



CHAPTER 7

Show Commands

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

- [show account](#)
- [show accountlocking](#)
- [show cli pagination](#)
- [show diskusage activelog](#)
- [show diskusage common](#)
- [show diskusage inactive](#)
- [show diskusage install](#)
- [show diskusage tmp](#)
- [show environment](#)
- [show hardware](#)
- [show logins](#)
- [show myself](#)
- [show network](#)
- [show open](#)
- [show packages](#)
- [show process](#)
- [show snmp](#)
- [show stats io](#)
- [show status](#)
- [show syslog facility](#)
- [show syslog heartbeat](#)
- [show syslog timezone](#)
- [show syslog version](#)
- [show tech all](#)
- [show tech network](#)

- [show tech runtime](#)
- [show tech system](#)
- [show timezone](#)
- [show version](#)
- [show workingdir](#)

show account

show account

Syntax Description	None
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Command Modes	Admin
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Command privilege level: 4

Allowed during upgrade: Yes

Command History	<table><tr><th>Release</th><th>Modifications</th></tr><tr><td>1.2</td><td>The command was first introduced.</td></tr></table>	Release	Modifications	1.2	The command was first introduced.
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	<pre>admin:show account Name = test, Privilege = 1</pre>
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show accountlocking

show accountlocking

Syntax Description	None
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Command Modes	Admin Command privilege level: 1 Allowed during upgrade: Yes
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Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modifications</th> </tr> </thead> <tbody> <tr> <td>1.7</td> <td>The command was first introduced.</td> </tr> </tbody> </table>	Release	Modifications	1.7	The command was first introduced.
Release	Modifications				
1.7	The command was first introduced.				

Usage Guidelines	This command shows the current account locking settings.
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Examples	<pre>admin:show accountlocking Account Lockout is enabled and unlock time is set to 300 seconds</pre>
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show cli pagination

show cli pagination

Syntax Description	None
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Command Modes	Admin Command privilege level: 1 Allowed during upgrade: Yes
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Command History	Release	Modifications
	1.7	The command was first introduced.

Usage Guidelines	This command shows the status of automatic pagination.
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Examples	admin: show cli pagination Automatic Pagination : Off.
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show diskusage activelog

show diskusage activelog [*file fname*] [*directory*] [*sort*]

Syntax Description

file <i>fname</i>	Saves output in a file format.
directory	Shows directory sizes only.
sort	Sorts output by size (in 1024-byte blocks).

Command Modes

Admin
 Command privilege level: 1
 Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	The command was first introduced.

Usage Guidelines

This command displays the disk usage of the active log directories, as well as the usage of the disk partition on which they exist.



Note

The saved output file can be viewed using **file view activelog** command.

Examples

```
admin:show diskusage activelog directory
This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)?y
Filesystem                Size  Used Avail Use% Mounted on
/dev/sdb1                 134G   35G   93G   28% /common
1.3M    /var/log/active/mrtg/mrtg.war
1.8M    /var/log/active/mrtg
8.0K    /var/log/active/ctis/tmp
4.0K    /var/log/active/ctis/cdm/logs/statistic
44K     /var/log/active/ctis/cdm/logs
48K     /var/log/active/ctis/cdm
4.0K    /var/log/active/ctis/report
4.0K    /var/log/active/ctis/te/logs/statistic
432K    /var/log/active/ctis/te/logs
436K    /var/log/active/ctis/te
4.0K    /var/log/active/ctis/trace
4.0K    /var/log/active/ctis/clustermgr/logs/statistic
```

show diskusage common

show diskusage common [*file fname*] [*directory*] [*sort*]

file <i>fname</i>	Saves output in a file format.
directory	Shows directory sizes only.
sort	Sorts output by size (in 1024-byte blocks).

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	The command was first introduced.

Usage Guidelines

This command displays the disk usage of the common directories, as well as the usage of the disk partition on which they exist.



Note

The saved output file can be viewed using **file view activelog** command.

Examples

admin:**show diskusage common directory**

This command can take significantly long time, and can also effect the system wide IOWAIT on your system.

