

NAM CLI Commands: show clock details - show monitor urlfilter

This chapter describes the following NAM CLI commands:

- [show clock details](#)
- [show configuration](#)
- [show counters](#)
- [show cpu](#)
- [show data-source](#)
- [show date](#)
- [show debug log-levels](#)
- [show debug messages](#)
- [show debug metric-engine](#)
- [show device](#)
- [show email](#)
- [show entity](#)
- [show hosts](#)
- [show inventory](#)
- [show ip](#)
- [show license](#)
- [show log config](#)
- [show log patch](#)
- [show log report](#)
- [show log upgrade](#)
- [show managed- device](#)
- [show memory](#)
- [show metric export](#)
- [show monitor protocol encapsulation](#)
- [show monitor protocol all](#)

- `show monitor rtp-stream`
- `show monitor rtp-stream filter`
- `show monitor urlcollection`
- `show monitor urlfilter`

show clock details

To show clock details on the NAM, use the **show clock details** command.

show clock details

**Note**

This command is only valid for Cisco NAM 2200 series appliances.

Syntax Description

This command has no arguments or keywords.

Defaults

This command has no default settings.

Command Modes

Command mode

Usage Guidelines

This command is supported only on Cisco NAM 2200 series appliances.

Examples

The following example shows how to display clock settings.

```
root@nam.cisco.com# show clock details  
System Time: Thu Nov 4 18:25:41 PDT 2010
```

show configuration

To display the NAM running configuration, use the **show configuration** command.

show configuration

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

The following configurations are not included in the generated configuration file:

- Reports
- CLI users
- Supervisor engine community strings

Examples This example shows how to display the NAM running configuration:

```
Root@localhost# show configuration

***** NAM configuration *****
Time: Thu Nov  4 18:12:24 2010

preferences
  entries-per-screen 15
  refresh-interval 300
  graph-bars 135586104
  resolve-hostname disable
  data-displayed bytes
  format-large-number disable
  number-notation commas-dot
  exit
!
monitor art response-times
  report-interval 1800
  rsp-time1 1
  rsp-time2 5
  rsp-time3 10
  rsp-time4 50
  rsp-time5 100
  rsp-time6 500
  rsp-timeout 1000
  exit
!
```

Examples

`config clear`

show counters

To display the counters for data aggregation table, use the **show counters** command.

show counters

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the counters for data aggregation table:

```
root@nam235Cat6k.cisco.com# show counters ?  
long-term           - show long-term collection counters  
nde-export          - show collection counters for NDE export  
short-term          - show short-term collection counters
```

show cpu

To display the Central Processing Unit (CPU) utilization, use the **show cpu** command.

show cpu

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the CPU utilization:

```
root@nam235Cat6k.cisco.com# show cpu
```

```
NOTE: For more details on system resources including CPU  
utilization, visit the Administration -> System -> Resources  
page in the NAM Traffic Analyzer web application.  
root@nam235Cat6k.cisco.com#
```

show data-source

To display the data-sources, use the **show data-source** command.

show data-source

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the data-sources:

```
root@nam235Cat6k.cisco.com# show data-source
```

```
DATA SOURCE ID      : 1  
DATA SOURCE NAME    : DATA PORT 1  
TYPE                : Data Port  
PORT NUMBER        : 1  
-----
```

```
DATA SOURCE ID      : 2  
DATA SOURCE NAME    : DATA PORT 2  
TYPE                : Data Port  
PORT NUMBER        : 2  
-----
```


show date

To display the current date and time, use the **show date** command.

show date

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the current date and time:

```
Root@localhost# show date
Thu Jan 09 09:38:01 2003
```

Related Commands [show time](#)
[time](#)

show debug log-levels

To display log level settings, use the **show debug log-levels** command.

show debug log-levels

Syntax Description	This command has no arguments or keywords.
Defaults	This command has no default behavior or settings.
Command Modes	Command mode
Usage Guidelines	This command is supported on all NAM platforms.

