



CHAPTER

28

show running-config through show running-config isakmp Commands

show running-config

To display the configuration that is running on the FWSM, use the **show running-config** command in privileged EXEC mode.

show running-config [**all**] [*command*]

Syntax Description

all	Displays the entire operating configuration, including defaults.
<i>command</i>	Displays the configuration associated with a specific command.

Defaults

If no arguments or keywords are specified, the entire non-default FWSM configuration displays.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	•

Command History

Release	Modification
3.1(1)	Support for this command was introduced.

Usage Guidelines

The **show running-config** command displays the current running configuration on the FWSM.

You can use the **running-config** keyword only in the **show running-config** command. You cannot use this keyword with **no** or **clear**, or as a standalone command, because the CLI treats it as a nonsupported command. When you enter the **?**, **no ?**, or **clear ?** keywords, a **running-config** keyword is not listed in the command list.



Note

The device manager commands appear in the configuration after you use it to connect to or configure the FWSM.

Examples

This example show how to display the configuration that is running on the FWSM:

```
hostname# show running-config
: Saved
:
FWSM Version 3.1(0)
names
!
interface Ethernet0
  nameif test
  security-level 10
```

```
ip address 10.10.88.50 255.255.255.254
!
interface Ethernet1
 nameif inside
 security-level 100
 ip address 10.86.194.176 255.255.254.0
!
interface Ethernet2
 shutdown
 no nameif
 security-level 0
 no ip address
!
interface Ethernet3
 shutdown
 no nameif
 security-level 0
 no ip address
!
interface Ethernet4
 shutdown
 no nameif
 security-level 0
 no ip address
!
interface Ethernet5
 shutdown
 no nameif
 security-level 0
 no ip address
!
enable password 8Ry2YjIyt7RRXU24 encrypted
passwd 2KFQnbNIdI.2KYOU encrypted
hostname FWSM
domain-name example.com
boot system flash:/cdisk.bin
ftp mode passive
pager lines 24
mtu test 1500
mtu inside 1500
monitor-interface test
monitor-interface inside
ASDM image flash:ASDM
no ASDM history enable
arp timeout 14400
route inside 0.0.0.0 0.0.0.0 10.86.194.1 1
timeout xlate 3:00:00
timeout conn 2:00:00 half-closed 1:00:00 udp 0:02:00 icmp 1:00:00 rpc 1:00:00 h3
23 0:05:00 h225 1:00:00 mgcp 0:05:00 mgcp-pat 0:05:00 sip 0:30:00 sip_media 0:02
:00
timeout uauth 0:00:00 absolute
http server enable
http 0.0.0.0 0.0.0.0 inside
no snmp-server location
no snmp-server contact
snmp-server enable traps snmp
fragment size 200 test
fragment chain 24 test
fragment timeout 5 test
fragment size 200 inside
fragment chain 24 inside
fragment timeout 5 inside
telnet 0.0.0.0 0.0.0.0 inside
telnet timeout 1440
```

■ show running-config

```

ssh timeout 5
console timeout 0
group-policy todd internal
!
class-map inspection_default
  match default-inspection-traffic
!
!
policy-map fwsm_global_fw_policy
  class inspection_default
    inspect dns
    inspect ftp
    inspect h323 h225
    inspect h323 ras
    inspect http
    inspect ils
    inspect mgcp
    inspect netbios
    inspect rpc
    inspect rsh
    inspect rtsp
    inspect sip
    inspect skinny
    inspect sqlnet
    inspect tftp
    inspect xdmcp
    inspect ctigbe
    inspect cuseeme
    inspect icmp
  !
terminal width 80
service-policy fwsm_global_fw_policy global
Cryptochecksum:bfe4cf4b9d1b98b7e8d97434851f57e14
: end

```

Related Commands

Command	Description
configure	Configures the FWSM from the terminal.

show running-config aaa

To show the AAA configuration in the running configuration, use the **show running-config aaa** command in privileged EXEC mode.