Continue (y/n)?y

```
Filesystem                Size  Used Avail Use% Mounted on
/dev/sdb1                  134G   35G   93G   28% /common
863M    /common/rpm-archive/1.7.0.0-693/RPMS
863M    /common/rpm-archive/1.7.0.0-693
40K     /common/rpm-archive/1.7.0.0-711/.security/admin
276K    /common/rpm-archive/1.7.0.0-711/.security/install_file_signing/xml_public_keys
280K    /common/rpm-archive/1.7.0.0-711/.security/install_file_signing
12K     /common/rpm-archive/1.7.0.0-711/.security/pwrecovery
224K    /common/rpm-archive/1.7.0.0-711/.security/tomcat
28K     /common/rpm-archive/1.7.0.0-711/.security/drif
68K     /common/rpm-archive/1.7.0.0-711/.security/system
96K     /common/rpm-archive/1.7.0.0-711/.security/ipsec
16K     /common/rpm-archive/1.7.0.0-711/.security/accounts/ctis/conf
24K     /common/rpm-archive/1.7.0.0-711/.security/accounts/ctis
16K     /common/rpm-archive/1.7.0.0-711/.security/accounts/conf
20K     /common/rpm-archive/1.7.0.0-711/.security/accounts/ccm/conf
```

show diskusage inactivelog

show diskusage inactivelog [*file fname*] [*directory*] [*sort*]

file <i>fname</i>	Saves output in a file format.
directory	Shows directory sizes only.
sort	Sorts output by size (in 1024-byte blocks).

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	The command was first introduced.

Usage Guidelines

This command displays the disk usage of the inactive log directories, as well as the usage of the disk partition on which they exist.



Note

The saved output file can be viewed using **file view inactivelog** command.

Examples

```
admin:show diskusage inactivelog directory
This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)?y
Filesystem              Size  Used Avail Use% Mounted on
/dev/sdb1                134G   35G   93G   28% /common
1.3M    /var/log/inactive/mrtg/mrtg.war
1.5M    /var/log/inactive/mrtg
8.0K    /var/log/inactive/ctis/tmp
4.0K    /var/log/inactive/ctis/cdm/logs/statistic
248K    /var/log/inactive/ctis/cdm/logs
252K    /var/log/inactive/ctis/cdm
8.0K    /var/log/inactive/ctis/report
4.0K    /var/log/inactive/ctis/te/logs/statistic
292K    /var/log/inactive/ctis/te/logs
296K    /var/log/inactive/ctis/te
8.0K    /var/log/inactive/ctis/trace
4.0K    /var/log/inactive/ctis/clustermgr/logs/statistic
```

show diskusage install

show diskusage install [*file fname*] [*directory*] [*sort*]

file <i>fname</i>	Saves output in a file format.
directory	Shows directory sizes only.
sort	Sorts output by size (in 1024-byte blocks).

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	The command was first introduced.

Usage Guidelines

This command displays the disk usage of the install directories, as well as the usage of the disk partition on which they exist.



Note

The saved output file can be viewed using **file view install** command.

Examples

```
admin:show diskusage install directory
This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)?y
Filesystem                Size  Used Avail Use% Mounted on
/dev/sdb1                  134G   35G   93G   28% /common
128K    /var/log/install/hssi_errors
4.0M    /var/log/install/
```

show diskusage tmp

show diskusage tmp [*file fname*] [*directory*] [*sort*]

file <i>fname</i>	Saves output in a file format.
directory	Shows directory sizes only.
sort	Sorts output by size (in 1024-byte blocks).

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	The command was first introduced.

Usage Guidelines

This command displays the disk usage of the temporary directories, as well as the usage of the disk partition on which they exist.



Note

The saved output file can be viewed using **file view activelog** command.

Examples

```
admin:show diskusage tmp directory
This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)?y
Filesystem              Size  Used Avail Use% Mounted on
/dev/sda2                3.9G  2.4G  1.5G  62% /
4.0K      /tmp/hisperfdata_certmgr
4.0K      /tmp/hisperfdata_root
4.0K      /tmp/.ICE-unix
4.0K      /tmp/hssi_errors
4.0K      /tmp/hisperfdata_admin
4.0K      /tmp/hisperfdata_informix
44K      /tmp/
```

show environment

show environment [fans | power-supply | temperatures]

fans	Shows the status of the fan sensors.
power-supply	Shows the status of the power supply for MCS-7845, MCS-7835, MCS-7825H3/H4, and MCS-7816H3 servers models (those with redundant power supplies or embedded health hardware).
temperatures	Shows the status of the temperature sensors.

Command Modes

Admin
 Command privilege level: 1
 Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	The command was first introduced.

