**x**

**版本 V1.0**

**密级** 🞎开放 🗹内部 🞎机密

**类型** 🗹讨论版 🞎测试版 🞎正式版

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **修订记录** | | | | |
| **修订日期** | **修订人** | **版本号** | **审核人** | **修订说明** |
| **2021/6/** | **Jacob** |  |  |  |
|  |  |  |  |  |

# 背景

## 查看型号PID和SN

DCA\_AA\_FA02\_ASF01# sh inventory

NAME: "Chassis", DESCR: "Nexus9000 C92160YC-X chassis"

PID: N9K-C92160YC-X , VID: V02 , SN: FDO2209252T

NAME: "Slot 1", DESCR: "48x10/25G+(4x40G+2x100G or 4x100G) Eth Mod"

PID: N9K-C92160YC-X , VID: V02 , SN: FDO2209252T

NAME: "Power Supply 1", DESCR: "Nexus9000 C92160YC-X chassis Power Supply"

PID: NXA-PAC-650W-PE , VID: V02 , SN: DCC214840U6

NAME: "Power Supply 2", DESCR: "Nexus9000 C92160YC-X chassis Power Supply"

PID: NXA-PAC-650W-PE , VID: V02 , SN: DCC214840UL

NAME: "Fan 1", DESCR: "Nexus9000 C92160YC-X chassis Fan Module"

PID: NXA-FAN-30CFM-F , VID: V01 , SN: N/A

NAME: "Fan 2", DESCR: "Nexus9000 C92160YC-X chassis Fan Module"

PID: NXA-FAN-30CFM-F , VID: V01 , SN: N/A

NAME: "Fan 3", DESCR: "Nexus9000 C92160YC-X chassis Fan Module"

PID: NXA-FAN-30CFM-F , VID: V01 , SN: N/A

NAME: "Fan 4", DESCR: "Nexus9000 C92160YC-X chassis Fan Module"

PID: NXA-FAN-30CFM-F , VID: V01 , SN: N/A

## 系统运行时间

DCA\_AA\_FA02\_ASF01# show system uptime

System start time: Sun Apr 22 18:42:30 2018

System uptime: 1142 days, 0 hours, 44 minutes, 3 seconds

Kernel uptime: 1142 days, 0 hours, 45 minutes, 53 seconds

## 软件版本

DCA\_AA\_FA02\_ASF01# sh version

Cisco Nexus Operating System (NX-OS) Software

TAC support: http://www.cisco.com/tac

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Software

BIOS: version 07.50

NXOS: version 7.0(3)I3(1)

BIOS compile time: 01/22/2016

NXOS image file is: bootflash:///nxos.7.0.3.I3.1.bin

NXOS compile time: 2/8/2016 20:00:00 [02/08/2016 21:18:17]

Hardware

cisco Nexus9000 C92160YC-X chassis

Intel(R) Core(TM) i3- CPU @ 2.50GHz with 16401876 kB of memory.

Processor Board ID FDO2209252T

Device name: DCA\_AA\_FA02\_ASF01

bootflash: 53298520 kB

Kernel uptime is 1142 day(s), 0 hour(s), 45 minute(s), 59 second(s)

Last reset

Reason: Unknown

System version: 7.0(3)I3(1)

Service:

plugin

Core Plugin, Ethernet Plugin

Active Package(s):

## Hostname

DCA\_AA\_FA02\_ASF01# show hostname

DCA\_AA\_FA02\_ASF01

## Cpu usage

DCA\_AA\_FA02\_ASF01# show processes cpu | in til

CPU util : 1.26% user, 2.27% kernel, 96.45% idle

DCA\_AA\_FA02\_ASF01#

## 电源，风扇状态

DCA\_AA\_FA02\_ASF01# SH ENV

Power Supply:

Voltage: 12 Volts

Power Actual Actual Total

Supply Model Output Input Capacity Status

(Watts ) (Watts ) (Watts )

------- ------------------- ---------- ---------- ---------- --------------

1 NXA-PAC-650W-PE 73 W 81 W 650 W Ok

2 NXA-PAC-650W-PE 75 W 82 W 650 W Ok

Power Usage Summary:

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Power Supply redundancy mode (configured) PS-Redundant

Power Supply redundancy mode (operational) PS-Redundant

Total Power Capacity (based on configured mode) 650.00 W

Total Grid-A (first half of PS slots) Power Capacity 650.00 W

Total Grid-B (second half of PS slots) Power Capacity 650.00 W

Total Power of all Inputs (cumulative) 1300.00 W

Total Power Output (actual draw) 149.00 W

Total Power Input (actual draw) 164.00 W

Total Power Allocated (budget) N/A

Total Power Available for additional modules N/A

Fan:

---------------------------------------------------------------------------

Fan Model Hw Direction Status

---------------------------------------------------------------------------

Fan1(sys\_fan1) NXA-FAN-30CFM-F -- back-to-front Ok

Fan2(sys\_fan2) NXA-FAN-30CFM-F -- back-to-front Ok

Fan3(sys\_fan3) NXA-FAN-30CFM-F -- back-to-front Ok

Fan4(sys\_fan4) NXA-FAN-30CFM-F -- back-to-front Ok

Fan\_in\_PS1 -- -- back-to-front Ok

Fan\_in\_PS2 -- -- back-to-front Ok

Fan Zone Speed: Zone 1: 0xbf

Fan Air Filter : NotSupported

Temperature:

--------------------------------------------------------------------

Module Sensor MajorThresh MinorThres CurTemp Status

(Celsius) (Celsius) (Celsius)

--------------------------------------------------------------------

1 Intake 90 80 31 Ok

1 Exhaust 70 42 30 Ok

1 CPU 100 90 50 Ok

1 Davos 110 90 48 Ok