show running-config aaa [accounting | authentication | authorization | mac-exempt | proxy-limit]

Syntax Description	
accounting	(Optional) Show accounting-related AAA configuration.
authentication	(Optional) Show authentication-related AAA configuration.
authorization	(Optional) Show authorization-related AAA configuration.
mac-exempt	(Optional) Show MAC address exemption AAA configuration.
proxy-limit	(Optional) Show the number of concurrent proxy connections allowed per user.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History	Release	Modification
	1.1(1)	The show aaa command was introduced.
	2.2(1)	The show aaa command was modified to support a LOCAL method.
	3.1(1)	This command was changed from show aaa .

Examples The following is sample output from the **show running-config aaa** command:

```
hostname# show running-config aaa
aaa authentication match infrastructure_authentication_radiusvrs infrastructure radiusvrs
aaa accounting match infrastructure_authentication_radiusvrs infrastructure radiusvrs
aaa authentication secure-http-client
aaa local authentication attempts max-fail 16
```

Related Commands

Command	Description
aaa authentication match	Enables authentication for traffic that is identified by an access list.
aaa authorization match	Enables authorization for traffic that is identified by an access list.
aaa accounting match	Enables accounting for traffic that is identified by an access list.
aaa max-exempt	Specifies the use of a predefined list of MAC addresses to exempt from authentication and authorization.
aaa proxy-limit	Configure the uauth session limit by setting the maximum number of concurrent proxy connections allowed per user.

show running-config aaa-server

To display AAA server configuration, use the **show running-config aaa-server** command in privileged EXEC mode.

show running-config [**all**] **aaa-server** [*server-tag*] [(*interface-name*)]

Syntax Description

all	(Optional) Shows defaults values, which are otherwise omitted from command output.
(<i>interface-name</i>)	(Optional) The network interface where the AAA server resides.
<i>server-tag</i>	(Optional) The symbolic name of the server group.

Defaults

Omitting the **all** keyword displays only the explicitly configured configuration values, not the default values.

Command Modes

The following table shows the modes in which you can enter the command:

	Firewall Mode		Security Context		
				Multiple	
Command Mode	Routed	Transparent	Single	Context	System
Privileged EXEC	•	•	—	—	•

Command History

Release	Modification
1.1(1)	The show aaa-server command was introduced.
3.1(1)	This command was changed from show aaa-server .

Usage Guidelines

Use this command to display the settings for a particular server group. Use the **all** keyword to display default values as well as the explicitly configured values.

Examples

To display the running configuration for the default AAA server group, use the following command:

```
hostname(config)# show running-config default aaa-server
```

```
aaa-server group1 protocol tacacs+ accounting-mode simultaneous
reactivation-mode depletion deadtime 10
max-failed-attempts 4
```

Related Commands

Command	Description
show aaa-server	Displays AAA server statistics.
show running-config aaa-server host	Displays AAA server settings for a specific AAA server.
clear configure aaa-server	Clears the AAA server configuration.

show running-config aaa-server host

To display AAA server statistics for a particular AAA server, use the **show running-config aaa-server host** command in global configuration or privileged EXEC mode.

show running-config [**all**] **aaa-server** *server-tag* [(*interface-name*)] **host** *aaa-server-name*

Syntax Description

all	(Optional) Shows the running configuration, including default configuration values.
host <i>aaa-server-name</i>	Specifies the AAA server by hostname or IP address.
(<i>interface-name</i>)	(Optional) The network interface where the AAA server resides.
<i>server-tag</i>	The symbolic name of the server group.

Defaults

Omitting the **all** keyword displays only the explicitly configured configuration values, not the default values.

Command Modes

The following table shows the modes in which you can enter the command:

	Firewall Mode		Security Context		
				Multiple	
Command Mode	Routed	Transparent	Single	Context	System
Privileged EXEC	•	•	—	—	•
Global configuration	•	•	—	—	•

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

Use this command to display the statistics for a particular server group. Use the **all** keyword to display default values as well as the explicitly configured values.

