648 Getting Started Guide*, part number 820-7745-10, the steps to install the fabric cards and line cards have changed. Replace the text in Step 2 and Step 3 of Install the Chassis Components with the following:

2. Install the fabric cards (or fabric card fillers) one at a time with the 10 mm socket into the rear of the switch chassis.

Seat the card into the slot so that both retainer bolts engage the threaded chassis receivers. Make only 1/4 turn each time, repeatedly alternating between the top and bottom retainer bolts. Do not exceed 2.0 ft-lb torque. After firmly seating the card, loosen the retainer bolts to a total of 3/4 of a turn each. Make only 1/4 turn each time loosening, repeatedly alternating between the top and bottom retainer bolts. Install fabric cards into the slots in this order: 0, 1, 8, 7, 6, 2, 3, 5, 4. Install fillers into the vacant slots.

3. Remove the midplane stiffener and install the line cards one at a time with the 20 mm socket into the front of the switch chassis.

Seat the card into the slot so that both retainer bolts engage the threaded chassis receivers. Make only 1/4 turn each time, repeatedly alternating between the left and right retainer bolts. Do not exceed 2.0 ft-lb torque. After firmly seating the card, loosen the retainer bolts to a total of 3/4 of a turn each. Make only 1/4 turn each time loosening, repeatedly alternating between the left and right retainer bolts. Install line cards into the slots in this order: 0, 1, 2, 3, 4, 5, 6, 7, 8. Slide fillers into the vacant slots.

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**Note** – The procedures in the *Sun Datacenter InfiniBand Switch 648 Installation Guide*, part number 820-7738, and the *Sun Datacenter InfiniBand Switch 648 Service Manual*, part number 820-7740, have already been updated with this new information.

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## Declaration of Conformity

To receive a copy of the latest Declaration of Conformity (DoC) for Oracle's Sun Datacenter InfiniBand Switch 648, either contact your local Sun sales representative or create an online request at the following URL:

([https://www2.sun.de/dct/forms/reg\\_us\\_1607\\_755\\_0.jsp](https://www2.sun.de/dct/forms/reg_us_1607_755_0.jsp))

