

show access-log

To display the web access log, use the **show access-log** command.

show access-log

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the web access log:

```
Root@localhost# show access-log
11 Mar 2003, 12:23:38 152.20.27.182 - Access denied (no login session)
/error.php
11 Mar 2003, 12:23:39 152.20.27.182 - Access denied (no login session)
/error.php
11 Mar 2003, 12:23:39 152.20.27.182 - Access denied (no login session)
/error.php
11 Mar 2003, 12:23:39 152.20.27.182 - Access denied (no login session)
/error.php
```

show alarm

To display NAM event, MIB, and voice alarms, use the **show alarm** command.

show alarm [voice]

Syntax Description	voice (Optional) Displays the status of the MGCP alarm configuration.
---------------------------	------------------------------------------------------------------------------

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines The **voice** option is specific to the NAM software release running on network modules in the Cisco 2600, 3600, 3700 routers.

Examples This example shows how to display the NAM system event alarms:

```
Root@localhost# show alarm
events                - show events
mib                   - show NAM MIB alarms
voice                 - show NAM voice alarms
root@namlab-kom7.cisco.com# show alarm events
Index:                8613
Description:          Capture Start
Type:                 None
Community:            public
Owner:                LocalMgr
Index:                16107
Description:          Capture Stop
Type:                 None
Community:            public
Owner:                LocalMgr
```

This example shows how to display the voice alarm configuration:

```
Root@localhost# show alarm voice
SCCP:
  Jitter alarm:       Disabled
  Packet lost alarm:  Disabled
  Jitter threshold:   30 msec
  Packet lost threshold:5%
H.323:
  Jitter alarm:       Disabled
  Packet lost alarm:  Disabled
  Jitter threshold:   150 msec
  Packet lost threshold:5%
MGCP:
  Jitter alarm:       Enabled
  Packet lost alarm:  Enabled
  Jitter threshold:   31 msec
  Packet lost threshold:6%
```

■ show alarm

Related Commands [alarm](#)

show autostart

To display autostart collections, use the **show autostart** command.

show autostart

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the autostart collections:

```
Root@localhost# show autostart  
etherstats disable  
addressmap disable  
priostats disable  
vlanstats disable  
art disable
```

Related Commands [autostart](#)

show bios

To display BIOS information, use the **show bios** command.

show bios

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the module's BIOS information:

```
Root@localhost# show bios
BIOS Information:
  Vendor: Phoenix Technologies Ltd.
  BIOS Version: 4.0-Rel 6.0.4
  BIOS Start Addr Seg: 0xe9d2
  BIOS Release Date: 05/28/2002
  BIOS ROM Size: 512K

System Info
  Manufacturer: Cisco Systems, Inc
  Product Name: Catalyst LineCard
  Version: 2 Processors
  Serial Number: 000000000
  UUID: 00000000000000000000000000000000

System Enclosure Info
  Manufacturer: Cisco Systems, Inc.
  Version:
  Serial Number: 000000000
  Asset Tag: No Asset Tag
```

show certificate

To display the installed certificate, use the **show certificate** command.