Examples The following example shows log level settings:

```
root@nam.cisco.com# show debug log-levels
Debug Logging: enabled
Feature OTHER (1): error (1)
Feature CDP (2): error (1)
Feature POLLD (3): error (1)
Feature SWPOLL (4): error (1)
Feature TREND_DAEMON (5): error (1)
Feature TREND_RPC (6): error (1)
Feature TREND_SNMP (7): error (1)
Feature MAIN (8): error (1)
Feature MISC (9): error (1)
Feature SNMP (10): error (1)
Feature SRSNMP (11): error (1)
Feature ENTITY (12): error (1)
Feature RMON (13): error (1)
Feature RPC (14): error (1)
Feature DSRC (15): error (1)
Feature WAAS (16): error (1)
Feature PARSER (17): error (1)
Feature PPROC (18): error (1)
Feature FM (19): error (1)
Feature FR (20): error (1)
Feature COLL_SHARED (21): error (1)
Feature RTP (22): error (1)
Feature METRIC_ENGINE (23): error (1)
Feature ART (24): error (1)
Feature URL_COLLECTION (25): error (1)
Feature PORT_TABLE (26): error (1)
Feature MPLS_STATS (27): error (1)
Feature ETHERSTATS (28): error (1)
Feature CAPTURE (29): error (1)
Feature RMON1_HOST (30): error (1)
Feature RMON1_MATRIX (31): error (1)
Feature RMON2_ADDRMAP (32): error (1)
Feature RMON2_PDIST (33): error (1)
Feature RMON2_HOST (34): error (1)
```

```
Feature RMON2_MATRIX (35): error (1)
Feature DSMON_STATS (36): error (1)
Feature DSMON_PDIST (37): error (1)
Feature DSMON_HOST (38): error (1)
Feature DSMON_MATRIX (39): error (1)
Feature SMON_PRIO (40): error (1)
Feature SMON_VLAN (41): error (1)
```

show debug messages

To display NAM log file contents, use the **show debug messages** command.

show debug messages

Syntax Description	This command has no arguments or keywords.
Defaults	This command has no default behavior or settings.
Command Modes	Command mode
Usage Guidelines	This command is supported on all NAM platforms.

Examples

The following example shows the log file contents:

```
root@nam.cisco.com# show debug messages
2008-10-14 00:07:11 *** FM Metric Engine 1 created (iThread 3)
2008-10-14 00:07:11 MAIN: Flow reaper starting, LWP = 1381
2008-10-14 00:07:11 Packet data and flow processing layers started successfully.
2008-10-14 00:07:11 WAAS: Loadautoconfig: enables:1client:1cltwan:0svrwan:0
server:0 passthru:0
2008-10-14 00:07:11 *** WAAS Flow Agent (FA) manager module initialized ***
2008-10-14 00:07:11 Load SA Export config SA_EXPORT_ENABLED = 0
2008-10-14 00:07:11 *** Configure SuperAgent export: export disabled
2008-10-14 00:07:11 *** ART Metric Engine post initialization done. ***
2008-10-14 00:07:11 MAIN: dbgport_init: No cfg file!
2008-10-14 00:07:11 MAIN: Offtime LWP = 1382
2008-10-14 00:07:11 RPC: RPC LWP = 1383
2008-10-14 00:16:19 mond: exiting on signal 15.
2008-10-14 00:19:21 mond starting.
2008-10-14 00:19:21 MAIN: Timer LWP = 1570
2008-10-14 00:19:21 MAIN: Timekeeping LWP = 1571
```

show debug metric-engine

To display metric-engine log file, use the **show debug metric-engine** command.

show debug metric-engine

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display metric-engine log file:
root@nam235Cat6k.cisco.com# **show debug metric-engine**

show device

To display the remote devices like ERSPAN, NetFlow, and WAAS, use the **show device** command.

show device

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the remote devices:

```
root@localhost# show device
```

show email

To display email settings that are used for e-mailing alarm messages or scheduled reports, use the **email** command.

show email

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display email values:

```
root@localhost# show email
Email
  Server: example-email.domain.com
  Mail Alarm: enabled
  Alarm Recipients: admin@domain.com another_admin@domain.com
root@localhost#
```

Related Commands [device erspan](#)
[email](#)

show entity

To display the serial number and the values of the entity MIB entPhysicalAlias and entPhysicalAssetID, use the **show entity** command.

show entity

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display entity values:

```
root@localhost# show entity
Serial Number : SAD061506JU
Alias        :
Asset ID     :
```

Related Commands [entity alias](#)
[entity assetid](#)

show hosts

To display the hosts entries, use the **show hosts** command.

show hosts

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the hosts entries:

```
Root@localhost# show hosts
# $Id: hosts,v 1.4 2002/04/04 01:47:51 pwildi Exp $
#
127.0.0.1          localhost localhost.localdomain

127.0.0.11        slot1
127.0.0.21        slot2
127.0.0.31        slot3
127.0.0.41        slot4
127.0.0.51        slot5
127.0.0.61        slot6
127.0.0.71        slot7
127.0.0.81        slot8

111.10.9.18      switch1 lab
```

show inventory

To display the system inventory information for a NAM device, use the **show inventory** command.

show inventory

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

The **show inventory** command allows you to view the UDI for a NAM device. This identity information is stored in the NAM device's non-volatile memory.

