

Commands to Identify Modular Components, Software and Licenses

Below is a list of the commands for most Cisco product families. The information contained within the output file allows Curvature to assess NetSure eligibility, identify modular component PID and serial number detail, and ensure adequate sparing levels.

Please run all applicable commands and return the output file in **.txt format**. Contact your Curvature Account Executive with any questions.

Routers

800, 1800, 2691, 2800, 3700, 3800 Series Routers

show version (IDs IOS version and featureset installed)

show inventory (IDs installed modules)

1700, 2600, 2600XM, 3600 Series Routers

show version (IDs IOS version and featureset installed)

show diag (IDs installed cards; 'show inventory' does not always work or is available with these devices)

Physical Inspection for Chassis S/N

1900/2900/3900/ISR4000 Series Routers

show version (IDs IOS version and license keys installed)

show inventory (IDs installed modules)

7200 Series Routers

show version (IDs IOS version and featureset installed, also provides NPE part ID)

show diag (IDs installed cards; 'show inventory' does not always work or is available with these devices)

show c7200 (Provides NPE serial number; also IDs NPE in some cases)

show environment all (IDs installed power supplies)

Physical inspection for chassis S/N

7500 Series Routers

show version (IDs IOS version and featureset)

show diag (IDs installed cards; 'show inventory' does not always work or is available with these devices)

show environment all (IDs installed power supplies)

7600 Series Routers

show module (IDs installed cards; provides system health)

show inventory (IDs chassis, power, fans, with SN; also provides installed linecards)

ASR1001, ASR1002-X Series Routers

show version (IDs license keys installed)

show inventory (IDs installed modules)

ASR1002 & Up Routers

show version (IDs IOS version and featureset installed)

show inventory (IDs installed modules)

GSR

show diags detail (IDs installed cards and memory; 'show inventory' does not ID older cards well, nor does it provide memory stats)

show inventory (IDs system power and other chassis components)

Switches

Small Switches (2900XL, 3500XL, 2950, 2960, 3550, 3560, 3750), Excluding X Models

show version (IDs system part and SN)

Note that for most cases, all we need is SN and part ID. This output is only really needed for customers who cannot ID their hardware.

WS-C2960X / WS-C2960XR / WS-C3560X / WS-C3650 / WS-C3750X / WS-C3750E / WS-C3850

show version (IDs system part and SN)

show inventory (IDs installed uplink module and if a second power supply is installed)

Cat4000 with CatOS, 2948G, 2948G-GE-TX

show version

show module

show environment all

Cat4000/4500 with IOS, Cat4900

show module (IDs installed cards; provides system health)

show inventory (IDs chassis, power, fans, with SN; also provides installed linecards)

Cat6500 with CatOS

show version

show module

show environment all

Cat6500 with IOS

show module (IDs installed cards; provides system health)

show inventory (IDs chassis, power, fans, with SN; also provides installed linecards)

Nexus 2000/3000/5000

show module (system health check and IDs installed expansion cards)

show inventory (this also IDs any attached N2k extenders)

show license usage (shows any installed license keys)

MDS Switches (DS-C912X / DS-C914X)

show inventory (IDs system part and SN)

show license usage (shows any installed license keys)

Wireless

AIR-WLC and AIR-CT Controllers

show inventory (IDs chassis, number of power supplies, and serial)

show license all (IDs the license level applied to the unit)

Access Points (AIR-AP, AIR-LAP, AIR-BR, AIR-CAP and AIR-SAP)

show version

Security

PIX / ASA / WS-SVC-ASA / WS-SVC-FWM

show version (shows memory, software version and any license keys installed)

show inventory (Identifies chassis and serials)

For failover pair please use the following commands in place of 'show inventory'

failover exec active sh inv (shows parts and serials of primary ASA)

failover exec standby sh inv (shows parts and serials of standby ASA)

CVPN

All

Monitoring (3)-> System status (3)

Monitoring (3)-> System status (3)-> View LED Status (3)

Monitoring (3)-> System status (3)-> View Memory Status (4)

CVPN 3020, 3030, 3060, 3080

Monitoring (3)-> System status (3)-> View Card Status (2)->
Card in Slot 1 (1)

And repeat for all installed SEP cards (use the output of the LED Status to determine what slots are in use)