show certificate

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display certificate information:

```
Root@localhost# show certificate
-----BEGIN CERTIFICATE-----
MIIDgzCCAuygAwIBAgIBADANBgkqhkiG9w0BAQQFADCBjjELMAkGA1UEBhMCVVMx
CzAJBgNVBAGTAkNBMQswCQYDVQQHEwJTSjEjEjEBAQgA1UEChMSQ21zY28gU3lzdGVt
cywgSW5jMSswKQYDVQQLEyJkYXRhbH1zdCA2MDAwIE5BTSBUZXN0IEN1cnRzZmlj
YXR1MRswGQYDVQQDExJDaXNjbyBTeXN0ZW1zLCBJbmMwHhcNMDExMTI0MDIw
WhcNMDEyMTI0MDIwMDIwMDIwMDIwMDIwMDIwMDIwMDIwMDIwMDIwMDIwMDIw
CQYDVQQHEwJTSjEjEjEBAQgA1UEChMSQ21zY28gU3lzdGVtcywgSW5jMSswKQYDVQQLEy
EyJkYXRhbH1zdCA2MDAwIE5BTSBUZXN0IEN1cnRzZmljYXR1MRswGQYDVQQDExJDa
aXNjbyBTeXN0ZW1zLCBJbmMwZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAMfd
NQJunHkjduRGMc7B978Bgh4x1EixRCPQ9K74PNzmXbZ1IayRUXvLHA3xCM8GamFt
SlLgjo5R3q0cHwNur1uknHe11UfZMQMiL0IqL255JxX6NbvCUzGpTxNMkywDXDc3
VevqmPezWrHAFxx3hoXtgTnj6j6BMxyOkbYDwAFXAgMBAAGjge4wgeswHQYDVDR00
BBYEFPCoN6ndQG9nCMgnzP+Y3VxOSP3MIG7BgNVHSMEgbMwgbCAFPCoN6ndQG9
nCMgnzP+Y3VxOSP3oYGUPIGRMIGOMQswCQYDVQQGEwJVUzELMAkGA1UECBMCQ0Ex
CzAJBgNVBACcTAlNKMRSwGQYDVQQKEsJDaXNjbyBTeXN0ZW1zLCBJbmMxKzApBgNV
BAstIkNhZGFseXN0IDYwMDAgTkFNIFRlc3QgQ2VydG1maWNhdGUxGzAZBgNVBAMT
EkNpc2NvIFN5c3R1bXMsIEl1Y4IBADAMBGNVHRMEBTADAQH/MA0GCSqGSIb3DQEB
BAUAA4GBAD95psLs1tneBsIuUWQvIdV6D7QYBfewtDzNW101FvgDZBQdIu7QeRtL
tjMNYGDUIG7tz7/9iZyA90rfrkm410qJrJysoKBZgMzTg6i1paIzPnoJnN4DYj5C
qNGuOM0OKqtqCFMKq87UXUuvTgc3hhQKSY5LKOXhJyhtCupJ669
-----END CERTIFICATE-----
```

Related Commands [show certificate-request](#)

show certificate-request

To display the certificate signing requests, use the **show certificate-request** command.

show certificate-request

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the certificate signing requests:

```
Root@localhost# show certificate-request
```

Related Commands [show certificate](#)

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

- Reports
- CLI users
- NetFlow custom data sources
- Supervisor engine community strings

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

```
Root@localhost# show configuration
!
! NAM running configuration
!
! Date: Thu Jan  9 09:23:31 2003
!
ip http tacacs+ disable
!
custom-filter capture
  filter-name "cli_origin_capture"
  description "came from the cli"
  protocol "6 1000001 800 2f 800 6 50 0 1 0 0 0 0"
  exit
!
custom-filter decode
  filter-name "cli_origin"
  protocol http
  exit
!
web-user
  user-name admin
  account-mgmt enable
  system-config enable
  capture enable
  alarm-config enable
  collection-config enable
  en-password "YWRtaW4K"
  exit
!
```


■ show configuration

```

preferences
  entries-per-screen 25
  refresh-interval 15
  graph-bars 10
  resolve-hostname enable
  exit
!
syslog
  mib local enable
  mib remote disable
  voice local enable
  voice remote disable
  system debug enable
  system local enable
  system remote disable
  exit
!
alarm voice
  protocol H.323
  jitter-alarm disable
  pkt-loss-alarm disable
  jitter-threshold 150
  pkt-loss-threshold 5
  exit
!
alarm event
  index 7763
  description Capture Start
  cancel
!
alarm mib
  index 63547
  variable nlHostInPkts.9939.0.1.4.10.0.0.1
  interval 60
  sample-type absolute
  startup-alarm rising
  rising-threshold 10
  falling-threshold 20
  rising-event 63547
  falling-event 63547
  owner LocalMgr
  exit
!
rmon buffer
  index 47654
  channel-index 22838
  full-action lock
  capture-slice 1500
  download-slice 1500
  download-offset 0
  size 51200000
  owner LocalMgr
  exit
!
end

```

Related Commands [config](#)

show custom-filter

To display the custom capture or decode filters, use the **show custom-filter** command.

show custom-filter [**capture** *filtername* | **decode** *filtername*]