- PID—Product identification (ID) number of the device
- VID—Version ID of the device. Displays as 0 if the version number is not available.
- SN—Serial number of the device

Examples The following example shows the system inventory information:

```
root@nam.cisco.com# show inventory
PID:WS-SVC-NAM-2 VID:V05 SN:SAD1151075B
```

show ip

To display the NAM IP parameters, use the **show ip** command.

show ip

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the NAM IP parameters:

```
Root@localhost# show ip
IP address:          101.10.11.189
Subnet mask:         255.255.255.255
IP Broadcast:       111.20.255.255
DNS Name:           namlab-kom9.cisco.com
Default Gateway:    111.20.98.125
Nameserver(s):      111.69.2.135
HTTP server:        Enabled
HTTP secure server: Disabled
HTTP port:          80
HTTP secure port:   443
TACACS+ configured: No
Telnet:             Enabled
SSH:                Disabled
```

Related Commands

- [ip address](#)
- [ip broadcast](#)
- [ip gateway](#)
- [ip host](#)
- [ip hosts add](#)
- [ip hosts delete](#)
- [ip http secure port](#)
- [ip http secure generate](#)
- [ip http secure server](#)
- [ip http tacacs+](#)
- [ip interface](#)

show license

To display the information about the license installed on the WAE device.

show license

**Note**

This command is not valid for NAM-1, NAM-2, NME-NAM-80S, NME-NAM-120S, or the Cisco NAM 2200 Series appliances.

Syntax Description

This command has no arguments or keywords.

Defaults

This command has no default settings.

Command Modes

Command mode

Usage Guidelines

This command is valid only on the NAM Virtual Blade.

Examples

This example shows how to display the NAM Virtual Blade license information for the WAE device.

```
Root@localhost# show license
```

Related Commands

[license install](#)
[config upload](#)

show log config

To display the maintenance image configuration import log entries, use the **show log config** command.

show log config

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the maintenance image import log entries:

```
Root@localhost# show log config
```

Related Commands [config clear](#)
[show log report](#)
[upgrade](#)

show log patch

To display the patch log entries, use the **show log patch** command.

show log patch

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the maintenance image import log entries:

```
Root@localhost# show log patch
2005/01/17 21:11 Sucessfully downloaded ftp://guest@namlab-pc1//home/guest/patch
_rpms/nam-app.3-4.cryptoK9.patch.1-0.bin.
2005/01/17 21:11 Patch nam-app.3-4.cryptoK9.patch.1-0.bin signature verified.
2005/01/17 21:11 Successfully applied patch /usr/local/nam/patch/workdir/nam-app
.3-4.cryptoK9.patch.1-0.bin.
```

Related Commands [config clear](#)
[show log report](#)
[upgrade](#)

show log report

To display the import log entries, use the **show log report** command.

show log report

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the import log entries:

```
Root@localhost# show log report
```

Related Commands [show log config](#)

show log upgrade

To display the maintenance image upgrade log entries, use the **show log upgrade** command.

show log upgrade

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the maintenance image upgrade entries:

```

Root@localhost# show log upgrade
Fri Aug 23 10:32:27 2002 : path: ftp://namlab-pc1/pub/rmon/MP-KPLUS
Fri Aug 23 10:32:27 2002 : file: mp-dev.1-2-0-5.bin
Fri Aug 23 10:32:27 2002 : extn: .gz
Fri Aug 23 10:32:27 2002 : Downloading the image...
Fri Aug 23 10:32:28 2002 : Successfully downloaded the image...
Fri Aug 23 10:32:28 2002 : Uncompressing the image...
Fri Aug 23 10:32:29 2002 : Finished uncompressing the file /tmp/mp-dev.1-2-0-5. bin.gz.
Fri Aug 23 10:32:29 2002 : Successfully uncompressed the image.
Fri Aug 23 10:32:29 2002 : Verifying the image...
Fri Aug 23 10:32:29 2002 : opening file /tmp/mp-dev.1-2-0-5.bin.ver
Fri Aug 23 10:32:30 2002 : Successfully verified the image.
Fri Aug 23 10:32:30 2002 : Partition '/dev/hda1' unmounted.
Fri Aug 23 10:32:30 2002 : Applying the Maintenance image.
Fri Aug 23 10:32:30 2002 : This process may take several minutes...
Fri Aug 23 10:32:30 2002 : Writing mbr...
Fri Aug 23 10:32:30 2002 : Successfully wrote mbr.
Fri Aug 23 10:32:30 2002 : Number of Sectors: 31
Fri Aug 23 10:32:30 2002 : Writing grub and maint image.
Fri Aug 23 10:33:18 2002 : Successfully wrote the maint image.
Fri Aug 23 10:33:18 2002 : Partition '/dev/hda1' mounted.
Fri Aug 23 10:33:18 2002 : Performing post install...
Fri Aug 23 10:33:18 2002 : File /usr/local/nam/falcon_version copied to /mnt/mp
/boot/appl/daughter_card.info.
Fri Aug 23 10:33:18 2002 : Maintenance image upgrade completed successfully.

