

How to Determine the Serial Number of Catalyst Switch Components

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Introduction

This document shows how to determine the serial numbers of various replaceable components on various Cisco Catalyst switches. The serial numbers are necessary to create a database of the parts in the network. When you create a service request with Cisco Technical Support, you must have the serial number of the affected devices at hand. This requirement is especially the case when you need a replacement part, or return materials authorization (RMA).

Note: The serial number of Cisco Catalyst switches cannot be modified. For management purposes, you can configure the Cisco Catalyst switches that run Cisco IOS® software to return a custom string. In order to create a custom string, issue the **snmp-server chassis-id** command in global configuration mode.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- Various Catalyst switches
- Various software versions

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

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Difference Between CatOS and Cisco IOS System Software

Catalyst OS (CatOS) on the Supervisor Engine and Cisco IOS® Software on the MSFC (Hybrid): You can use a CatOS image as the system software to run the Supervisor Engine on Catalyst 6500/6000 switches. If you have installed the optional Multilayer Switch Feature Card (MSFC), use a separate Cisco IOS Software image to run the MSFC.

Cisco IOS Software on both the Supervisor Engine and MSFC (Native): You can use a single Cisco IOS Software image as the system software to run both the Supervisor Engine and MSFC on Catalyst 6500/6000 switches.

Note: For more information, refer to Comparison of the Cisco Catalyst and Cisco IOS Operating Systems for the Cisco Catalyst 6500 Series Switch.

Catalyst 6500/6000

Catalyst 6500/6000 switches can run CatOS system software on the Supervisor Engine and Cisco IOS Software on the MSFC. Or, the switches can run Cisco IOS System Software, with a software bundle for both the Supervisor Engine and MSFC.

CatOS

Use the **show version** command to determine the serial number of various hardware components, as this example shows:

```

cat6500> (enable) sh version
WS-C6509 Software, Version NmpSW: 6.3(7)
Copyright (c) 1995-2002 by Cisco Systems
NMP S/W compiled on May 16 2002, 17:16:36

System Bootstrap Version: 6.1(4)

Hardware Version: 1.0 Model: WS-C6509 Serial #: SCA032500KM

PS1 Module: WS-CAC-1300W Serial #: ACP03230203

Mod Port Model Serial # Versions
-----
1 2 WS-X6K-S2U-MSFC2 SAD0549078U Hw : 3.2
FW : 6.1(4)
FW1 : 6.1(3)
Sw : 6.3(7)
Sw1 : 6.3(7)
2 16 WS-F6K-PFC2 SAD054907JS Hw : 3.0
WS-X6416-GBIC SAD0527010C Hw : 1.2
FW : 5.4(2)
3 8 WS-X6408-GBIC JAB04060408 Hw : 2.3
FW : 4.2(0.24)VAI78
Sw : 6.3(7)
4 8 WS-X6408A-GBIC SAD05040HMX Hw : 1.4
FW : 5.4(2)
Sw : 6.3(7)
6 48 WS-X6248-RJ-45 SAD03461848 Hw : 1.1
FW : 4.2(0.24)VAI78
Sw : 6.3(7)
15 1 WS-F6K-MSFC2 SAD054906L4 Hw : 1.3
FW : 12.1(13)E3
Sw : 12.1(13)E3

DRAM FLASH NVRAM
Module Total Used Free Total Used Free Total Used Free
-----
1 262144K 68644K 193500K 32768K 7249K 25519K 512K 290K 222K

Uptime is 3 days, 7 hours, 11 minutes

```

Note: If the power supply serial number is not visible in the **show version** command output, issue the **show sprom powersupply {1 | 2}** command.

In order to find the serial number of port adapters that plug into the Flex WAN module, issue the **show diagbus** command from the MSFC command-line interface (CLI), as this example shows:

```

MSFC#show diagbus
Slot 4: Logical_index 8
FlexWan controller
Board is analyzed ipc ready
HW rev 1.5, board revision A0
Serial Number: SAD061903JE Part number: 73-3869-08

Slot database information:
Flags: 0x2004 Insertion time: 0x85E9C (6d08h ago)

CWAN Controller Memory Size: Unknown

Slot 4: Logical_index 9
FlexWan controller
Board is analyzed ipc ready
HW rev 1.5, board revision A0
Serial Number: SAD061903JE Part number: 73-3869-08

Slot database information:
Flags: 0x2004 Insertion time: 0x85E9C (6d08h ago)

Controller Memory Size:
112 MBytes CPU Memory
16 MBytes Packet Memory
128 MBytes Total on Board SDRAM
IOS (tm) cwlC Software (cwpa-DW-M), Version 12.1(13)E4, EARLY DEPLOYMENT
RELEASE SOFTWARE (fcl)