Examples

To display the running configuration for the server group svrgrp1, use the following command:

```
hostname(config)# show running-config all aaa-server svrgrp1
```

Related Commands

Command	Description
show running-config aaa-server	Displays AAA server settings.
clear configure aaa	Removes the settings for all AAA servers across all groups.

show running-config access-group

To display the access group information, use the **show running-config access-group** command in privileged EXEC mode.

show running-config access-group

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	—

Command History	Release	Modification
	1.1(1)	This command was introduced.
	3.1(1)	This command was changed from show access-group .

Examples The following is sample output from the **show running-config access-group** command:

```
hostname# show running-config access-group
access-group 100 in interface outside
```

Related Commands	Command	Description
	access-group	Binds an access list to an interface.
	clear configure access-group	Removes access groups from all the interfaces.

show running-config access-list

To display the access-list configuration that is running on the FWSM, use the **show running-config access-list** command in privileged EXEC mode.

show running-config [default] access-list [alert-interval | deny-flow-max]

show running-config [default] access-list [id] [saddr_ip | optimization]

Syntax Description

alert-interval	Shows the alert interval for generating syslog message 106001, which alerts that the system has reached a deny flow maximum.
deny-flow-max	Shows the maximum number of concurrent deny flows that can be created.
<i>id</i>	Identifies the access list that is displayed.
optimization	Shows optimized access lists.
<i>saddr_ip</i>	Shows the access list elements that contain the specified source IP address.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.
4.0(1)	Keyword optimization added.

Usage Guidelines

The **show running-config access-list** command lets you display the current running access list configuration on the FWSM.

Examples

The following is sample output from the **show running-config access-list** command:

```
hostname# show running-config access-list
access-list allow-all extended permit ip any any
```

Related Commands

Command	Description
access-list ethertype	Configures an access list that controls traffic based on its EtherType.
access-list extended	Adds an access list to the configuration and configures policy for IP traffic through the firewall.
access-list ethertype	Configures an access list that controls traffic based on its EtherType.
clear access-list	Clears an access list counter.
clear configure access-list	Clears an access list from the running configuration.

show running-config alias

To display the alias configuration, use the **show running-config alias** command in privileged EXEC mode.

show running-config [**all**] **alias** [*interface_name*]

Syntax Description

all (Optional) Shows all commands, including the commands you have not changed from the default.

interface_name (Optional) Shows the **alias** commands for the specified interface.

Defaults

This command has no default settings.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Global configuration	•	—	—	•	•

Command History

Release	Modification
1.1(1)	This command was introduced.
3.1(1)	This command was changed from show alias .

Examples

This example shows how to display alias information:

```
hostname# show running-config alias
```

Related Commands

Command	Description
alias	Creates an alias.
clear configure alias	Deletes an alias.

show running-config arp

To show static ARP entries created by the **arp** command in the running configuration, use the **show running-config arp** command in privileged EXEC mode.

show running-config [all] arp

Syntax	Description
all	(Optional) Shows all commands, including the commands you have not changed from the default.

Defaults	No default behavior or values.
----------	--------------------------------

Command Modes	The following table shows the modes in which you can enter the command:
---------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	—

Command History	Release	Modification
	3.1(1)	This command was introduced.

Examples	The following is sample output from the show running-config arp command:
----------	---

```
hostname# show running-config arp
arp inside 10.86.195.11 0008.023b.9893
```

Related Commands	Command	Description
	arp	Adds a static ARP entry.
	arp-inspection	For transparent firewall mode, inspects ARP packets to prevent ARP spoofing.
	show arp	Shows the ARP table.
	show arp statistics	Shows ARP statistics.

show running-config arp timeout

To view the ARP timeout configuration in the running configuration, use the **show running-config arp timeout** command in privileged EXEC mode.

show running-config [all] arp timeout

Syntax	Description
all	(Optional) Shows all commands, including the commands you have not changed from the default.

