

# Determine el número de serie de los componentes del switch Catalyst

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## Introducción

Este documento describe cómo determinar los números de serie de varios componentes reemplazables en los switches Cisco Catalyst.

## Prerequisites

### Requirements

No hay requisitos específicos para este documento.

### Componentes Utilizados

La información que contiene este documento se basa en las siguientes versiones de software y hardware.

- Varios switches Catalyst
- Diversas versiones de software

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si tiene una red en vivo, asegúrese de entender el posible impacto de cualquier comando.

## Convenciones


Consulte [Convenciones de Consejos Técnicos Cisco para obtener más información sobre las convenciones del documento.](#)

## Antecedentes

Los números de serie son necesarios para crear una base de datos de los componentes de la red. Cuando crea una solicitud de servicio con el Soporte técnico de Cisco, debe tener a mano el número de serie de los dispositivos afectados. Este requisito es especialmente necesario si se requiere una pieza de repuesto, o una Autorización de devolución de materiales (RMA).

El número de serie de los switches Cisco Catalyst no se puede modificar. Con fines de administración, puede configurar los switches Cisco Catalyst que ejecutan el software Cisco IOS® para que devuelvan una cadena personalizada. Para crear una cadena personalizada, ejecute el comando `snmp-server chassis-id` en el modo de configuración global.

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 Nota: Para obtener información específica sobre los comandos show, vea [Comandos Show](#).

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## Catalyst 6500

Para determinar el número de serie para el chasis y otros componentes, ejecute el `show idprom` comando:

```
<#root>
```

```
6506#
```

```
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>
```




```
-----  
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
```

---

 Nota: Utilice el `show diagbus` comando para determinar el número de serie de adaptadores de puerto en el módulo Flex WAN.

---

## Catalyst 4500

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

Para determinar el número de serie del chasis y otros componentes, utilice el comando `show idprom`:

```
<#root>
```

```
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
```

Para obtener el número de serie del chasis, utilice el `show idprom chassis` comando:

```
<#root>
```

```
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 = 0.0.0.0.0.0.0.0  
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

Para obtener el número de serie de la fuente de alimentación, utilice show idprom power-supply {1 | 2} comando:

<#root>

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
```

Para obtener el número de serie del módulo, utilice el comando `show idprom module slot <slot number>`. Alternativamente, puede utilizar el comando `show module`:

```
<#root>
```

```
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

Utilice el comando `show version` para determinar el número de serie del chasis y el tipo de modelo de switch, como se muestra en el ejemplo siguiente. Encontrará toda la información sobre los miembros de la pila del switch, el chasis y el número de serie en el resultado:

```
<#root>
```

```
3750#
```

```
show version
```

```
Cisco Internetwork Operating System Software
Cisco 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-HB00T-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 bytes 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

Para determinar el número de serie del chasis y el tipo de modelo de switch, utilice el comando show version:

```
<#root>
```

```
3560#
```

```
show version
```

```
Cisco Internetwork Operating System Software  
Cisco IOS (tm) C3560 Software (C3560-I5-M), Version 12.1(19)EA1c, RELEASE SOFTWARE (fc2)  
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-HB00T-M) Version 12.1(19r)EA1b, RELEASE SOFTWARE (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 bytes 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

Para determinar el número de serie del chasis y el tipo de modelo de switch, utilice el comando show version:

```
<#root>
```

```
Cat3550#
```

```
show version
```

```
Cisco Internetwork Operating System Software  
Cisco 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

Para determinar el número de serie del chasis y el tipo de modelo de switch, utilice el `show version` comando:

```
<#root>
```

```
Cat2950#
```

```
show version
```

```
Cisco Internetwork Operating System Software  
Cisco 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

Para determinar el número de serie del chasis y el tipo de modelo de switch, utilice el `show version` comando:

```
<#root>
```

```
Switch#
```

```
show version
```

```
Cisco Internetwork Operating System Software
Cisco 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