```

PA Bay 1 Information:

ENHANCED ATM OC3 SML PA, 1 ports
EEPROM format version 1
HW rev 2.00, Board revision A0
Serial number: 27738110 Part number: 73-2428-04

Cisco IOS System Software

In order to determine the serial number for the chassis and other components, issue the **show idprom** command, as this example shows:

```
6509#show idprom ?
all                selects all FRU-types
backplane          specify backplane
clock              specify clock <number>
earl               specify earl <slot>
fan-tray           specify fan-tray <number>
interface          interface name
module            specify module <slot>
power-supply       specify power-supply <number>
rp                 specify RP (MSFC) <slot>
supervisor         specify supervisor <slot>
vtt                specify VTT <number>
```

In order to obtain the chassis serial number, issue the **show idprom backplane** command, as this example shows:

```
6509#show idprom backplane
IDPROM for backplane #0
(FRU is 'Catalyst 6500 6-slot backplane')
OEM String = 'Cisco Systems'
Product Number = 'WS-C6506'
Serial Number = 'TBA03270652'
Manufacturing Assembly Number = '73-3436-01'
Manufacturing Assembly Revision = 'A0'
Hardware Revision = 1.0
Current supplied (+) or consumed (-) = -A
```

In order to obtain the module serial number, issue the **show idprom module slot #** command. Alternatively, you can issue the **show module** command, as this example shows:

```
6509#show module
```

Mod	Ports	Card Type	Model	Serial No.
1	2	Catalyst 6000 supervisor 2 (Active)	WS-X6K-S2U-MSFC2	SAD055006NE
3	0	2 port adapter FlexWAN	WS-X6182-2PA	SAD04350EEU
4	48	SFM-capable 48-port 10/100 Mbps RJ45	WS-X6548-RJ-45	SAD055108C2

Mod	MAC addresses	Hw	Fw	Sw	Status
1	0001.6415.a602 to 0001.6415.a603	3.2	6.1(3)	7.5(0.6)HUB6	Ok
3	0001.6413.c86b to 0001.6413.c8aa	1.5	12.1(13)E1	12.1(13)E1	Ok
4	0001.63d3.e77a to 0001.63d3.e7a9	4.0	6.3(1)	7.5(0.6)HUB6	Ok

Mod	Sub-Module	Model	Serial	Hw	Status
1	Policy Feature Card 2	WS-F6K-PFC2	SAD055004VA	3.0	Ok
1	Cat6k MSFC 2 daughterboard	WS-F6K-MSFC2	SAD055006VF	2.0	Ok

```
Mod Online Diag Status
-----
```

- 1 Pass
- 3 Not Supported
- 4 Pass

Note: Use the **show diag** command to determine the serial number of port adapters on the Flex WAN module.

Catalyst 5500/5000

Use the **show version** command to determine the serial number of various hardware components, as this example shows:

```

WS-C5500 Software, Version McpSW: 5.5(14) NmpSW: 5.5(14)
Copyright (c) 1995-2002 by Cisco Systems
NMP S/W compiled on Apr 11 2002, 15:44:41
MCP S/W compiled on Apr 11 2002, 15:39:53

System Bootstrap Version: 5.1(2)
Hardware Version: 1.4 Model: WS-C5500 Serial #: 069074400

Mod Port Model Serial # Versions
-----
1 2 WS-X5530 013361228 Hw : 3.3
                               Fw : 5.1(2)
                               Fw1: 4.4(1)
                               Sw : 5.5(14)
4 48 WS-X5020 005219183 Hw : 2.0
                               Fw : 2.1(1)
5 48 WS-X5012 006507547 Hw : 2.0
                               Fw : 2.3(2)
                               Sw : 5.5(14)
10 1 WS-X5302 013169590 Hw : 7.5
                               Fw : 20.2
                               Fw1: 3.1(1)
                               Sw : 11.2(9)P
11 1 WS-X5155 002746124 Hw : 1.0
                               Fw : 1.2
                               Fw1: 1.320
                               Sw : 3.2(7)

DRAM FLASH NVRAM
Module Total Used Free Total Used Free Total Used Free
-----
1 32768K 19740K 13028K 8192K 5569K 2623K 512K 175K 337K

Uptime is 27 days, 7 hours, 14 minutes

```

Note: Use the **show diag** command on the Route Switch Module (RSM) with Versatile Interface Processor (VIP) (WS-X5304=) to find the serial number of port adapters.