Syntax Description	
capture <i>filtername</i>	(Optional) Displays the custom capture filters.
decode <i>filtername</i>	(Optional) Displays the custom decode filters.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the specified custom capture or decode filters:

```
Root@localhost# show custom-filter capture cli_origin_capture
Filter name:      cli_origin_capture
Description:     came from the cli
Offset (bytes):
Protocol (OID):  6 1000001 800 2f 800 6 50 0 1 0 0 0 0
Base (OID):
Data:
Data mask:
Data not mask:
Status:
Status mask:
Status not mask:
```

Related Commands [custom-filter](#)

show custom-filter capture

To display the capture filters, use the **show custom-filter capture** command.

```
show custom-filter capture filter-name
```

Syntax Description	<i>filter-name</i> Sets the capture filter name.
---------------------------	--------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
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Examples	This example shows how to display the capture filters: Root@localhost# show custom-filter capture cli_origin_capture
-----------------	--------------------------------------------------------------------------------------------------------------------------------

Related Commands	custom-filter capture
-------------------------	---------------------------------------

show custom-filter decode

To display the decode filters, use the **show custom-filter decode** command.

```
show custom-filter decode filter-name
```

Syntax Description	<i>filter-name</i> Sets the decode filter name.
---------------------------	-------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display the decode filters: Root@localhost# show custom-filter decode cli_origin
-----------------	----------------------------------------------------------------------------------------------------------------------

Related Commands	custom-filter decode
-------------------------	--------------------------------------

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

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 diffserv aggregate

To display all of the differentiated services aggregate configurations for all the data sources and profiles, use the **show diffserv aggregate** command.

show diffserv aggregate *control-index*

Syntax Description	<i>control-index</i>	Aggregate ID.
--------------------	----------------------	---------------

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the differentiated service configurations:

```

Root@localhost# show diffserv aggregate
Control index:      23723
Description:        VoIP-TEst
Owner:              LocalMgr
Status:             1

Control index:      31645
Description:        VoIP
Owner:              LocalMgr
Status:             1

Control index:      41657
Description:        DragonBallZ
Owner:              LocalMgr
Status:             1

Control index:      47739
Description:        NoAggAllTech
Owner:              LocalMgr
Status:             1

```

Related Commands [diffserv](#)

show diffserv profile

To display all of the differentiated services profiles and their descriptions, use the **show diffserv profile** command.

show diffserv profile *profile-index*

Syntax Description	<i>profile-index</i>	Profile ID.
--------------------	----------------------	-------------

Defaults	This command has no default settings.
----------	---------------------------------------

Command Modes	Command mode
---------------	--------------

Examples	This example shows how to display the profiles and their descriptions:
----------	------------------------------------------------------------------------

```
Root@localhost# show diffserv profile 31645
Aggregate Profile Index: 31645
DSCP Value      Description
```

Related Commands	diffserv
------------------	--------------------------

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

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 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

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

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

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

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

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

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

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 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

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 bios](#)

show monitor addrmap

To display the address map collection configuration, use the **show monitor addrmap** command.

show monitor addrmap

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the address map collection configuration:

```
Root@localhost# show monitor addrmap
Control Index:          40042
Data Source:            dataport1
Owner:                  LocalMgr
Status:                 1
```

Related Commands [monitor](#)
[monitor addrmap](#)

show monitor art

To display all of the art collection configurations, use the **show monitor art** command.

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

Syntax Description	<i>control-index</i> (Optional) Specifies the collection control index.
---------------------------	-------------------------------------------------------------------------

Defaults	The control index variable range is 1 through 65535.
-----------------	------------------------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the art collections:
-----------------	---------------------------------------------------------------

```
Console> show monitor art
Control Index:          18880
Data Source:            dataport1
Owner:                  LocalMgr
Status:                 1
Time Remaining:        2197
Response Time 1:        5
Response Time 2:        15
Response Time 3:        50
Response Time 4:        100
Response Time 5:        200
Response Time 6:        500
Response Timeout:      3000
Maximum Entries:       500
```

