



# Site Planning and Maintenance Records

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This appendix provides a Site Planning list and includes the following records to use when installing the Cisco MDS 9250i switch:

- [Contacting Customer Service, page 1-1](#)
- [Site Preparation Checklist, page 1-2](#)
- [Contact and Site Information, page 1-4](#)
- [Chassis and Module Information, page 1-5](#)



**Note**

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For information on how to query the switch for configuration information, see *Cisco MDS 9000 Family NX-OS Fundamentals Configuration Guide* or the *Cisco Fundamentals Configuration Guide for DCNM SAN*.

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## Contacting Customer Service

If you are unable to solve a startup problem after using the troubleshooting suggestions in this appendix, contact your customer service representative for assistance and further instructions. Before you call, have the following information ready to help your service provider assist you as quickly as possible:

- Date you received the switch.
- Chassis serial number. See the “[Finding the Chassis Serial Number](#)” section on page 1-2.
- Type of software and release number.
- Maintenance agreement or warranty information.
- Brief description of the problem.
- Brief explanation of the steps you have already taken to isolate and resolve the problem.



**Note**

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If you purchased Cisco support through a Cisco reseller, contact the reseller directly. If you purchased support directly from Cisco, contact Cisco Technical Support at this URL:  
[http://www.cisco.com/en/US/support/tsd\\_cisco\\_worldwide\\_contacts.html](http://www.cisco.com/en/US/support/tsd_cisco_worldwide_contacts.html)

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## Finding the Chassis Serial Number


**Tip**

If you have CLI access, enter the **show srom backplane 1** command to display the backplane contents, including the switch serial number.

## Site Preparation Checklist

Planning the location and layout of your equipment rack or wiring closet is essential for successful switch operation, ventilation, and accessibility. [Table 1-1](#) lists the site planning tasks that Cisco recommends completing before installing the Cisco MDS 9700 switch.

Consider heat dissipation when sizing the air-conditioning requirements for an installation. See [Table B-1 on page B-1](#) for the environmental requirements.

**Table 1-1 Site Planning Checklist**

Task No.	Planning Activity	Verified By	Time	Date
1	Space evaluation: <ul style="list-style-type: none"> <li>• Space and layout</li> <li>• Floor covering</li> <li>• Impact and vibration</li> <li>• Lighting</li> <li>• Maintenance access</li> </ul>			
2	Environmental evaluation: <ul style="list-style-type: none"> <li>• Ambient temperature</li> <li>• Humidity</li> <li>• Altitude</li> <li>• Atmospheric contamination</li> <li>• Air flow</li> </ul>			
3	Power evaluation: <ul style="list-style-type: none"> <li>• Input power type</li> <li>• Power receptacles (20 A)<sup>1</sup></li> <li>• Receptacle proximity to the equipment</li> <li>• Dedicated (separate) circuits for redundant power supplies</li> <li>• UPS<sup>2</sup> for power failures</li> <li>• DC systems: proper gauge wire and lugs</li> </ul>			

**Table 1-1 Site Planning Checklist (continued)**

<b>Task No.</b>	<b>Planning Activity</b>	<b>Verified By</b>	<b>Time</b>	<b>Date</b>
4	Grounding evaluation: <ul style="list-style-type: none"> <li>• Circuit breaker size</li> <li>• CO ground (AC- and DC-powered systems)</li> </ul>			
5	Cable and interface equipment evaluation: <ul style="list-style-type: none"> <li>• Cable type</li> <li>• Connector type</li> <li>• Cable distance limitations</li> <li>• Interface equipment (transceivers)</li> </ul>			
6	EMI <sup>3</sup> evaluation: <ul style="list-style-type: none"> <li>• Distance limitations for signaling</li> <li>• Site wiring</li> <li>• RFI<sup>4</sup> levels</li> </ul>			

1. Verify that each power supply installed in the chassis has a dedicated AC source or DC source circuit.
2. UPS = uninterruptible power supply
3. EMI = electromagnetic interference
4. RFI = radio frequency interference

# Contact and Site Information

Use the following worksheet (Table 1-2) to record contact and site information.

**Table 1-2**      *Contact and Site Information*

<b>Contact person</b>	
<b>Contact phone</b>	
<b>Contact e-mail</b>	
<b>Building/site name</b>	
<b>Data center location</b>	
<b>Floor location</b>	
<b>Address (line 1)</b>	
<b>Address (line 2)</b>	
<b>City</b>	
<b>State</b>	
<b>Zip code</b>	
<b>Country</b>	

# Chassis and Module Information

Use the following worksheets (Table 1-3 and Table 1-4) to record information about the chassis and modules.

Contract number \_\_\_\_\_

Chassis serial number \_\_\_\_\_

Product number \_\_\_\_\_

**Table 1-3 Network-Related Information**

<b>Switch IP address</b>	
<b>Switch IP netmask</b>	
<b>Host name</b>	
<b>Domain name</b>	
<b>IP broadcast address</b>	
<b>Gateway/router address</b>	
<b>DNS address</b>	
<b>Modem telephone number</b>	

**Table 1-4 Module Information**

<b>Slot</b>	<b>Module Type</b>	<b>Module Serial Number</b>	<b>Notes</b>
<b>1</b>			
<b>2</b>			
<b>3</b>			
<b>4</b>			
<b>5</b>	<b>Supervisor</b>		

**Table 1-4**      *Module Information (continued)*

<b>Slot</b>	<b>Module Type</b>	<b>Module Serial Number</b>	<b>Notes</b>
<b>6</b>	<b>Supervisor</b>		
<b>7</b>			
<b>8</b>			
<b>9</b>			