Catalyst 4500/4000

Catalyst 4000 Supervisor Engine I, 4003/2948G/2980G

The Catalyst 4000 with Supervisor Engine I chassis serial number on the Catalyst 4003, 2948G, and 2980G is not readable through a CLI command. The serial number that appears in the **show version** command output in the example in this section is the serial number of the Supervisor Engine. The actual serial number appears on a sticker on the outside of the chassis. In order to locate the physical serial number labels on your device, refer to the Cisco Product Identification Tool [🔗](#) (registered customers only) .

```
CAT4003(enable) show version
WS-C4003 Software, Version NmpSW: 7.1(1a)
Copyright (c) 1995-2002 by Cisco Systems, Inc.
NMP S/W compiled on Feb  8 2002, 17:17:54
GSP S/W compiled on Feb 08 2002, 17:30:19

System Bootstrap Version: 5.5(5)

Hardware Version: 2.2  Model: WS-C4003  Serial #: JAE053002JD

Mod Port Model                Serial #                Versions
-----
1    0    WS-X4012                JAE053002JD           Hw : 2.2
                                   Gsp: 7.1(1.0)
                                   Nmp: 7.1(1a)
2    34    WS-X4232-GB-RJ         JAE053101RQ           Hw : 2.3

          DRAM                FLASH                NVRAM
Module Total  Used   Free   Total  Used   Free   Total Used   Free
-----
1         65536K  34119K  31417K  12288K  8832K  3456K  480K  263K  217K

Uptime is 20 days, 6 hours, 5 minutes
```

Catalyst 4500/4000 with Supervisor Engine 2

On the Catalyst 4500/4000 Supervisor 2, the chassis serial number is available via CLI in versions 5.5(10), 6.3(2), and later versions. In earlier versions, the **show version** command shows the Supervisor Engine serial number in the place of the chassis serial number. In order to obtain the serial number of the chassis in these earlier versions, check the external sticker on the chassis. In order to locate the physical serial number labels on your device, refer to the Cisco Product Identification Tool [🔗](#) (registered customers only) .

```

Cat4006> (enable) show version
WS-C4006 Software, Version NmpSW: 7.4(2)
Copyright (c) 1995-2002 by Cisco Systems, Inc.
NMP S/W compiled on Oct 8 2002, 18:12:59
GSP S/W compiled on Oct 08 2002, 15:54:51

System Bootstrap Version: 5.4(1)

Hardware Version: 1.5 Model: WS-C4006 Serial #: FOX052600QY

Mod Port Model Serial # Versions
-----
1 2 WS-X4013 JAB04130F32 Hw : 1.5
Gsp: 7.4(2.0)
Nmp: 7.4(2)
2 48 WS-X4148-RJ45V JAB05300E6W Hw : 1.6
3 48 WS-X4148-RJ45V JAB053008JG Hw : 1.6
4 48 WS-X4148-RJ45V JAB05300EBG Hw : 1.6
5 48 WS-X4148-RJ45V JAB053008PA Hw : 1.6

DRAM FLASH NVRAM
Module Total Used Free Total Used Free Total Used Free
-----
1 65536K 39599K 25937K 16384K 5520K 10864K 480K 355K 125K

Uptime is 5 days, 7 hours, 4 minutes

```

Chassis S.N.

Supervisor S.N.

Mod 2 S.N.

Catalyst 4500/4000 Supervisor Engine II+/III/IV

You can determine the serial number of the chassis and other components with use of the **show idprom** command, as this example shows:

```

Switch#show idprom ?
all show all non-interface IDPROMs
chassis show IDPROM for chassis
fan-tray show IDPROM for system fan tray
interface show contents of gbic connected to this interface
module show IDPROM for module
power-supply show IDPROM for power supply
supervisor show IDPROM for supervisor