Usage Guidelines

This command displays the status of system sensors and the power supply.

Examples

```
admin:show environment fans
(RPMS)
      ID      Current  Non-Critical  Critical
              Threshold  Threshold
Fan Sensor 1   3240     664           664      OK
Fan Sensor 2   3240     664           664      OK
Fan Sensor 3   3300     664           664      OK
Fan Sensor 4   3240     664           664      OK
```

```
admin:show environment power-supply
Power supply #1
  Present   : Yes
Redundant  : No
Condition  : Ok
Hotplug    : Not supported
```

```
admin:show environment temperatures
(Celcius)
      ID      Current  Non-Critical  Critical
              Threshold  Threshold
Temperature Sensor 1   20     79     80     81     85     5
Temperature Sensor 3   24     79     80     81     85     2
Temperature Sensor 4   17     50     51     52     54     4
```

show hardware

show hardware

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 the following information on the platform hardware:

- Platform
- Serial number
- BIOS build level
- BIOS manufacturer
- Active processors
- RAID controller status

Examples

```
admin:show hardware
HW Platform       : 7845I3
Processors        : 1
Type              : Intel(R) Xeon(R) CPU           E5540  @ 2.53GHz
CPU Speed         : 2530
Memory            : 6144 MBytes
Object ID         : 1.3.6.1.4.1.9.1.587
OS Version        : UCOS 4.0.0.0-31
Serial Number     : KQVTBZB

RAID Version      :
Raid firmware version: 11.0.1-0014

BIOS Information  :
IBMCorp. -[D6E128DUS-1.03]- 09/30/2009
```

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	<pre>admin:show logins 3 admin pts/0 128.107.103.52 Wed Oct 13 00:05 still logged in admin pts/1 128.107.103.52 Tue Oct 12 23:19 - 23:54 (00:34) admin pts/1 128.107.103.52 Tue Oct 12 22:42 - 23:13 (00:30)</pre>
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show myself

show myself

Syntax Description

None

Command Modes

Admin

Command privilege level: 0

Allowed during upgrade: Yes

Command History

Release**Modifications**

1.2The command was first documented.

Usage Guidelines

This command displays information about the current account.

Examplesadmin:**show myself**

Your account name is : test

Your privilege level is : 1

show network

show network

cluster

eth0 [detail]

failover [detail] [page]

route [detail]

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

ip_conntrack

ipprefs [all | enabled | public]

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.
ipprefs	Specifies incoming open port information
ip_conntrack	Specifies ip_conntrack usage information.
ipv6 [route settings]	Specifies ipv6 route and settings 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.

The **eth0** parameter displays Ethernet port 0 settings, including DHCP and DNS configurations and options.

Examples

This example displays active Internet connections.

```
admin: show network status
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 localhost:8009          localhost:47637         ESTABLISHED
tcp        0      0 localhost:8009          localhost:47630         ESTABLISHED
tcp        0      0 tsbu-docs-ctm.cisco.com:tsbu_docs_ctm_ctis1_7_0_0_711
tsbu-docs-ctm.cisco.c:47388 ESTABLISHED
tcp        0      0 localhost:8009          localhost:47622         ESTABLISHED
```

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 files all**

Executing.. please wait.

COMMAND	PID	USER	FD	TYPE	DEVICE	SIZE	NODE	NAME
init	1	root	cwd	DIR	8,2	4096	2	/
init	1	root	rtd	DIR	8,2	4096	2	/
init	1	root	txt	REG	8,2	31216	112304	/sbin/init
init	1	root	mem	REG	8,2	1539036	368826	
/lib/tls/libc-2.3.4.so								
init	1	root	mem	REG	8,2	55000	368858	
/lib/libselinux.so.1								
init	1	root	mem	REG	8,2	52400	368869	
/lib/libsepol.so.1								
init	1	root	mem	REG	8,2	110984	368751	/lib/ld-2.3.4.so
init	1	root	10u	FIFO	0,12		1262	/dev/initctl
migration	2	root	cwd	DIR	8,2	4096	2	/
migration	2	root	rtd	DIR	8,2	4096	2	/
migration	2	root	txt	unknown				/proc/

show packages

show packages

active *name* [**page**]

inactive *name* [**page**]

Syntax Description

page	Displays the output one page at a time.
<i>name</i>	Represents the package name. To display all active or inactive packages, use the wildcard character, *.

