



CHAPTER 6

Show Commands

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This chapter contains the following **show** commands:

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show account

show account

Syntax Description	None
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Command Modes	Admin Command privilege level: 4 Allowed during upgrade: Yes
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Command History	Release	Modifications
	1.2	The command was first introduced.

Usage Guidelines	This command lists current administrator accounts, except the master administrator account.
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Examples	admin: show account
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Related Commands	Command	Description

show firewall list

show firewall list [**detail**] [**page**] [**file** *filename*]

Syntax Description

detail	Displays detailed statistics on every available device on the system.
page	Displays the output one page at a time.
file <i>filename</i>	Outputs the information to a file.

Command Modes

Admin
Command privilege level: 1
Allowed during upgrade: Yes

Command History

Release	Modifications
1.2	The command was first documented.

Usage Guidelines

This command displays system aspects of the server.



Note The file option saves the information to `platform/cli/filename.txt`. Ensure the file name does not contain the “.” character.

Examples

admin:**show firewall list** [**detail**] [**page**] [**file** *filename*]

Related Commands

Command	Description
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show hardware

show hardware

Syntax Description	detail	Display more detailed call statistics.
	page	Pauses output after one page of call statistics.

Command Modes	Admin
	Command privilege level: 0
	Allowed during upgrade: Yes

Command History	Release	Modifications
	1.2	The command was first documented.

Usage Guidelines	This command displays the following information on the platform hardware: - Platform - Serial number - BIOS build level - BIOS manufacturer - Active processors - RAID controller status
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Examples	<code>admin:show hardware</code>
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Related Commands	Command	Description

show logins

show logins *number*

Syntax Description	<i>number</i>	Specifies the number of most recent logins to display. The default equals 20.
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Command Modes	Admin Command privilege level: 1
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Command History	Release	Modifications
	1.2	The command was first documented.

Usage Guidelines	This command lists recent logins to the server
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Examples	admin: show logins
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Related Commands	Command	Description

show myself

show myself

Syntax Description

None

Command Modes

Admin

Command privilege level: 0

Allowed during upgrade: Yes

Command History

Release	Modifications
1.2	The command was first documented.

Usage Guidelines

This command displays information about the current account

Examples

```
admin:show myself
Your account name is      : test
Your privilege level is   : 1
```

Related Commands

Command	Description

show network

show network

cluster

eth0 [detail]

failover [detail] [page]

route [detail]

status [detail] [listen] [process] [all] [nodns] [search stext]

ip_conntrack

max_ip_conntrack

dhcp eth0 status

all [detail]

Options

- **detail**—Displays additional information.
- **page**—Displays information 1 page at a time.
- **listen**—Displays only listening sockets
- **process**—Displays the process ID and name of the program to which each socket belongs.
- **all**—Displays both listening and nonlistening sockets.
- **nodns**—Displays numerical addresses without any DNS information.
- **search stext**—Searches for the text in the output.

Syntax Description

cluster	Displays a list of the nodes in the network cluster
eth0	Specifies Ethernet 0
failover	Specifies Network Fault Tolerance information
route	Specifies network routing information.
status	Specifies active Internet connections.
ip_conntrack	Specifies ip_conntrack usage information.
max_ip_conntrack	Specifies max_ip_conntrack information.
dhcp eth0 status	Displays DHCP status information.
all	Specifies all basic network information.

Command Modes

Admin

Command privilege level: 0

Allowed during upgrade: Yes

Command History

Release	Modification
1.2	This command was first documented.

Usage Guidelines

This command displays network information.
Use this command to retrieve the status of the call.

Examples

This example displays active Internet connections.

```
admin: show network eth0
Ethernet 0
DHCP      : no                Status      : UP
IP Address : 192.0.2.0 IP Mask   : 255.255.255.000
Link Detected: yes            Mode        : Auto off, Full, 100MB/s

DNS
Primary   : 171.70.168.183      Secondary  :
Domain    : cisco.com
Gateway   : 128.107.140.1 on Ethernet 0
```

show open

show open

files [**all**] [**process** *processID*] [**regex** *reg_exp*]

ports [**all**] [**regex** *reg_exp*]

Options

- **all**—Displays all open files or ports.
- **process**—Displays open files that belong to the specified process.
- *processID*—Specifies a process.
- **regex**—Displays open files or ports that match the specified regular expression.
- *reg_exp*—Represents a regular expression.

Syntax Description

files	Displays open files on the system.
ports	Displays open ports on the system.

Command Modes

Admin
Command privilege level: 1

Command History

Release	Modification
1.2	This command was first documented.