Related Commands	monitor monitor art
-------------------------	--------------------------------------------------------

show monitor diffserv

To display all of the host collection configurations, use the **show monitor diffserv** command.

```
show monitor diffserv [host | matrix | pdist | stats] [control-index]
```

Syntax Description		
host	(Optional)	Displays host collections.
matrix	(Optional)	Displays matrix collections.
pdist	(Optional)	Displays pdist collections.
stats	(Optional)	Displays stats collections.
<i>control-index</i>	(Optional)	Displays collections by specified control index.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the differential service host collection:

```
Console> show monitor diffserv host
Control Index:          30010
Data Source:           dataport1
Owner:                 LocalMgr
Status:                1
Max Entries:           Max Possible
Profile Index:         57498
IPv4 Prefix Length:   32
IPv6 Prefix Length:   128
```

Related Commands

- [monitor](#)
- [monitor diffserv](#)
- [monitor diffserv host](#)
- [monitor diffserv matrix](#)
- [monitor diffserv pdist](#)
- [monitor diffserv stats](#)

show monitor etherstats

To display all of the Ethernet statistics collection configurations, use the **show monitor etherstats** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays Ethernet statistics collections by specified control index.
---------------------------	------------------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the Ethernet statistics collection configurations:
-----------------	---------------------------------------------------------------------------------------------

```
Root@localhost# show monitor etherstats
```

Related Commands	monitor monitor etherstats
-------------------------	---------------------------------------------------------------

show monitor history

To display all of the history collection configurations, use the **show monitor history** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays history collections by specified control index.
---------------------------	------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the history collection configurations:
-----------------	---------------------------------------------------------------------------------

```
Root@localhost# show monitor history
```

Related Commands	monitor monitor history
-------------------------	------------------------------------------------------------

show monitor hlhost

To display all of the host layer host collection configurations, use the **show monitor hlhost** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays host layer host collections by specified control index.
---------------------------	--------------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the host layer host collection configurations:
-----------------	-----------------------------------------------------------------------------------------

```
Root@localhost# show monitor hlhost
Control Index:          7434
Data Source:            dataport1
Owner:                  LocalMgr
Status:                 1
Network Layer Max Entries: Max Possible
Application Layer Max Entries: Max Possible
```

Related Commands	monitor monitor hlhost
-------------------------	-----------------------------------------------------------

show monitor hlmatrix

To display all of the host layer matrix collection configurations, use the **show monitor hlmatrix** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays host layer matrix collections by specified control index.
---------------------------	----------------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the host layer matrix collection configurations:
-----------------	-------------------------------------------------------------------------------------------

```
Root@localhost# show monitor hlmatrix
Control Index:          20990
Data Source:           dataport1
Owner:                 LocalMgr
Status:                1
Network Layer Max Entries: Max Possible
Application Layer Max Entries: Max Possible
```

Related Commands	monitor monitor hlmatrix
-------------------------	-------------------------------------------------------------

show monitor host

To display all of the host collection configurations, use the **show monitor host** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays host collections by specified control index.
---------------------------	---------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the host collection configurations:
-----------------	------------------------------------------------------------------------------

```
Root@localhost# show monitor host  
Control Index:          38426  
Data Source:           dataport1  
Owner:                 LocalMgr  
Status:                1
```

Related Commands	monitor monitor host
-------------------------	---------------------------------------------------------

show monitor matrix

To display all of the matrix collection configurations, use the **show monitor matrix** command.

show monitor matrix [*control-index*]

Syntax Description	<i>control-index</i> (Optional) Displays matrix collections by specified control index.
---------------------------	-----------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the matrix collection configurations:
-----------------	--------------------------------------------------------------------------------

```
Root@localhost# show monitor matrix
Control Index:      37030
Data Source:       dataport1
Owner:             LocalMgr
Status:            1
Root@localhost#
```

Related Commands	monitor monitor matrix
-------------------------	-----------------------------------------------------------

show monitor pdist

To display all of the protocol distribution collection configurations, use the **show monitor pdist** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays protocol distribution collections by specified control index.
---------------------------	--------------------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