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 the name and version for installed packages.



Note

The package name given will be used to perform a regular expression match for all possible packages. Use * for all packages.

Examples

```
admin:show packages active jdk
Active Side Package(s): for jdk package(s)
jdk-1.5.0_14-fcs
```

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 different processes that are running on the CTS-Manager system.

Examples

```
admin:show process list detail
```

```
PID ARGS
```

PID	PPID	USER	COMMAND	%CPU	%MEM	MINFL	MAJFL	RSS	VSZ	
1	0	root	init	0.0	0.0	4139	13	612	2464	Thu Sep 23
21:05:50	2010									
2	1	root	migration/0	0.0	0.0	0	0	0	0	Thu Sep 23
21:05:50	2010									
3	1	root	ksoftirqd/0	0.0	0.0	0	0	0	0	Thu Sep 23
21:05:50	2010									
4	1	root	migration/1	0.0	0.0	0	0	0	0	Thu Sep 23
21:05:50	2010									
5	1	root	ksoftirqd/1	0.0	0.0	0	0	0	0	Thu Sep 23
21:05:50	2010									
6	1	root	migration/2	0.0	0.0	0	0	0	0	Thu Sep 23
21:05:50	2010									
7	1	root	ksoftirqd/2	0.0	0.0	0	0	0	0	Thu Sep 23
21:05:50	2010									

show snmp

show snmp [trapdests | users]

Options

- **trapdests**—Displays the configured snmp trap destinations.
- **users**—Displays the configured snmp users and communities.

Syntax Description

None

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modification
1.7	This command was first documented.

Usage Guidelines

This command displays configured snmp trap destinations or user and communities.

Examples

```
admin:show snmp trapdests
  1) Host = 64.101.180.49:162 (Version 3)

      Version 3 Options:
          User = TimTrap                PW   = authpriv
          Level = authnopriv            hash = md5
          EngineID = 0x80001f8803001a6406bc16

  2) Host = 64.101.180.49 (Version 3)

      Version 3 Options:
          User = TimTrap2               PW   = authpriv
          Level = authnopriv            hash = md5
          EngineID = 0x80001f8803001a6406bc16

admin:show snmp users
  1) Username: admin                    Version: v3
      Level: AuthNoPriv                 Mode: RW

  2) Username: tim                     Version: v3
```

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**

```
avg-cpu:  %user   %nice    %sys %iowait  %idle
           0.15    0.00    0.15   0.01   99.69
```

```
Device:            tps   Blk_read/s   Blk_wrtn/s   Blk_read   Blk_wrtn
sda                 0.89     4.10        14.77       720814     2593220
sda1                0.89     4.05        14.77       712058     2592960
sda2                0.00     0.01         0.00        1834        240
sda3                0.00     0.01         0.00        1500         4
```

show status

show status

Syntax Description

None.

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 information.

The following information is provided:

- 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 syslog facility

show syslog facility

Syntax Description	None.
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Command Modes	Admin Command privilege level: 1 Allowed during upgrade: Yes
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Command History	<table><tr><th>Release</th><th>Modifications</th></tr><tr><td>1.7</td><td>This command was first documented.</td></tr></table>	Release	Modifications	1.7	This command was first documented.
Release	Modifications				
1.7	This command was first documented.				

Usage Guidelines	This command shows the syslog default facility used for logging messages.
-------------------------	---

Examples	admin: show syslog facility Using the local1 facility
-----------------	---

show syslog heartbeat

show syslog heartbeat [facility | interval | msg | severity]

Options

- **facility**—Displays the syslog heartbeat facility used for heartbeat messages.
- **interval**—Displays the syslog heartbeat interval in minutes, 0 is disabled.
- **msg**—Displays the syslog heartbeat message text.
- **severity**—Displays the syslog heartbeat severity used for heartbeat messages.

Syntax Description

None.

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	This command was first documented.

Usage Guidelines

This command shows the syslog heartbeat facility, interval, message or severity information.

Examples

```
admin:show syslog heartbeat facility
Using the local1 facility

admin:show syslog heartbeat interval
Using the 0 minute interval

admin:show syslog heartbeat msg
Using the "Syslog heartbeat message" message

admin:show syslog heartbeat severity
Using the 6 severity
```

show syslog timezone

show syslog timezone

Syntax Description	None.
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Command Modes	Admin Command privilege level: 1 Allowed during upgrade: Yes
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Command History	Release	Modifications
	1.7	This command was first documented.