Usage Guidelines

This command displays open files and ports on the system.

Examples

admin:**show open**

show packages

show packages

active *name* [**page**]

inactive *name* [**page**]

Options

- **page**—Displays the output one page at a time

Syntax Description	<i>name</i>	Represents the package name. To display all active or inactive packages, use the wildcard character, *.
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Command Modes	Admin Command privilege level: 0 Allowed during upgrade: Yes
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Command History	<table><tr><th>Release</th><th>Modifications</th></tr><tr><td>1.2</td><td>This command was first documented.</td></tr></table>	Release	Modifications	1.2	This command was first documented.
Release	Modifications				
1.2	This command was first documented.				

Usage Guidelines	This command displays the name and version for installed packages.
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Examples	admin: show packages
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Related Commands	<table><tr><th>Command</th><th>Description</th></tr><tr><td> </td><td> </td></tr></table>	Command	Description		
Command	Description				

show process

show process

list [*file filename*] [*detail*]

load [*cont*] [*clear*] [*noidle*] [*num number*] [*thread*] [*cpu | memory | time*] [*page*]

Options

- **file filename**—Outputs the results to the file that is specified by *filename*
- **detail**—Displays detailed output
- **cont**—Repeats the command continuously
- **clear**—Clears the screen before displaying output
- **noidle**—Ignore the idle/zombie processes
- **num number**—Displays the number of processes that are specified by *number*. The default number of processes equals 10. Set *number* to **all** to display all processes.
- **thread**—Displays threads
- [**cpu | memory | time**]—Sorts output by CPU usage, memory usage, or time usage. The default specifies to sort by CPU usage.
- **page**—Displays the output in pages
- *process*—Specifies the name of a process
- *process-id*—Specifies the process ID number of a process
- *regexp*—Represents a regular expression
- *number*—Specifies the number of processes to display. The default equals 5.

Syntax Description

list	Displays a list of all the processes and critical information about each process and visually indicates the child-parent relationships between the processes.
load	Displays the current load on the system.

Command Modes

Admin
Command privilege level: 1

Command History

Release	Modification
1.2	The command was first documented.

Usage Guidelines

This command displays information about process that is running on the system.

Examples

admin:**show process**

■ show process

Related Commands

Command	Description

show stats io

show stats io [**kilo**] [**detail**] [**page**] [**file** *filename*]

Options

- **kilo**—Displays statistics in kilobytes.
- **detail**—Displays detailed statistics on every available device on the system and overrides the **kilo** option.
- **file** *filename*—Outputs the information to a file.

Syntax Description

None

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modification
1.2	This command was first documented.

Usage Guidelines

This command displays system IO statistics.



Note

The file option saves the information to `platform/cli/filename.txt`. Ensure that the file name does not contain the “.” character.

Examples

admin:**show stats io**

Related Commands

Command	Description

show status

show status

Syntax Description

Command Modes

Admin

Command privilege level: 0

Command History

Release	Modifications
1.2	This command was first documented.

Usage Guidelines

This command displays basic platform status.

This command displays the following basic platform status:

- Host name
- Date
- Time zone
- Locale
- Product version
- Platform version
- CPU usage
- Memory and disk usage

Examples

```
admin:show status
Host Name      : testsys
Date           : Thu Jun 24, 2004 12:55:01
Time Zone      : PDT
Locale         : en_US.UTF-8
Product Ver    : 5.0.1.14-2
Platform Ver   : 2.0.0.0-1

Resources
CPU           Idle: 100.00%   System: 00.00%   User: 00.00%

                Total           Free           Used
Memory          254984K          72964K          182020K
Disk/active      3020140K          1580608K          1286116K (45%)
Disk/inactive    3020172K          2833924K           32828K (2%)
Disk/logging     11290072K          10017808K          698748K (7%)
```


show tech all

show tech all [*page*] [*file filename*]

Syntax Description

page	Displays one page at a time.
file	Outputs the information to a file.

Command Modes

Admin
 Command privilege level: 1
 Allowed during upgrade: Yes

Command History

Release	Modifications
1.2	This command was first documented.

Usage Guidelines

This command displays the combined output of all **show tech** commands.



Note The file option saves the information to platform/cli/*filename*.txt. Ensure that the file name does not contain the “.” character.