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

```
Root@localhost# show monitor pdist
Control Index:          46451
Data Source:            dataport1
Owner:                  LocalMgr
Status:                 1

Control Index:          56899
Data Source:            dataport3
Owner:                  LocalMgr
Status:                 1
Root@localhost#
```

Related Commands	monitor monitor pdist
-------------------------	----------------------------------------------------------

show monitor priostats

To display all of the priority statistics collection configurations, use the **show monitor priostats** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays priority statistics collections by specified control index.
---------------------------	------------------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the priority statistics collection configurations:
-----------------	---------------------------------------------------------------------------------------------

```
Root@localhost# show monitor priostats
Control Index:          9572
Data Source:           dataport1
Owner:                 LocalMgr
Status:                1
Root@localhost#
```

Related Commands	monitor monitor priostats
-------------------------	--------------------------------------------------------------

show monitor protocol

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

```
show monitor protocol [all | names | prot-specifiers]
```

Syntax Description	all	(Optional) Displays all of the protocol configurations.
	names	(Optional) Displays all of the named protocol configurations.
	<i>prot-specifiers</i>	(Optional) Displays protocol configurations by the specified protocol.

Defaults This command has no default settings.

Command Modes Command mode

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

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

Related Commands [monitor](#)
[monitor protocol](#)

show monitor vlanstats

To display all of the VLAN statistics collection configurations, use the **show monitor vlanstats** command.

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

Syntax Description	<i>control-index</i> (Optional) Displays VLAN statistics collections by specified control index.
---------------------------	--------------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display all of the VLAN statistics collection configurations:
-----------------	-----------------------------------------------------------------------------------------

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

Related Commands	monitor monitor vlanstats
-------------------------	--------------------------------------------------------------

show monitor voice

To display the voice configurations, use the **show monitor voice** command.

show monitor voice [*protocol*]

Syntax Description	<i>protocol</i>	(Optional) Displays voice collections by the specified protocol, either H323, SCCP, or MGCP.
---------------------------	-----------------	----------------------------------------------------------------------------------------------

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines The Media Gateway Control Protocol (MGCP) option is specific to the Network Analysis Module (NAM) software release running on network modules in the Cisco 2600, 3600, 3700 routers.

Examples This example shows how to display the voice configurations:

```
Root@localhost# show monitor voice
H.323 Voice Monitoring:           Enabled
Number of phone table rows:      200
Number of call table rows:       200
Number of top packet jitter rows: 5
Number of top packet loss rows:  5

SCCP Voice Monitoring:           Disabled
Number of phone table rows:      300
Number of call table rows:       300
Number of top packet jitter rows: 5
Number of top packet loss rows:  5Console>

MGCP voice monitoring:           Disabled
Number of phone table rows:      150
Number of call table rows:       150
Number of top packet jitter rows: 7
Number of top packet loss rows:  7
```

This example shows how to only display information about the MGCP configuration:

```
Root@localhost# show monitor voice mgcp
MGCP voice monitoring:           Disabled
Number of phone table rows:      150
Number of call table rows:       150
Number of top packet jitter rows: 7
Number of top packet loss rows:  7
```

Related Commands [monitor](#)
[monitor voice](#)

show nam data-source

To display all of the NAM data sources, use the **show nam data-source** command.

show nam data-source

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

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

```
Root@localhost# show nam data-source
dataport1
dataport2
dataport3
vlan1
vlan1002
vlan1004
vlan1005
vlan1003
vlan2
vlan10
vlan11
vlan12
netflow
nde-172.20.98.129
```

show options

To display the ART MIB and voice monitoring options configuration, use the **show options** command.

show options

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the ART MIB and voice monitoring options configuration:

```
Root@localhost# show options
ART mib:           Enabled
Voice monitoring:  Enabled
```

Related Commands [monitor art](#)
[monitor voice](#)

show patches

To display all of the installed patches, use the **show patches** command.

show patches

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display all of the installed patches:

```
Root@localhost# show patches
```

Related Commands [patch](#)

show preferences

To display the NAM preferences for your screen, use the **show preferences** command.

show preferences

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the NAM preferences:

```
Root@localhost# show preferences
Entries per screen: 25
Refresh interval: 15 secs
Number of graph bars: 10
Hostname resolution: Enabled
```

