

تالوحم تانوكمل يلسلسلتا مقررلا دي دحت Catalyst

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عمدقملا

ةلباقلا ةفلتخملا تانوكمل لة يلسلسلتا مقررالا دي دحت ةيفيك دن تسملا اذه حضوي
Cisco Catalyst switches تالوحم يلع لادبتسالا

ةيساسألا تابلطتملا

تابلطتملا

دنتسملا اذهل ةصاخ تابلطتم دجوت ال

عمدختسملا تانوكمل

ةيلالتلا ةيداملا تانوكمل او جماربلا تارادصا | ل | دن تسملا اذه يف ةدراولا تامولعملا دن تست

- ةددعتملا Catalyst تالوحم
- ةعونتم جمارب تارادصا |

ةصاخ ةي لم عم ةئيب ي ف ةدوجوملا ةزهجالا نم دنتسملا اذه ي ف ةدراولما تامولعملما عاشنإ م تناك اذا .(يضا رتفا) حوسمم نيوكتب دنتسملا اذه ي ف ةمدختسُملا ةزهجالا عيمج تادب رما يأل لم تحملا ريثأتلل كمهف نم دكأتف ،ليغشتلا دي قكتك ب ش

تاحالطصا

[تاحالطصا لوح تامولعملما نم ديزم يلع لوصحلل ةينقتلا Cisco تاحيملت تاحالطصا](#) عجار [تادنتسملما](#)

ةيساسأ تامولعملما

موقت ام دنع .ةكبشلا ي ف ءازجالا تانايب ةدعاق عاشنإ ةي رورض ةيلسلسلا ماقراأل ةزهجالا يلسلسلا مقررلا كي دل نوكي نأ بجي ،[ينقتلا Cisco معد](#) عم ةمدخ بلط عاشناب وأ ليدب عزج يلا جاتحت ام دنع صاخ لكش ب لالحا وه بلطتملا اذه .لوانتملا ي ف ةرثأتملا (RMA) ةعجرتسملا داوملا صيخرت

لكنكمي ،ةرادإلا ضارغأل Cisco Catalyst switches تالوحملا يلسلسلا مقررلا لي دعت نكمي ال ةلسلس اعجالا Cisco IOS® جم انربب لمعت ي تلا Cisco Catalyst switches تالوحم نيوكت عضو ي ف snmp-server chassis-id رمالا رادصاب مق ،ةصصخم ةلسلس عاشنإ .ةصصخم ماعلا نيوكتلا



[رماوأل راهظا](#) عجار ،ضرعلا رماوأل لوح ةدحم تامولعملما يلع لوصحلل :ةظحالم

Catalyst 6500

show idprom : رادصاب مق ،يخال تانوكملاو لكيلهلا يلسلسلا مقررلا دي دحتل

```
<#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>
```

show idprom backplane: رما رادصاب مق ،لكيلهلا يلسلسلا مقررلا يلع لوصحلل

<#root>

6506#

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

show idprom module slot <slot number>. show module: رادصإ م ق ،ةي طمنلا ةدحولل يسلسلستلا مقرلا لىل ع لوصحلل
رادصإ م ق ،ةي طمنلا ةدحولل يسلسلستلا مقرلا لىل ع لوصحلل

<#root>

6506#

show module

Mod	Ports	Card Type	Model
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

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

show idprom power supply {1 |
رمال 2}:
ةقاطال ردصم ليلس لس لتال مقرلا دلع لوصحلل

<#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
```

show idprom module slot <slot number>. لإدخال رقم المدخل، اكتب show module: `<slot number>`.

<#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

وهو أمر، لإظهار إصدار البرنامج، اكتب show version. لإدخال رقم المدخل، اكتب show version <slot number>. لإدخال رقم المدخل، اكتب show version <slot number>.

<#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-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 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

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

show version: مداخل، لوح المزارط وعونو ل كيه لل يسلس لس لتال مقررلا ديحتل

```
<#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

م دختسأ ، ل و ح م ل ا ز ا ر ط ع و ن و ل ك ي ه ل ل ي ل س ل س ل س ت ل ل م ق ر ل ا د ي د ح ت ل show version :

<#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

مَدْخَتْ سَأْ، لَوْحْمَلَا زَارِطْ عَوْنِو لِكِيَهَلَلْ يِلْسَلْسَلْتَلَا مَقْرَلَا دِي دَحْتَلْ show version :

<#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

2948g-I3/4908g-I3/4980g-I3 ةزاف ح ةدام

مدخلتسأ، لككهلل لسلسلستلا مقرلا ديحتل show hardware :

<#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_CC1k.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

لنكنكم مي، كلذ نم الدب. show version رمألا مدختسأ، لكيهلل يسلسلسلتلا مقرلا ديحتل
رغصأ تاجرخم ضرعل show module رمألا مادختسأ:

<#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 (FC2)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2022 by Cisco Systems, Inc.
Compiled Sun 14-Aug-22 08:58 by mcpre

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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/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to export@cisco.com.

Technology Package License Information:

```
-----  
Technology-package           Technology-package  
Current                       Type                       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

ةلص تاذا تامولعم

- [رماوألراهاظا](#)
- [نم تااليزنتلا او ينقتلا معدلا Cisco](#)

ةمچرتل هذه لوج

ةللأل تاي نقتل نمة ومة م ادخت ساب دن تسمل اذة Cisco ت مچرت
ملاعلاء انء مچ م ف ن م دخت تسمل معد و ت م م دقت ل ة يرش ب ل و
امك ة ق ق د ن و ك ت ن ل ة ل آل ة مچرت ل ض ف أن ة ظ حال م چ ر ة . ة ص ا خ ل م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت م م مچرت م ا م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا م ل ا ح ل ا و ه
ل ا ا م ا د ا د و چ ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص أ ل ا ي ز ي ل چ ن ا ل ا دن تسمل ا