Defaults	No default behavior or values.
----------	--------------------------------

Command Modes	The following table shows the modes in which you can enter the command:
---------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History	Release	Modification
	1.1(1)	This command was introduced.
	3.1(1)	This command was changed from show arp timeout .

Examples	The following is sample output from the show running-config arp timeout command:
----------	---

```
hostname# show running-config arp timeout
arp timeout 20000 seconds
```

Related Commands	Command	Description
	arp	Adds a static ARP entry.
	arp timeout	Sets the time before the FWSM rebuilds the ARP table.
	arp-inspection	For transparent firewall mode, inspects ARP packets to prevent ARP spoofing.
	show arp statistics	Shows ARP statistics.

show running-config arp-inspection

To view the ARP inspection configuration in the running configuration, use the **show running-config arp-inspection** command in privileged EXEC mode.

show running-config [all] arp-inspection

Syntax	Description
all	(Optional) Shows all commands, including the commands you have not changed from the default.

Defaults	No default behavior or values.
----------	--------------------------------

Command Modes	The following table shows the modes in which you can enter the command:
---------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	—	•	•	•	—

Command History	Release	Modification
	3.1(1)	This command was introduced.

Examples	The following is sample output from the show running-config arp-inspection command:
----------	--

```
hostname# show running-config arp-inspection
```

```
arp-inspection inside1 enable no-flood
```

Related Commands	Command	Description
	arp	Adds a static ARP entry.
	arp-inspection	For transparent firewall mode, inspects ARP packets to prevent ARP spoofing.
	clear configure arp-inspection	Clears the ARP inspection configuration.
	firewall transparent	Sets the firewall mode to transparent.
	show arp statistics	Shows ARP statistics.

show running-config asdm

To display the **asdm** commands in the running configuration, use the **show running-config asdm** command in privileged EXEC mode.

show running-config asdm [group | location]

Syntax Description

group	(Optional) Limits the display to the asdm group commands in the running configuration.
location	(Optional) Limits the display to the asdm location commands in the running configuration.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	•

Command History

Release	Modification
1.1(1)	This command was introduced (as show running-config pdm).
3.1(1)	This command was changed from the show running-config pdm command to the show running-config asdm command.

Usage Guidelines

To remove the **asdm** commands from the configuration, use the **clear configure asdm** command.



Note

On FWSMs running in multiple context mode, the **show running-config asdm group** and **show running-config asdm location** commands are only available in the system execution space.

Examples

The following is sample output from the **show running-configuration asdm** command:

```
hostname# show running-config asdm
asdm history enable
hostname#
```

Related Commands

Command	Description
clear configure asdm	Removes all asdm commands from the running configuration.

show running-config auth-prompt

To displays the current authentication prompt challenge text, use the **show running-config auth-prompt** command in global configuration mode.

show running-config [default] auth-prompt

Syntax Description	default (Optional) Display the default authentication prompt challenge text.
---------------------------	---

Defaults	Display the configured authentication prompt challenge text.
-----------------	--

Command Modes	The following table shows the modes in which you can enter the command:
----------------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Global configuration	•	•	—	—	•

Command History	Release	Modification
	1.1(1)	The show auth-prompt command was introduced.
	3.1(1)	This command was changed from show auth-prompt .