Related Commands [preferences](#)

show rmon

To display the RMON buffers, channels, and filters, use the **show rmon** command.

```
show rmon [buffers | channels | filters] channel-index
```

Syntax Description	
buffers	(Optional) Displays the RMON buffers.
channels	(Optional) Displays the RMON channels.
filters	(Optional) Displays the RMON filters.
<i>channel-index</i>	Displays the buffer collections by specified channel index.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the RMON channels and buffers:

```
Root@localhost# show rmon channels
46303
Root@localhost# show rmon buffer
Index:          9791
Channel index:  21054
Full action:    Lock when full
Capture slice size: 1500 bytes
Download slice size: 1500 bytes
Download offset: 0
Max octets requested: 51200000 bytes
Owner:         LocalMgr
```

Related Commands

- [rmon](#)
- [rmon artmib](#)
- [rmon buffer](#)
- [rmon channel](#)
- [rmon filter](#)

show rxcounters

To display the RX data counters, use the **show rxcounters** command.

show rxcounters

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the RX data counters:

```
Root@localhost# show rxcounters
data port 1 rx pkt count: 1524112
data port 2 rx pkt count: 1115
```


show snmp

To display the SNMP parameters, use the **show snmp** command.

show snmp

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the SNMP parameters:

```

Root@localhost# show snmp
SNMP Agent:   mynam.cisco.com   112.10.14.73

SNMPv1:  Enabled
SNMPv2C: Enabled
SNMPv3:  Disabled

community   private write
community   public  read

trap community   public   112.10.17.237
trap community   public   112.10.17.244

sysDescr      Network Analysis Module (WS-SVC-NAM-2), Version 3.1(0.12)
Copyright (c) 1999-2003 by cisco Systems, Inc.

sysObjectID   enterprises.9.5.1.3.1.1.2.291
sysContact    engineer
sysName       mynam
sysLocation   top floor

```

Related Commands [snmp](#)

show syslog-settings

To display the NAM system log settings, use the **show syslog-settings** command.

show syslog-settings

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the NAM system log settings:

```
Root@localhost# show syslog-settings
MIB threshold events: Local
Voice threshold events: Local
System alerts (debug): Local
```

Related Commands [syslog](#)

show system-alerts

To display NAM failures or problems, use the **show system-alerts** command.

show system-alerts

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the NAM system alerts:

```
Root@localhost# show system alerts
Jan  1 15:07:31 mynam scpd: scpd: 0x10/44 -> 0x15/0, len 18, op 0x14a, len
 2, flags 0(), seq 65443, ver 0
Jan  1 15:07:31 mynam scpd: scpd: SCP PC Blade REQ from 0x10/44.
Jan  1 15:07:31 mynam scpd: scpd: sub-opcode 6, status 45.
Jan  1 15:07:31 mynam scpd: scpd: SCP PC Shutdown.
Jan  1 15:07:33 mynam scpd: scpd: shutdown of NAM!
Jan  1 15:07:35 mynam rmond[595]: rmond: received QUIT signal! Exiting!
Jan  1 15:07:38 mynam polld: Terminating polld.
Jan  1 15:07:42 mynam configd: SIGTERM recieved.
Jan  1 15:07:42 mynam configd: Terminating with success.
Jan  1 00:02:43 mynam scpd: scpd: 0x10/1 -> 0x15/0, len 18, op 0x14a, len
```

Related Commands [syslog remote-server](#)

show tech-support

To display technical support information, use the **show tech-support** command.

show tech-support

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the NAM technical support information:

```
Root@localhost# show tech-support
PID TTY      STAT   TIME COMMAND
  1 ?        S      0:08  init
  2 ?        SW     0:00  [keventd]
  3 ?        SWN    0:00  [ksoftirqd_CPU0]
  4 ?        SWN    0:00  [ksoftirqd_CPU1]
  5 ?        SW     0:00  [kswapd]
  6 ?        SW     0:00  [bdflush]
  7 ?        SW     0:05  [kupdated]
238 ?        S      0:00  /usr/local/nam/bin/scpd -l -d/var/log/scpd
246 ?        SW     0:10  [kjournald]
474 ?        S      0:01  syslogd -m 0
477 ?        S      0:00  klogd -2
501 ?        S      0:00  /usr/sbin/atd
```

show time

To display NAM time zone or time synchronization settings, use the **show time** command.

