



Finding the Switch Inventory

Knowing your switch model and serial numbers can help TAC support with troubleshooting your fabric. This section explains how to find the switch model and serial numbers using the Cisco APIC GUI, CLI, and REST API.

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Finding Your Switch Inventory Using the GUI

This section explains how to find your switch model and serial numbers using the Cisco APIC GUI.

Before you begin

You must have access to the Cisco APIC GUI

-
- Step 1** On the menu bar, choose **Fabric > Inventory**.
 - Step 2** In the navigation pane, click a **Pod** icon.
Your switch icons appear in the navigation pane.
 - Step 3** In the navigation pane, click on a switch icon.
A list of tabs appears at the top of the work pane.
 - Step 4** Click the **General** tab.
Your switch information appears in the work pane.
-

Finding Your Switch Inventory Using the NX-OS CLI

This section explains how to find your switch model and serial numbers using the NX-OS CLI.

Find your switch inventory as follows:

Example:

```

switch# show hardware
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
Documents: http://www.cisco.com/en/US/products/ps9372/tsd_products_support_series_home.html
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license. Certain components of this software are licensed under
the GNU General Public License (GPL) version 2.0 or the GNU
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such license is available at
http://www.opensource.org/licenses/gpl-2.0.php and
http://www.opensource.org/licenses/lgpl-2.1.php

```

Software

```

BIOS:          version 07.56
kickstart:     version 12.1(1h) [build 12.1(1h)]
system:        version 12.1(1h) [build 12.1(1h)]
PE:            version 2.1(1h)
BIOS compile time:      06/08/2016
kickstart image file is: /bootflash/aci-n9000-dk9.12.1.1h.bin
kickstart compile time: 10/01/2016 20:10:40 [10/01/2016 20:10:40]
system image file is:   /bootflash/auto-s
system compile time:    10/01/2016 20:10:40 [10/01/2016 20:10:40]

```

Hardware

```

cisco N9K-C93180YC-EX ("supervisor")
  Intel(R) Xeon(R) CPU @ 1.80GHz with 16400384 kB of memory.
  Processor Board ID FDO20101H1W

```

```

Device name: ifav41-leaf204
bootflash:   62522368 kB

```

Kernel uptime is 02 day(s), 21 hour(s), 42 minute(s), 31 second(s)

Last reset at 241000 usecs after Sun Oct 02 01:27:25 2016

```

Reason: reset-by-installer
System version: 12.1(1e)
Service: Upgrade

```

plugin

```

Core Plugin, Ethernet Plugin
-----

```

Switch hardware ID information

```

-----
Switch is booted up
Switch type is : Nexus C93180YC-EX Chassis
Model number is N9K-C93180YC-EX
H/W version is 0.2010
Part Number is 73-15298-01
Part Revision is 1
Manufacture Date is Year 20 Week 10
Serial number is FDO20101H1W
CLEI code is 73-15298-01

```

```

-----
Chassis has one slot
-----

```

Module1 ok

```

Module type is : 48x10/25G
1 submodules are present

```

```

Model number is N9K-C93180YC-EX
H/W version is 0.2110
Part Number is 73-17776-02
Part Revision is 11
Manufacture Date is Year 20 Week 10
Serial number is FDO20101H1W
CLEI code is 73-17776-02

```

```

GEM ok
Module type is : 6x40/100G Switch
1 submodules are present
Model number is N9K-C93180YC-EX
H/W version is 0.2110
Part Number is 73-17776-02
Part Revision is 11
Manufacture Date is Year 20 Week 10
Serial number is FDO20101H1W
CLEI code is 73-17776-02

```

```

-----
Chassis has 2 PowerSupply Slots
-----

```

```

PS1 shut
Power supply type is : 54.000000W 220v AC
Model number is NXA-PAC-650W-PE
H/W version is 0.0
Part Number is 341-0729-01
Part Revision is A0
Manufacture Date is Year 19 Week 50
Serial number is LIT19500ZEK
CLEI code is 341-0729-01

```

```

PS2 ok
Power supply type is : 54.000000W 220v AC
Model number is NXA-PAC-650W-PE
H/W version is 0.0
Part Number is 341-0729-01
Part Revision is A0
Manufacture Date is Year 19 Week 50
Serial number is LIT19500ZEA
CLEI code is 341-0729-01

```

```

-----
Chassis has 4 Fans
-----

```

```

FT1 ok

```

```

Fan1(sys_fan1) (fan_model:NXA-FAN-30CFM-F)
is not available

```

```
is inserted but info
```

```

FT2 ok

```

```

Fan2(sys_fan2) (fan_model:NXA-FAN-30CFM-F)
is not available

```

```
is inserted but info
```

```

FT3 ok

```

```

Fan3(sys_fan3) (fan_model:NXA-FAN-30CFM-F)
is not available

```

```
is inserted but info
```

```

FT4 ok

```

```
Fan4(sys_fan4) (fan_model:NXA-FAN-30CFM-F) is inserted but info
is not available
```

```
=====
```

Finding Your Switch Inventory Using the REST API

This section explains how to find your switch model and serial numbers using the REST API

Find your switch inventory as follows:

Example:

```
GET
https://192.0.20.123/api/node/mo/topology/pod-1.json?query-target=children&target-subtree-class=fabricNode
```

The following response is returned:

```
response:
{
  "totalCount":"8",
  "imdata":
  [{
    "fabricNode":{
      "attributes":{
        "adSt":"on",
        "childAction":"",
        "delayedHeartbeat":"no",
        "dn":"topology/pod-1/node-103",
        "fabricSt":"active",
        "id":"103",
        "lcOwn":"local",
        "modTs":"2016-10-08T14:49:35.665+00:00",
        "model":"N9K-C9396PX",
        "monPolDn":"uni/fabric/monfab-default",
        "name":"leaf3",
        "nameAlias":"",
        "role":"leaf",
        "serial":"TEP-1-103",
        "status":"","uid":"0",
        "vendor":"Cisco Systems, Inc",
        "version":""}
    },
    "fabricNode":{
      "attributes":{
        "adSt":"on",
        "childAction":"",
        "delayedHeartbeat":"no",
        "dn":"topology/pod-1/node-105",
        "fabricSt":"active",
        "id":"105",
        "lcOwn":"local",
        "modTs":"2016-10-08T14:47:52.011+00:00",
        "model":"N9K-C9508",
        "monPolDn":"uni/fabric/monfab-default",
```

```
    "name":"spine2",
    "nameAlias":"","
    "role":"spine",
    "serial":"TEP-1-105","status":"","
    "uid":"0",
    "vendor":"Cisco Systems, Inc",
    "version":""
    ...
  [TRUNCATED]
  ...
}
```