```

You can obtain the chassis serial number with the **show idprom chassis** command, as this example shows:

```

Switch#show idprom chassis
Chassis Idprom :
Common Block Signature = 0xABAB
Common Block Version = 1
Common Block Length = 144
Common Block Checksum = 4081
Idprom Size = 256
Block Count = 2
FRU Major Type = 0x4001
FRU Minor Type = 37
OEM String = Cisco Systems, Inc.
Product Number = WS-C4506
Serial Number = FOX0627A001
Part Number = 73-8107-04
Part Revision = 01
Manufacturing Deviation String = 0
Hardware Revision = 0.4
Manufacturing Bits = 0x0000
Engineering Bits = 0x0000
Snmp OID = 0.0.0.0.0.0.0
Power Consumption = 0

```

```

RMA Failure Code = 0 0 0 0
Chassis Block Signature = 0x4001
Chassis Block Version = 1
Chassis Block Length = 22
Chassis Block Checksum = 628
Feature Bits = 0x0000000000000000
MAC Base = 000a.4172.df40
MAC Count = 64

```

You can obtain the power supply serial number with the **show idprom power-supply {1 | 2}** command, as this example shows:

```

Switch#show idprom power-supply 1
Power Supply 1 Idprom :
Common Block Signature = 0xABAB
Common Block Version = 1
Common Block Length = 144
Common Block Checksum = 5857
Idprom Size = 256
Block Count = 2
FRU Major Type = 0x4501
FRU Minor Type = 1
OEM String = Cisco Systems, Inc.
Product Number = PWR-C4K-1400AC
Serial Number = ABC06260005
Part Number = 34-1846-01
Part Revision = 45
Manufacturing Deviation String =
Hardware Revision = 1.0
Manufacturing Bits = 0x0000
Engineering Bits = 0x0000
Snmp OID = 22616.22616.22616.22616.22616.22616.22616.22616
Power Consumption = 1400
RMA Failure Code = 0 0 0 0
Power Supply Block Signature = 0x4501
PowerSupply Block Version = 1
PowerSupply Block Length = 20
PowerSupply Block Checksum = 293
Feature Bits = 0x0000000000000000
Current @ 110V = 17
Current @ 220V = 9
StackMIB OID = 22616

```

You can obtain the module serial number with the **show idprom module slot #** command. Alternatively, you can issue the **show module** command, as this example shows:

```

Switch#show module

```

Mod	Ports	Card Type	Model	Serial No.
1	2	1000BaseX (GBIC) Supervisor(active)	WS-X4014	JAB054109H1
3	48	10/100BaseTX (RJ45)	WS-X4148	JAB025202M6
4	6	1000BaseX (GBIC)	WS-X4306	JAB023403BG

M	MAC addresses	Hw	Fw	Sw	Status
1	000a.4172.df40 to 000a.4172.df41	0.5	12.1(12r)EW	12.1(13)EW(0.34)	Ok
3	0050.730b.2340 to 0050.730b.236f	1.0			Ok
4	0010.7bfa.7ca4 to 0010.7bfa.7ca9	2.0			Ok

Catalyst 3750

Use the **show version** command to determine the chassis serial number and switch model type, as the example here shows. You find all switch stack members, chassis, and serial number information in the output:

```
3750#show version
Cisco Internetwork Operating System Software
IOS (tm) C3750 Software (C3750-I5-M), Version 12.1(14)EA1, RELEASE SOFTWARE (fc1
)
Copyright (c) 1986-2003 by cisco Systems, Inc.
Compiled Tue 22-Jul-03 13:17 by antonino
Image text-base: 0x00003000, data-base: 0x008F0CF8

ROM: Bootstrap program is C3750 boot loader
BOOTLDR: C3750 Boot Loader (C3750-HBOOT-M) Version 12.1(11r)AX, RELEASE SOFTWARE
(fc1)

3750RJ uptime is 1 hour, 29 minutes
System returned to ROM by power-on
System image file is "flash:c3750-i5-mz.121.14-EA1/c3750-i5-mz.121.14-EA1.bin"

cisco WS-C3750-24TS (PowerPC405) processor (revision A0) with 120822K/10240K byt
es of memory.
Processor board ID CAT0726R0ZU
Last reset from power-on
Bridging software.
2 Virtual Ethernet/IEEE 802.3 interface(s)
48 FastEthernet/IEEE 802.3 interface(s)
16 Gigabit Ethernet/IEEE 802.3 interface(s)
The password-recovery mechanism is enabled.

512K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address : 00:0D:29:B4:18:00
Motherboard assembly number : 73-7055-06
Power supply part number : 341-0034-01
Motherboard serial number : CAT0726043V
Power supply serial number : PHI0708009K
Model revision number : A0
Motherboard revision number : A0
Model number : WS-C3750-24TS-E
System serial number : CAT0726R0ZU

Switch Ports Model SW Version SW Image
-----
* 1 26 WS-C3750-24TS 12.1(14)EA1 C3750-I5-M
2 26 WS-C3750-24TS 12.1(14)EA1 C3750-I5-M
3 12 WS-C3750G-12S 12.1(14)EA1 C3750-I5-M

Switch 02
-----
Switch Uptime : 1 hour, 29 minutes
Base ethernet MAC Address : 00:0D:29:B4:3F:00
Motherboard assembly number : 73-7055-06
Power supply part number : 341-0034-01
Motherboard serial number : CAT07260438
Power supply serial number : PHI0708008X
Model revision number : A0
Motherboard revision number : A0
Model number : WS-C3750-24TS-E
System serial number : CAT0726R10A

Switch 03
-----
Switch Uptime : 1 hour, 29 minutes
Base ethernet MAC Address : 00:0D:BD:6A:3E:00
```