Usage Guidelines	After you set the authentication prompt, use the show running-config auth-prompt command to view the current prompt text.
-------------------------	--

Examples	This example shows the use of the show running-config auth-prompt command to show the authentication prompt configuration:
-----------------	---

```
hostname(config)# show running-config auth-prompt
auth-prompt prompt Please sign in.
auth-prompt accept Welcome. Unauthorized access strictly prohibited.
auth-prompt reject Credentials invalid.
hostname(config)#
```

Related Commands	auth-prompt Set the user authentication prompts.
	clear configure auth-prompt Reset the user authentication prompts to the default value.

show running-config auto-update

To display the **auto-update** commands in the running configuration, use the **show running-config auto-update** command in privileged EXEC mode.

show running-config [all] auto-update

Syntax Description

all (Optional) Shows all commands, including the commands you have not changed from the default.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	—	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Examples

The following is sample output from the **show running-configuration auto-update** command:

```
hostname# show running-config auto-update
auto-update poll-period 1 1
auto-update server http://10.1.1.1:1741/
```

Related Commands

Command	Description
auto-update device-id	Sets the FWSM device ID for use with an Auto Update Server.
auto-update poll-period	Sets how often the FWSM checks for updates from an Auto Update Server.
auto-update server	Identifies the Auto Update Server.
auto-update timeout	Stops traffic from passing through the FWSM if the Auto Update Server is not contacted within the timeout period.
clear configure auto-update	Clears the Auto Update Server configuration

show running-config class

To display the resource class configuration, use the **show running-config class** command in privileged EXEC mode.

show running-config [**all**] **class** [*class_name*]

Syntax Description

all	(Optional) Show all running resource class configuration, including default.
<i>class_name</i>	(Optional) Text for the class name; the text can be up to 20 characters in length.

Defaults

By default, all classes are shown.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	N/A	N/A	—	—	•

Command History

Release	Modification
2.2(1)	This command was introduced.

Examples

The following is sample output from the **show running-config class** command:

```
hostname# show running-config class gold
limit-resource all 3%
limit-resource rate syslogs 500
```

Related Commands

Command	Description
clear configure class	Clears the class configuration.
context	Configures a security context.
limit-resource	Sets the resource limit for a class.
member	Assigns a context to a resource class.
show class	Shows the contexts assigned to a class.

show running-config banner

To display the specified banner and all the lines that are configured for it, use the **show running-config banner** command in privileged EXEC mode.

show running-config banner [exec | login | motd]

Syntax Description

exec	(Optional) Displays the banner before the enable prompt.
login	(Optional) Displays the banner before the password login prompt when accessing the FWSM using Telnet.
motd	(Optional) Displays the message-of-the-day banner.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	•

Command History

Release	Modification
1.1(1)	The show banner command was introduced.
3.1(1)	This command was changed to show running-config banner .

Usage Guidelines

The **show running-config banner** command displays the specified banner keyword and all the lines configured for it. If a keyword is not specified, then all banners display.

Examples

This example shows how to display the message-of-the-day (motd) banner:

```
hostname# show running-config banner motd
```

Related Commands

Command	Description
banner	Creates a banner.
clear configure banner	Deletes a banner.

show running-config class-map

To display the information about the class map configuration, use the **show running-config class-map** command in privileged EXEC mode.

show running-config [**all**] **class-map** [*class_map_name* | **type** { **regex** | **inspect** [*protocol*] }]

Syntax Description

all	(Optional) Shows all commands, including the commands you have not changed from the default.
<i>class_map_name</i>	(Optional) Shows the running configuration for a class map name.
inspect	(Optional) Shows inspection class maps.
<i>protocol</i>	(Optional) Specifies the type of application map you want to show. Available types include: <ul style="list-style-type: none"> http sip
regex	(Optional) Shows regular expression class maps.
type	(Optional) Specifies the type of class map you want to show. To show Layer 3/4 class maps, to not specify the type.

Defaults

The **class-map class-default** command, which contains a single **match any** command is the default class map.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.
4.0(1)	The type keyword was added.