Examples

admin:**show tech all** [*page*] [*file filename*]

Related Commands

Command	Description

show tech network

show tech network

all [**page**] [**search** *text*] [**file** *filename*]

hosts [**page**] [**search** *text*] [**file** *filename*]

interfaces [**page**] [**search** *text*] [**file** *filename*]

resolv [**page**] [**search** *text*] [**file** *filename*]

routes [**page**] [**search** *text*] [**file** *filename*]

sockets {**numeric**}

Options

- **page**—Displays one page at a time.
- **search** *text*—Searches the output for the string that *text* specifies. Be aware that the search is case insensitive.
- **file** *filename*—Outputs the information to a file.
- **numeric**—Displays the numerical addresses of the ports instead of determining symbolic hosts. This parameter is equivalent to running the Linux shell command `netstat [-n]` command.

Syntax Description

all	Displays all network tech information.
hosts	Displays information about hosts configuration.
interfaces	Displays information about the network interfaces.
resolv	Displays information about hostname resolution
routes	Displays information about network routes.
sockets	Displays the list of open sockets.

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.2	This command was first documented.

Usage Guidelines

Use this command to show network aspects of the machine. The **file** option saves the information to `platform/cli/filename.txt`.



Note

Ensure that the file name does not contain the “.” character.

 show tech network

Examples

admin:show tech network

Related Commands

Command	Description
show tech runtime	Shows runtime aspects of the machine
show tech system	Shows system aspects of the machine

show tech runtime

show tech runtime

all [**page**] [**file filename**]

cpu [**page**] [**file filename**]

disk [**page**] [**file filename**]

env [**page**] [**file filename**]

memory [**page**] [**file filename**]

Options

- **page**—Displays one page at a time.
- **file filename**—Outputs the information to a file.

Syntax Description

all	Displays all runtime information
cpu	Displays CPU usage information at the time the command is run.
disk	Displays system disk usage information.
env	Displays environment variables.
memory	Displays memory usage information.

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.5	This command was first documented.

Usage Guidelines

Use this command to show runtime aspects of the machine. The **file** option saves the information to platform/cli/*filename.txt*.



Note

Ensure that the file name cannot contain the “.” character.

Examples

admin:**show tech runtime**

Related Commands

Command	Description
show tech network	Shows network aspects of the machine
show tech system	Shows system aspects of the machine

show tech system

show tech system

all [**page**] [**file filename**]

bus [**page**] [**file filename**]

hardware [**page**] [**file filename**]

host [**page**] [**file filename**]

kernel [**page**] [**file filename**]

software [**page**] [**file filename**]

tools [**page**] [**file filename**]

Options

- **page**—Displays one page at a time.
- **file filename**—Outputs the information to a file.

Syntax Description

all	Displays all the system information.
bus	Displays information about the data buses on the server.
hardware	Displays information about the server hardware.
host	Displays information about the server.
kernel	Lists the installed kernel modules.
software	Displays information about the installed software versions.
tools	Displays information about the software tools on the server.

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.2	This command was first introduced.

Usage Guidelines

The **file** option saves the information to `platform/cli/filename.txt`.



Note Ensure that the file name does not contain the “.” character.

Examples

```
admin:show tech system
```

Related Commands	Command	Description
	show tech network	Shows network aspects of the machine
	show tech runtime	Shows runtime aspects of the machine

show timezone

show timezone

config

list [page]

Options

- page**—Displays the output one page at a time.

Syntax Description	config	Displays the current time zone settings.
	list	Displays the available time zones.

Command Modes	Admin
	Command privilege level: 0
	Allowed during upgrade: Yes

Command History	Release	Modifications
	1.2	This command was first documented.

Usage Guidelines	This command displays time zone information.
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Examples	admin: show timezone
	Current timezone: (GMT+10:00) Canberra, Melbourne, Sydney

Related Commands	Command	Description

show version

show version

active

inactive

Syntax Description None

Command Modes Admin
 Command privilege level: 0
 Allowed during upgrade: Yes

Command History	Release	Modifications
	1.2	This command was first documented.

Usage Guidelines Use this command to display the software version on the active or inactive partition.

Examples admin:**show version**

Related Commands	Command	Description

show workingdir

show working dir

Syntax Description	None
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Command Modes	Admin Command privilege level: 0 Allowed during upgrade: Yes
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Command History	<table><tr><th>Release</th><th>Modifications</th></tr><tr><td>1.2</td><td>This command was first documented.</td></tr></table>	Release	Modifications	1.2	This command was first documented.
Release	Modifications				
1.2	This command was first documented.				

Usage Guidelines	This command retrieves the current working directory for activelog, inactivelog, install, and TFTP.
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Examples	admin:show working dir
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Related Commands	<table><tr><th>Command</th><th>Description</th></tr><tr><td> </td><td> </td></tr></table>	Command	Description		
Command	Description				

Related Commands

 `show workingdir`