Usage Guidelines	This command shows the syslog timezone setting as either localtime or GMT/UTC.
-------------------------	--

Examples	admin: show syslog timezone Using gmt timezone
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show syslog version

show syslog version

Syntax Description

None.

Command Modes

Admin

Command privilege level: 1

Allowed during upgrade: Yes

Command History

Release	Modifications
1.7	This command was first documented.

Usage Guidelines

This command shows the syslog output version as either CiscoLog v1.1 or IETF/RFC Syslog Protocol Version 1.

Examples

```
admin:show syslog version
Version is 1, the IETF/RFC Syslog Protocol v1 format
```

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**

```
1597 root      17    0  3192  448  388 S   0.0  0.0   0:00.00 mingetty
1598 root      16    0  3192  448  388 S   0.0  0.0   0:00.00 mingetty
1599 root      17    0  2320  448  388 S   0.0  0.0   0:00.00 mingetty
1600 root      17    0  2424  448  388 S   0.0  0.0   0:00.00 mingetty
1601 root      17    0  2368  448  388 S   0.0  0.0   0:00.00 mingetty
1606 root      25    0  4688 1340 1056 S   0.0  0.0   0:00.02 ntpd
1607 root      16    0  4544 1408 1140 S   0.0  0.0   0:00.00 racoon
1610 servmgr   16    0  77848 8816 5280 S   0.0  0.1   0:00.38 servM
```

show tech network

show tech network

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

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

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

resolve [**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.
resolve	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 CTS-Manager server.



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 network routes
----- show platform network -----
Routes:
10.22.148.0/24 dev eth0  proto kernel  scope link   src 10.22.148.143
169.254.0.0/16 dev eth0  scope link
default via 10.22.148.1 dev eth0
```

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
----- show platform runtime -----
```

```
The processor usage :
top - 22:13:05 up 2 days,  1:59,  1 user,  load average: 0.00, 0.01, 0.00
Tasks: 143 total,   1 running, 142 sleeping,   0 stopped,   0 zombie
Cpu(s):  0.2% us,  0.1% sy,  0.0% ni, 99.7% id,  0.0% wa,  0.0% hi,  0.0% si
Mem:   6209432k total, 1936580k used, 4272852k free,   87632k buffers
```

show tech runtime

Swap: 2048248k total, 0k used, 2048248k free, 753208k cached

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1	root	16	0	3368	608	520	S	0.0	0.0	0:01.52	init
2	root	RT	0	0	0	0	S	0.0	0.0	0:00.02	migration/0
3	root	34	19	0	0	0	S	0.0	0.0	0:00.00	ksoftirqd/0

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
----- show platform system -----
Hardware: pci bus devices summary
```

show tech system

```
00:00.0 Host bridge: Intel Corporation QuickPath Architecture I/O Hub to ESI Port (rev 13)
00:01.0 PCI bridge: Intel Corporation QuickPath Architecture I/O Hub PCI Express Root Port
1 (rev 13)
00:02.0 PCI bridge: Intel Corporation QuickPath Architecture I/O Hub PCI Express Root Port
2 (rev 13)
00:03.0 PCI bridge: Intel Corporation QuickPath Architecture I/O Hub PCI Express Root Port
3 (rev 13)
00:05.0 PCI bridge: Intel Corporation QuickPath Architecture I/O Hub PCI Express Root Port
5 (rev 13)
00:07.0 PCI bridge: Intel Corporation QuickPath Architecture I/O Hub PCI Express Root Port
7 (rev 13)
```

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

Options

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

Syntax Description

config	Displays the current time zone settings.
---------------	--

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.

Examples

```
admin:show timezone
Current timezone: (GMT+10:00) Canberra, Melbourne, Sydney
Timezone version: 2009o
```

show version

show version [active | inactive]

Syntax Description

active	Displays the software version on the active partition.
inactive	Displays the software version on the inactive partition.

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 active
Active Master Version: 1.7.1.0-99

Active Version Installed Software Options:
No Installed Software Options Found.
```

show workingdir

show working dir

Syntax Description	None
---------------------------	------

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	<pre>admin:show working dir activelog : <not set, using default path> inactivelog : <not set, using default path> tftp : <not set, using default path></pre>
-----------------	---

■ show workingdir