Examples

The following is sample output from the **show running-config class-map** command:

```
hostname# show running-config class-map
class-map tcp-port
  match port tcp eq ftp
hostname#
```

Related Commands	Command	Description
	class-map	Applies a traffic class to an interface.
	clear configure class-map	Removes all of the traffic map definitions.

show running-config command-alias

To display the command aliases that are configured, use the **show running-config command-alias** command in privileged EXEC mode.

show running-config [all] command-alias

Syntax Description	all (Optional) Shows all commands, including the commands you have not changed from the default.
---------------------------	---

Defaults	No default behavior or values.
-----------------	--------------------------------

Command Modes	The following table shows the modes in which you can enter the command:
----------------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	•

Command History	Release	Modification
	3.1(1)	This command was introduced.

Usage Guidelines	If you do not enter the all keyword, only non-default command aliases display.
-------------------------	---

Examples	The following example displays all command aliases that are configured on the FWSM, including defaults:
-----------------	---

```
hostname# show running-config all command-alias
command-alias exec h help
command-alias exec lo logout
command-alias exec p ping
command-alias exec s show
command-alias exec save copy running-config startup-config
```

The following example displays all command aliases that are configured on the FWSM, excluding defaults:

```
hostname# show running-config command-alias
command-alias exec save copy running-config startup-config
hostname#
```

Related Commands

Command	Description
command-alias	Creates a command alias.
clear configure command-alias	Deletes all non-default command aliases.

show running-config console timeout

To display the console connection timeout value, use the **show running-config console timeout** command in privileged EXEC mode.

show running-config console timeout

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

	Firewall Mode		Security Context		
				Multiple	
Command Mode	Routed	Transparent	Single	Context	System
Privileged EXEC	•	•	•	•	•

Command History	Release	Modification
	1.1(1)	The show console timeout command was introduced.
	3.1(1)	This command was changed to show running-config console timeout .

Examples The following example shows how to display the console connection timeout setting:

```
hostname# show running-config console timeout
console timeout 0
```

Related Commands	Command	Description
	console timeout	Sets the idle timeout for a console connection to the FWSM.
	clear configure console	Resets the console connection settings to defaults.

show running-config context

To show the context configuration in the system execution space, use the **show running-config context** command in privileged EXEC mode.

show running-config [all] context

Syntax	Description
all	(Optional) Shows all commands, including the commands you have not changed from the default.

Defaults	No default behavior or values.
----------	--------------------------------

Command Modes	The following table shows the modes in which you can enter the command:
---------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	N/A	N/A	—	—	•

Command History	Release	Modification
	3.1(1)	This command was introduced.

Examples	The following is sample output from the show running-config context command:
----------	---

```
hostname# show running-config context

admin-context admin
context admin
  allocate-interface vlan100
  config-url disk:/admin.cfg
!

context A
  allocate-interface vlan200
  config-url disk:/A.cfg
!
```

Related Commands	Command	Description
	admin-context	Sets the admin context.
	allocate-interface	Assigns interfaces to a context.
	changeto	Changes between contexts or the system execution space.

Command	Description
config-url	Specifies the location of the context configuration.
context	Creates a security context in the system configuration and enters context configuration mode.

show running-config crypto

To display the entire crypto configuration including IPSec, crypto maps, dynamic crypto maps, and ISAKMP, use the **show running-config crypto** command in global configuration or privileged EXEC mode.

show running-config crypto

Syntax Description This command has no keywords or arguments.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Global configuration	•	—	•	—	—
Privileged EXEC	•	—	•	—	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Examples The following example entered in privileged EXEC mode, displays all crypto configuration information:

```
hostname# show running-config crypto map
crypto map abc 1 match address xyz
crypto map abc 1 set peer 209.165.200.225
crypto map abc 1 set transform-set ttt
crypto map abc interface test
isakmp enable inside
isakmp policy 1 authentication pre-share
isakmp policy 1 encryption 3des
isakmp policy 1 hash md5
isakmp policy 1 group 2
isakmp policy 1 lifetime 86400
hostname#
```

Related Commands

Command	Description
clear configure isakmp	Clears all the ISAKMP configuration.
clear configure isakmp policy	Clears all ISAKMP policy configuration.
clear isakmp sa	Clears the IKE runtime SA database.

