

New and Changed Information

This chapter provides release-specific information for each new and changed troubleshooting guideline for the Cisco MDS SAN-OS Release 2.x software. The *Cisco MDS 9000 Family Troubleshooting Guide, Release 2.x* is updated to address each new and changed guideline in the Cisco MDS SAN-OS Release 2.x software. The latest version of this document is available at the following Cisco Systems website: http://www.cisco.com/en/US/products/ps5989/prod_troubleshooting_guides_list.html



Tip

The troubleshooting guides created for previous releases are also listed in the website mentioned above. Each guide addresses the features introduced in or available in those releases. Select and view the troubleshooting guide pertinent to the software installed in your switch.

To check for additional information about Cisco MDS SAN-OS Release 2.x, refer to the *Cisco MDS 9000 Family Release Notes* available at the following Cisco Systems website: http://www.cisco.com/en/US/products/hw/ps4159/ps4358/prod_release_notes_list.html

Table 1 summarizes the new and changed features for the *Cisco MDS 9000 Family Troubleshooting Guide, Release 2.x*, and tells you where they are documented. The table includes a brief description of each new feature and the release in which the change occurred.



Note

This updated version of the *Cisco MDS 9000 Family Troubleshooting Guide, Release 2.x* has been reorganized from earlier versions to better address the most common troubleshooting issues in Cisco SAN-OS Release 2.x.

Table 1 ***New and Changed Features for Release 2.x***

| Feature | Description | Changed in Release | Where Documented |
|---------------------|---|--------------------|--|
| Upgrades/Downgrades | Added troubleshooting Cisco SAN-OS upgrades, downgrades and reboots and bootflash recovery. | All releases | Chapter 2, “Troubleshooting Installs, Upgrades, and Reboots” |
| Hardware | Added troubleshooting Fans, power supplies and clock modules. | All releases | Chapter 3, “Troubleshooting Hardware” |
| Licenses | Added troubleshooting license issues. | 1.3(1) | Chapter 4, “Troubleshooting Licensing” |

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Table 1 ***New and Changed Features for Release 2.x (continued)***

| Feature | Description | Changed in Release | Where Documented |
|---------------------------------------|---|---------------------------|--|
| Domains, FSPF | Added troubleshooting options for domains and FSPF. | All releases | Chapter 6, “Troubleshooting Ports” |
| Inter-VSAN Routing (IVR) Enhancements | Describes troubleshooting IVR, including IVR NAT and IVR auto topology. | 2.1(2b) | Chapter 8, “Troubleshooting IVR” |