Motherboard assembly number : 73-8307-06
Power supply part number : 341-0048-01
Motherboard serial number : CAT073205S2
Power supply serial number : DTH0731055Z
Model revision number : A0
Motherboard revision number : A0
Model number : WS-C3750G-12S-E
System serial number : CAT0732R0M4
Top assembly part number : 800-23419-01
Top assembly revision number : A0

Configuration register is 0xF

3750#

Catalyst 3560

Use the **show version** command to determine the chassis serial number and switch model type, as this example shows:

```
3560#show version
Cisco Internetwork Operating System Software
IOS (tm) C3560 Software (C3560-I5-M), Version 12.1(19)EA1c, RELEASE SOFTWARE (fc
2)
Copyright (c) 1986-2004 by cisco Systems, Inc.
Compiled Tue 03-Feb-04 05:56 by yenanh
Image text-base: 0x00003000, data-base: 0x0091D404

ROM: Bootstrap program is C3560 boot loader
BOOTLDR: C3560 Boot Loader (C3560-HBOOT-M) Version 12.1(19r)EA1b, RELEASE SOFTWA
RE (fc2)

3-8-03-CATS3560 uptime is 8 weeks, 4 days, 18 hours, 16 minutes
System returned to ROM by power-on
System image file is "flash:c3560-i5-mz.121-19.EA1c.bin"

cisco WS-C3560-24PS (PowerPC405) processor (revision D0) with 118776K/12288K byt
es of memory.
Processor board ID CSG0802P0G4
Last reset from power-on
Bridging software.
1 Virtual Ethernet/IEEE 802.3 interface(s)
24 FastEthernet/IEEE 802.3 interface(s)
2 Gigabit Ethernet/IEEE 802.3 interface(s)
The password-recovery mechanism is enabled.

512K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address : 00:0E:39:E9:32:80
Motherboard assembly number : 73-9299-01
Power supply part number : 341-0029-03
Motherboard serial number : CAT075108EK
Power supply serial number : LIT074900K3
Model revision number : D0
Motherboard revision number : C0
Model number : WS-C3560-24PS-E
System serial number : CSG0802P0G4
Top Assembly Part Number : 800-24814-01
Top Assembly Revision Number : D0
Version ID : N/A
Hardware Board Revision Number : 0x08
```

