

How to Remotely Read Serial Numbers from an MDS

Document ID: 30201

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Introduction

Occasionally, you might need to remotely read serial numbers from your MDS 9000 series multilayer switch. You might have to do so for inventory requirements or for confirmation or verification for support contract entitlement. This document explains how to read chassis and line card serial numbers through remote access to the MDS 9000 series switch.

Prerequisites

Requirements

Before attempting this configuration, ensure that you have remote access to the MDS 9000 series multilayer switch through an IP or console connection.

Components Used

The information in this document is based on the MDS 9000 storage area networking operating system (SAN-OS).

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

Reading Chassis Serial Number

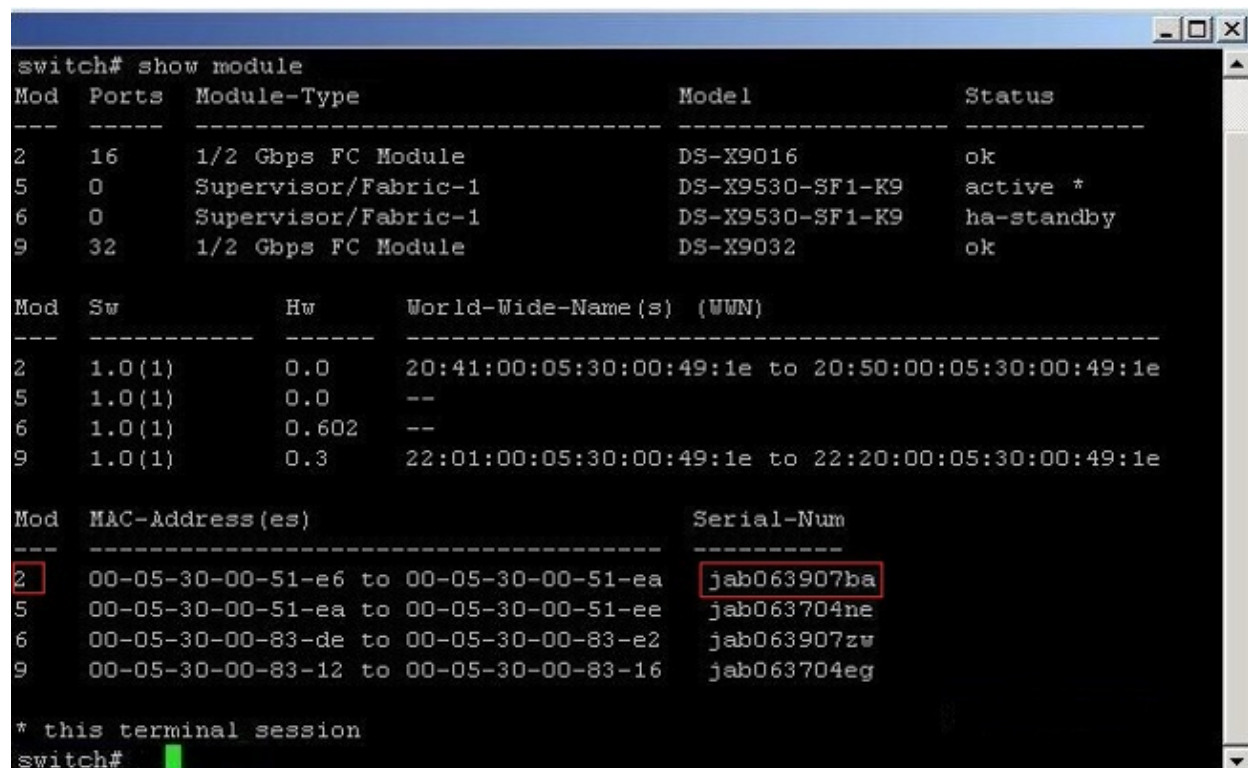
The chassis serial number on a MDS 9000 series multilayer switch is used to identify the unit for service contract purposes. It can be read from the sticker on the back of the unit next to the power supply; or it can be read remotely by issuing the **show sprom backplane 1** command. The serial number is found below the

product number.

```
sw20-sj-9700-1# show srom backplane 1
DISPLAY backplane srom contents:
Common block:
Block Signature : Oxabab
Block Version   : 3
Block Length    : 160
Block Checksum  : Ox15c7
EEPROM Size     : 65535
Block Count     : 5
FRU Major Type  : Ox6001
FRU Minor Type  : Ox0
OEM String      : Cisco Systems, Inc.
Product Number  : DS-C9710
Serial Number   : JAF1710BBPJ
Part Number     : 73-15235-02
Part Revision   : A0
Mfg Deviation   :
H/W Version    : 1.0
Mfg Bits        : 0
Engineer Use    : 0
snmpOID         : 9.12.3.1.3.1327.0.0
Power Consump   : 0
RMA Code        : 0-0-0-0
CLEI Code       : CMMKBO0ARA
```

Reading Line Card Serial Numbers

Serial numbers for line cards are printed on the bottom of the metal card tray. To remotely read the serial number, issue the **show module** command, which lists information about the installed modules, including the serial numbers.



```
switch# show module
Mod  Ports  Module-Type          Model              Status
---  ---
2    16     1/2 Gbps FC Module  DS-X9016           ok
5    0      Supervisor/Fabric-1 DS-X9530-SF1-K9    active *
6    0      Supervisor/Fabric-1 DS-X9530-SF1-K9    ha-standby
9    32     1/2 Gbps FC Module  DS-X9032           ok

Mod  Sw          Hw          World-Wide-Name (s) (WWN)
---  ---
2    1.0(1)     0.0         20:41:00:05:30:00:49:1e to 20:50:00:05:30:00:49:1e
5    1.0(1)     0.0         --
6    1.0(1)     0.602       --
9    1.0(1)     0.3         22:01:00:05:30:00:49:1e to 22:20:00:05:30:00:49:1e

Mod  MAC-Address(es)          Serial-Num
---  ---
2    00-05-30-00-51-e6 to 00-05-30-00-51-ea  jab063907ba
5    00-05-30-00-51-ea to 00-05-30-00-51-ee  jab063704ne
6    00-05-30-00-83-de to 00-05-30-00-83-e2  jab063907zw
9    00-05-30-00-83-12 to 00-05-30-00-83-16  jab063704eg

* this terminal session
switch#
```

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

Related Information

- **Storage Networking Product Support**
 - **Technical Support & Documentation – Cisco Systems**
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Updated: Dec 12, 2014

Document ID: 30201