```

Related Commands [upgrade](#)

show managed- device

To display the managed-device address, use the **show managed-device** command.

show managed-device



Note

This command is not valid for NAM-1, NAM-2, NME-NAM-80S, NME-NAM-120S, or the Cisco Virtual Blade device.

Syntax Description

This command has no arguments or keywords.

Defaults

This command has no default settings.

Command Modes

Command mode

Usage Guidelines

This command is supported only on Cisco NAM 2200 Series appliances.

Examples

This example shows how to display the managed-device address:

```
root@localhost# show managed-device
```

show memory

To display the installed memory, available memory, and the memory being used by the system, use the **show memory** command.

show memory

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the NAM memory:

```
Root@localhost# show memory
Installed:      858 MB
Available:     240 MB
System Usage:  617 MB
```

Related Commands [show cdb](#)

show metric export

To show metric export configuration, use the **show metric export** command.

show metric export

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples The following example shows the metric export configuration:

```
root@nam.cisco.com# show metric export  
Metric export: enabled  
Host: 10.0.0.1  
Port: 9995  
Export non-WAAS traffic: enabled
```

show monitor protocol encapsulation

To display the encapsulation configurations, use the **show monitor protocol encapsulation** command.

show monitor protocol encapsulation

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display the encapsulation configurations:

```
root@nam.cisco.com# show monitor protocol encapsulation
```

Related Commands [monitor protocol encapsulation](#)

show monitor protocol all

To display all of the protocols in the protocol directory, use the **show monitor protocol all** command.

show monitor protocol all

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines This command is supported on all NAM platforms.

Examples This example shows how to display all of the protocol configurations:

```
Root@localhost# show monitor protocol all
Control Index:          46232
Data Source:            dataport1
Owner:                  LocalMgr
Status:                 1
Root@localhost#
```

show monitor rtp-stream

To display the RTP monitoring and alarm threshold settings, use the **show monitor rtp-stream** command.

show monitor rtp-stream



Note

This command is not supported on the NAM Virtual Blade.

Syntax Description

This command has no arguments or keywords.

Defaults

This command has no default settings.

Command Modes

Command mode

Usage Guidelines

This command is supported only on NAM-1, NAM-2, NME-NAM-80S, and NME-NAM-120S devices and Cisco NAM 2200 Series appliances.

Examples

This example shows how to display the RTP-stream monitoring settings and alarm thresholds.

```
root@localhost# show monitor rtp-stream
root@localhost#
```

Related Commands

[monitor rtp-stream enable](#)
[monitor urlcollection](#)

show monitor rtp-stream filter

To display the URL collection configuration, use the **show monitor rtp-stream filter** command.

show monitor rtp-stream filter

**Note**

This command is not supported on the NAM Virtual Blade.

Syntax Description

This command has no arguments or keywords.

Defaults

This command has no default settings.

Command Modes

Command mode

Usage Guidelines

This command is supported only on NAM-1, NAM-2, NME-NAM-80S, and NME-NAM-120S devices and Cisco NAM 2200 Series appliances.

Examples

This example shows how to display the URL collection statistics:

```
root@localhost# show monitor rtp-stream filter
root@localhost#
```

Related Commands

[monitor rtp-stream filter](#)

show monitor urlcollection

To display the URL collection configuration, use the **show monitor urlcollection** command.

show monitor urlcollection



Note

This command is not supported on the NAM Virtual Blade.

Syntax Description

This command has no arguments or keywords.

Defaults

This command has no default settings.

Command Modes

Command mode

Usage Guidelines

This command is supported only on NAM-1, NAM-2, NME-NAM-80S, and NME-NAM-120S devices and Cisco NAM 2200 Series appliances.

Examples

This example shows how to display the URL collection statistics:

```
root@localhost# show monitor urlcollection
root@localhost#
```

Related Commands

[monitor urlcollection](#)

show monitor urlfilter

To display the URL filter configuration, use the **show monitor urlfilter** command.

```
show monitor urlfilter [control-index]
```

**Note**

This command is not supported on the NAM Virtual Blade.

Syntax Description

control-index (Optional) Specifies the URL filter control index.

Defaults

This command has no default settings.

Command Modes

Command mode

Usage Guidelines

This command is supported only on NAM-1, NAM-2, NME-NAM-80S, and NME-NAM-120S devices and Cisco NAM 2200 Series appliances.

Examples

This example shows how to display the URL filter configuration:

```
root@localhost# show monitor urlfilter  
root@localhost#
```

Related Commands

[monitor urlfilter](#)