Catalyst 3550

Use the **show version** command to determine the chassis serial number and switch model type, as this example shows:

```
Cat3550#show version
Cisco Internetwork Operating System Software
IOS (tm) C3550 Software (C3550-I5Q3L2-M), Version 12.1(12c)EA1, RELEASE SOFTWARE (fc1)
Copyright (c) 1986-2002 by cisco Systems, Inc.
Compiled Mon 25-Nov-02 00:07 by antonino
Image text-base: 0x00003000, data-base: 0x0075FE48

ROM: Bootstrap program is C3550 boot loader

Cat3550 uptime is 4 days, 2 hours, 57 minutes
System returned to ROM by power-on
System image file is "flash:c3550-i5q3l2-mz.121-12c.EA1.bin"

cisco WS-C3550-48 (PowerPC) processor (revision G0) with 65526K/8192K bytes of memory.
Processor board ID CHK0642W02B
Last reset from warm-reset
Bridging software.
Running Layer2/3 Switching Image

Ethernet-controller 1 has 12 Fast Ethernet/IEEE 802.3 interfaces
Ethernet-controller 2 has 12 Fast Ethernet/IEEE 802.3 interfaces
Ethernet-controller 3 has 12 Fast Ethernet/IEEE 802.3 interfaces
Ethernet-controller 4 has 12 Fast Ethernet/IEEE 802.3 interfaces
Ethernet-controller 5 has 1 Gigabit Ethernet/IEEE 802.3 interface
Ethernet-controller 6 has 1 Gigabit Ethernet/IEEE 802.3 interface

48 FastEthernet/IEEE 802.3 interface(s)
2 Gigabit Ethernet/IEEE 802.3 interface(s)

The password-recovery mechanism is enabled.
384K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address: 00:0B:46:8A:2F:80
Motherboard assembly number: 73-5701-07
Power supply part number: 34-0967-01
Motherboard serial number: CAT0641027L
Power supply serial number: DCA06392BU2
Model revision number: G0
Motherboard revision number: A0
Model number: WS-C3550-48-SMI
System serial number: CHK0642W02B
Configuration register is 0x10F
```

Catalyst 2950/2970/2940

Use the **show version** command to determine the chassis serial number and switch model type, as this example shows:

```
Cat2950#show version
Cisco Internetwork Operating System Software
IOS (tm) C2950 Software (C2950-I6Q4L2-M), Version 12.1(12c)EA1, RELEASE SOFTWARE (fc1)
Copyright (c) 1986-2002 by cisco Systems, Inc.
Compiled Sun 24-Nov-02 23:31 by antonino
Image text-base: 0x80010000, data-base: 0x80562000
```

ROM: Bootstrap program is CALHOUN boot loader

Cat2950 uptime is 4 days, 2 hours, 52 minutes
System returned to ROM by power-on
System image file is "flash:c2950-i6q4l2-mz.121-12c.EA1.bin"

cisco WS-C2950G-48-EI (RC32300) processor (revision C0) with 21002K bytes of memory.
Processor board ID FHK0624W0HS
Last reset from system-reset
Running Enhanced Image
48 FastEthernet/IEEE 802.3 interface(s)
2 Gigabit Ethernet/IEEE 802.3 interface(s)

32K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address: 00:09:E8:89:4A:40
Motherboard assembly number: 73-7409-08
Power supply part number: 34-0965-01
Motherboard serial number: FOC06230ERQ
Power supply serial number: DAB062143BP
Model revision number: C0
Motherboard revision number: B0
Model number: WS-C2950G-48-EI
System serial number: FHK0624W0HS
Configuration register is 0xF

Catalyst 2900XL/3500XL

Use the **show version** command to determine the chassis serial number and switch model type, as this example shows:

```
Switch#show version
Cisco Internetwork Operating System Software
IOS (tm) C3500XL Software (C3500XL-C3H2S-M), Version 12.0(5.2)XU, MAINTENANCE
INTERIM SOFTWARE
Copyright (c) 1986-2000 by cisco Systems, Inc.
Compiled Mon 17-Jul-00 18:29 by ayounes
Image text-base: 0x00003000, data-base: 0x00301F3C
```

ROM: Bootstrap program is C3500XL boot loader

Switch uptime is 4 days, 3 hours, 4 minutes
System returned to ROM by power-on
System image file is "flash:c3500XL-c3h2s-mz-120.5.2-XU.bin"

Cisco WS-C3548-XL (PowerPC403) processor (revision 0x01) with 16384K/1024K bytes
of memory. Processor board ID FOC0616X0RG, with hardware revision 0x00
Last reset from power-on

Processor is running Enterprise Edition Software
Cluster command switch capable
Cluster member switch capable
48 FastEthernet/IEEE 802.3 interface(s)
2 Gigabit Ethernet/IEEE 802.3 interface(s)

32K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address: 00:09:7C:8E:78:80
Motherboard assembly number: 73-3903-09
Power supply part number: 34-0971-02
Motherboard serial number: FOC06160L07
Power supply serial number: APQ061200VZ
Model revision number: M0
Motherboard revision number: A0
Model number: WS-C3548-XL-EN