Para determinar el número de serie del chasis, utilice el `show hardware` comando:

<#root>

2948g-13#

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 Adrs. : 1024

# Catalyst 9000

Para determinar el número de serie del chasis, utilice el comando show version. Alternativamente, puede utilizar el comando show module para mostrar un resultado más pequeño:

```
<#root>
```

```
C9300#
```

```
show version
```

```
Cisco IOS XE Software, Version 17.06.04  
Cisco IOS Software [Bengaluru], Catalyst L3 Switch Software (CAT9K_IOSXE), Version 17.6.4, RELEASE SOFTWARE  
Technical Support: http://www.cisco.com/techsupport  
Copyright (c) 1986-2022 by Cisco Systems, Inc.  
Compiled Sun 14-Aug-22 08:58 by mcpre
```

```
Cisco IOS-XE software, Copyright (c) 2005-2022 by cisco Systems, Inc.  
All rights reserved. Certain components of Cisco IOS-XE software are  
licensed under the GNU General Public License ("GPL") Version 2.0. The  
software code licensed under GPL Version 2.0 is free software that comes  
with ABSOLUTELY NO WARRANTY. You can redistribute and/or modify such  
GPL code under the terms of GPL Version 2.0. For more details, see the  
documentation or "License Notice" file accompanying the IOS-XE software,  
or the applicable URL provided on the flyer accompanying the IOS-XE  
software.
```

```
ROM: IOS-XE ROMMON
```

```
BOOTLDR: System Bootstrap, Version 17.8.1r[FC2], RELEASE SOFTWARE (P)
```

```
C9300 uptime is 1 week, 2 days, 17 hours, 51 minutes  
Uptime for this control processor is 1 week, 2 days, 17 hours, 54 minutes  
System returned to ROM by Reload Command at 07:14:20 jst Wed Aug 2 2023  
System restarted at 07:29:56 jst Wed Aug 2 2023  
System image file is "flash:packages.conf"  
Last reload reason: Reload Command
```

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:  
<http://www.cisco.com/ww1/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to [export@cisco.com](mailto:export@cisco.com).

Technology Package License Information:

```

-----
Technology-package                               Technology-package
Current                                           Next reboot
-----
network-advantage      Smart License          network-advantage
dna-advantage          Subscription Smart License      dna-advantage
AIR License Level: AIR DNA Advantage
Next reload AIR license Level: AIR DNA Advantage
  
```

Smart Licensing Status: Registration Not Applicable/Not Applicable

cisco C9300-24UX (X86) processor with 1317097K/6147K bytes of memory.  
 Processor board ID FJC2325E0HB  
 5 Virtual Ethernet interfaces  
 8 Gigabit Ethernet interfaces  
 64 Ten Gigabit Ethernet interfaces  
 4 TwentyFive Gigabit Ethernet interfaces  
 4 Forty Gigabit Ethernet interfaces  
 2048K bytes of non-volatile configuration memory.  
 8388608K bytes of physical memory.  
 1638400K bytes of Crash Files at crashinfo:.  
 11264000K bytes of Flash at flash:.

```

Base Ethernet MAC Address      : c4:c6:03:9a:bd:80
Motherboard Assembly Number   : 73-18276-03
Motherboard Serial Number     : FJZ23210BTF
Model Revision Number         : D0
Motherboard Revision Number   : B0
  
```

Model Number : C9300-24UX

System Serial Number : FJC2325E0HB

CLEI Code Number :

Switch	Ports	Model	SW Version	SW Image	Mode
*	1 41	C9300-24UX	17.06.04	CAT9K_IOSXE	INSTALL

C9300#

show module

Switch	Ports	Model	Serial No.	MAC address	Hw Ver.	Sw Ver.
1	41					

C9300-24UX

FJC2325E0HB

```

c4c6.039a.bd80 V02          17.06.04
  
```

## Información Relacionada

- [Comandos show](#)
- [Soporte técnico y descargas de Cisco](#)

## Acerca de esta traducción

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