show time

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the NAM time settings:

```
Root@localhost# show time
NAM synchronize time to:      Switch
Timezone configured on the switch: PDT
Current system time:          Thu May 1 09:29:49 GMT+8 2003
```

Related Commands [time](#)

show trap-dest

To display all of the NAM trap destinations, use the **show trap-dest** command.

show trap-dest *trap-index*

Syntax Description	<i>trap-index</i> (Optional) Displays the trap destinations by the specified trap index.
---------------------------	------------------------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display the NAM trap destinations:
-----------------	--------------------------------------------------------------

```
Root@localhost# show trap-dest
Trap index: 23370
Community: public
Address: 172.20.98.136
UDP port: 162 (00a2)
Owner: LocalMgr
Root@localhost#
```

Related Commands	trap-dest
-------------------------	---------------------------

show version

To display the NAM version information, use the **show version** command.

show version

Syntax Description This command has no keywords or arguments.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to display the NAM version information:

```
Root@localhost# show version
NAM application image version: 3.1(0.12)
Maintenance image version: 1.1(1)
NAM Daughter Card Micro code version: 1.29.1.27 (NAM)
BIOS Version: 4.0-Rel 6.0.4
Console
```

Related Commands [config](#)

show web-users

To display the web user information, use the **show web-users** command.

```
show web-users user-name
```

Syntax Description	<i>user-name</i> (Optional) Displays the specified user name information.
---------------------------	---------------------------------------------------------------------------

Defaults	This command has no default settings.
-----------------	---------------------------------------

Command Modes	Command mode
----------------------	--------------

Examples	This example shows how to display the web user information:
-----------------	-------------------------------------------------------------

```
Root@localhost# show web-users admin
User: admin
-----
Account management: Enabled
System config:      Enabled
Capture:            Enabled
Alarm config:       Enabled
Collection config:  Enabled
Collection view:    Enabled
Console
```

Related Commands	web-user
-------------------------	--------------------------

shutdown

To shut down the NAM, use the **shutdown** command.

shutdown

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Examples This example shows how to shut down the NAM:

```
Root@localhost# shutdown  
Shut down the NAM? (y/n) [n]: n
```

Related Commands [logout](#)
[preferences](#)
[exit](#)

snmp

To configure SNMP devices for the NAM, use the **snmp** command.

snmp community *community-string* *ro | rw* **contact** *contact-string* **delete** *community-string*
location *location-string* **name** *name-string*

Syntax Description

community <i>community-string</i> <i>ro rw</i>	Sets the device community string.
contact <i>contact-string</i>	Sets the device contact string.
delete <i>community-string</i>	Deletes the device community string.
location <i>location-string</i>	Sets the device location.
name <i>name-string</i>	Sets the device name.

Defaults

This command has no default settings.

Command Modes

Command mode

Examples

This example shows how to set up an SNMP device for the NAM:

```
Root@localhost# snmp community askdfhtjlk.01' contact george location frisco, name al
```

Related Commands

[show snmp](#)

syslog

To enter the system log subcommand mode, and then configure system logging for the NAM, use the **syslog** command.

syslog

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Modes Command mode

Usage Guidelines When you enter the system log submode, the following commands are available:

- **cancel**—Discards changes and exits from the subcommand mode; see the “[cancel](#)” command section.
- **exit**—Saves changes and exits from the subcommand mode; see the “[exit](#)” command section.
- **mib**—(Optional) Configures the system log for NAM MIB threshold events, see the “[syslog mib](#)” command section.
- **remote-server**—(Optional) Configures the system log for remote logging, see the “[syslog remote-server](#)” command section.
- **system**—(Optional) Configures the system log for NAM system alerts, see the “[syslog system](#)” command section.
- **voice**—(Optional) Configures syslog for voice threshold events see the “[syslog voice](#)” command section.