System serial number: FOC0616X0RG
Configuration register is 0xF

Catalyst 2948GL3/4908G-L3/4980G-L3

Use the **show hardware** command to determine the chassis serial number, as this example shows:

```
2948g-l3#show hardware
```

```
Model: Cat-2948G-L3 Date: 17:49:42 UTC Tue Mar 18 2003
```

```
XPIF FPGA File:      xpif_fpga_0_72b_CClk.rbt  
XPIF FPGA Date:     Wed Dec  8 17:05:42 1999
```

```
Slot 0/0:
```

```
Chip 0 Reset Count: 0      Chip 1 Reset Count: 0  
Chip 2 Reset Count: 0      Chip 3 Reset Count: 0  
Chip 4 Reset Count: 0      Chip 5 Reset Count: 0  
Chip 6 Reset Count: 0      Chip 7 Reset Count: 0  
Chip 8 Reset Count: 0      Chip 9 Reset Count: 0  
Chip 10 Reset Count: 0     Chip 11 Reset Count: 0
```

```
EPIF Version      : 0          CAM size: 32 KB
```

```
Ucode Version     : 1.0
```

```
Ucode Image      : EPIF_UCODE_RUNTIME
```

```
Port Phy Setup
```

```
Port1 :DONE      Port2 :DONE      Port3 :DONE      Port4 :DONE  
Port5 :DONE      Port6 :DONE      Port7 :DONE      Port8 :DONE  
Port9 :DONE      Port10:DONE     Port11:DONE     Port12:DONE  
Port13:DONE     Port14:DONE     Port15:DONE     Port16:DONE  
Port17:DONE     Port18:DONE     Port19:DONE     Port20:DONE  
Port21:DONE     Port22:DONE     Port23:DONE     Port24:DONE  
Port25:DONE     Port26:DONE     Port27:DONE     Port28:DONE  
Port29:DONE     Port30:DONE     Port31:DONE     Port32:DONE  
Port33:DONE     Port34:DONE     Port35:DONE     Port36:DONE  
Port37:DONE     Port38:DONE     Port39:DONE     Port40:DONE  
Port41:DONE     Port42:DONE     Port43:DONE     Port44:DONE  
Port45:DONE     Port46:DONE     Port47:DONE     Port48:DONE
```

```
Slot 0/1:
```

```
XPIF Version      : 0          CAM size: 128 KB
```

```
Ucode Version     : 1.0
```

```
Ucode Image      : XPIF_UCODE_RUNTIME
```

```
Port Phy Setup
```

```
Port49:DONE      Port50:DONE
```

```
IDPROM Contents
```

```
FRU Type          : 0x0.0x0  
OEM String        : Cisco_Systems  
Product Number  : WS-C2948G-L3  
Serial Number   : FOX05330ADH  
Mfg. Assembly No. : 73-4083-07  
Mfg. Assembly Ver. : A0  
Hardware Version   : 1.7  
FPGA Version       : 0  
SNMP IOD           : 9.5.1.3.1.1.2.275  
RMA Code           : 0  
Feature Bits       : 0x00000000  
MAC Address Base   : 00:07:85:07:DC:00  
Total MAC Addrs.  : 1024
```

Catalyst 8510/8540

Use the **show hardware** command to determine the chassis serial number. Look for the Backplane serial number, as in this example:

```
8510#show hardware
```

```
C8510 named 8510, Date: 03:56:23 UTC Wed Jan 12 2000
```

Slot	Ctrlr-Type	Part No.	Rev	Ser No	Mfg Date	RMA No.	Hw Vrs	Tst	EEP
4/*	Route Proc	73-3775-04	A0	0322249G	Oct 01 99	0	5.7		
5/*	Switch Card	73-3327-07	B0	031111F4	Mar 14 99	0	7.2		
7/*	Switch Card	73-3327-07	B0	03151G44	May 22 99	0	7.2		

```
DS1201 Backplane EEPROM:
```

Model	Ver.	Serial	MAC-Address	MAC-Size	RMA	RMA-Number	MFG-Date
C8510	2	68011735	0010073D2600	1024	0	0	Jun 02 1998

```
Power Supply:
```

Slot	Part No.	Rev	Serial No.	RMA No.	Hw Vrs	Power Consumption
0	34-0829-02	A000	APQ0237002Q	00-00-00-00	1.0	2746 cA

Related Information

- [Cisco Product Identification Tool](#)  (registered customers only)
- [LAN Product Support Pages](#)
- [LAN Switching Support Page](#)
- [Technical Support & Documentation – Cisco Systems](#)

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