Examples This example shows how to configure system logging for the NAM:

```
Root@localhost# syslog
root@namlab-kom7.cisco.com(sub-syslog) #
```

Related Commands [show syslog-settings](#)

syslog mib

To capture NAM MIB alarms and send them to the system log, use the **syslog mib** command from the syslog subcommand mode.

```
syslog mib [local enable | disable] [remote enable | disable]
```

Syntax Description	local enable disable	(Optional) Enables or disables local MIB alarms.
	remote enable disable	(Optional) Enables or disables remote MIB alarms.

Defaults This command has no default settings.

Command Modes Syslog sub-command mode

Examples This example shows how to configure the NAM to capture MIB alarms:

```
root@localhost# syslog
Entering into subcommand mode for this command.
Type 'exit' to come out of this mode.
Type 'cancel' to discard changes and to come out of this mode.
root@localhost(sub-syslog)# mib local enable
root@localhost(sub-syslog)# exit
NAM syslog settings updated successfully.
root@localhost# show syslog
MIB threshold events: Local
Voice threshold events: Local
System alerts (info): Local
```

Related Commands

- [alarm mib](#)
- [alarm voice](#)
- [show alarm](#)
- [show autostart](#)
- [show syslog-settings](#)
- [syslog](#)
- [syslog remote-server](#)
- [voice](#)

syslog remote-server

To capture NAM remote server alarms, use the **syslog remote-server** command from the **syslog** subcommand mode.

```
syslog remote-server disable | [server1 [server2] [server3] [server4] [server5]
```

Syntax Description	remote-server	Configures the system log for logging remote server events.
	<i>disable</i>	Disables remote server event logging.
	server1 server2 server3 server4 server5	(Optional) Specifies the remote server.

Defaults This command has no default settings.

Command Modes Syslog sub-command mode

Examples This example shows how to configure the NAM to capture remote server alarms:

```
Root@localhost<sub-syslog># syslog
Entering into subcommand mode for this command.
Type 'exit' to come out of this mode.
Type 'cancel' to discard changes and to come out of this mode.
Root@localhost<sub-syslog># voice remote enable
Root@localhost<sub-syslog># remote-server 172.20.98.136
Root@localhost<sub-syslog># exit
NAM syslog settings updated successfully.
```

Related Commands

- [alarm mib](#)
- [alarm voice](#)
- [monitor](#)
- [show alarm](#)
- [show autostart](#)
- [show syslog-settings](#)
- [syslog](#)
- [syslog remote-server](#)
- [voice](#)

syslog system

To capture NAM system alarms, use the **syslog system** command from the syslog subcommand mode.

syslog system debug enable | disable local enable | disable remote enable | disable

Syntax Description	debug enable disable	Enables or disables system debug alarms.
	local enable disable	Enables or disables local system alarms.
	remote enable disable	Enables or disables remote server system alarms.

Defaults This command has no default settings.

Command Modes Syslog sub-command mode

Examples This example shows how to configure the NAM to capture system alarms:

```
Root@localhost# syslog system local enable
```

Related Commands

- [alarm mib](#)
- [alarm voice](#)
- [monitor](#)
- [show alarm](#)
- [show autostart](#)
- [show syslog-settings](#)
- [syslog](#)
- [syslog remote-server](#)
- [voice](#)

syslog voice

To configure system logging for voice threshold events from the syslog subcommand mode, use the **syslog voice** command.

syslog voice local enable | disable remote enable | disable

Syntax Description	local enable disable	remote enable disable
	Enables or disables local voice alarms.	Enables or disables remote voice alarms.

Defaults This command has no default settings.

Command Modes Syslog sub-command mode

Examples This example shows how to configure the NAM to capture voice alarms:

```
root@hostname.cisco.com<sub-syslog># syslog voice local enable
root@hostname.cisco.com# show options
ART mib: Enabled
Voice monitoring:Enabled
root@hostname.cisco.com#
```

Related Commands

- [alarm mib](#)
- [alarm voice](#)
- [monitor](#)
- [show alarm](#)
- [show autostart](#)
- [show syslog-settings](#)
- [show options](#)
- [syslog](#)
- [syslog remote-server](#)