Command	Description
isakmp enable	Enables ISAKMP negotiation on the interface on which the IPSec peer communicates with the FWSM.
show isakmp sa	Displays IKE runtime SA database with additional information.

show running-config crypto dynamic-map

To view a dynamic crypto map, use the **show running-config crypto dynamic-map** command in global configuration or privileged EXEC mode.

show running-config crypto dynamic-map

Syntax Description This command has no keywords or arguments.

Defaults No default behaviors or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Global configuration	•	•	•	—	—
Privileged EXEC	•	•	•	—	—

Release	Modification
1.1(1)	This command was introduced.
3.1(1)	This command was changed from show crypto dynamic-map .

Examples The following example entered in global configuration mode, displays all configuration information about crypto dynamic maps:

```
hostname(config)# show running-config crypto dynamic-map

Crypto Map Template "dyn1" 10

    access-list 152 permit ip host 172.21.114.67 any
    Current peer: 0.0.0.0
    Security association lifetime: 4608000 kilobytes/120 seconds
    PFS (Y/N): N
    Transform sets={ tauth, t1, }
hostname(config)#
```

Related Commands	Command	Description
	clear configure isakmp	Clears all the ISAKMP configuration.
	clear configure isakmp policy	Clears all ISAKMP policy configuration.
	clear isakmp sa	Clears the IKE runtime SA database.

Command	Description
isakmp enable	Enables ISAKMP negotiation on the interface on which the IPSec peer communicates with the FWSM.
show isakmp sa	Displays IKE runtime SA database with additional information.

show running-config crypto ipsec

To display the complete IPsec configuration, use the **show running-config crypto ipsec** command in global configuration or privileged EXEC mode.

show running-config crypto ipsec

Syntax Description This command has no default behavior or values.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Global configuration	•	—	•	—	—
Privileged EXEC	•	—	•	—	—

Command History	Release	Modification
	1.1(1)	The show crypto ipsec command was introduced.
	3.1(1)	This command was changed to show running-config crypto ipsec .

Examples The following example issued in global configuration mode, displays information about the IPsec configuration:

```
hostname(config)# show running-config crypto ipsec
crypto ipsec transform-set ttt esp-3des esp-md5-hmac
hostname(config)#
```

Related Commands	Command	Description
	clear configure isakmp	Clears all the ISAKMP configuration.
	clear configure isakmp policy	Clears all ISAKMP policy configuration.
	clear isakmp sa	Clears the IKE runtime SA database.
	isakmp enable	Enables ISAKMP negotiation on the interface on which the IPsec peer communicates with the FWSM.
	show isakmp sa	Displays IKE runtime SA database with additional information.

show running-config crypto isakmp

To display the complete ISAKMP configuration, use the **show running-config crypto isakmp** command in global configuration or privileged EXEC mode.

show running-config crypto isakmp

Syntax Description

This command has no default behavior or values.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Global configuration	•	—	•	—	—
Privileged EXEC	•	—	•	—	—

Command History

Release	Modification
1.1(1)	The show crypto isakmp command was introduced.
3.1(1)	This command was changed to show running-config crypto isakmp .

Examples

The following example issued in global configuration mode, displays information about the ISAKMP configuration:

```
hostname(config)# show running-config crypto isakmp
isakmp enable inside
isakmp policy 1 authentication pre-share
isakmp policy 1 encryption 3des
isakmp policy 1 hash md5
isakmp policy 1 group 2
isakmp policy 1 lifetime 86400
hostname(config)#
```

Related Commands

Command	Description
clear configure isakmp	Clears all the ISAKMP configuration.
clear configure isakmp policy	Clears all ISAKMP policy configuration.
clear isakmp sa	Clears the IKE runtime SA database.

Command	Description
isakmp enable	Enables ISAKMP negotiation on the interface on which the IPSec peer communicates with the FWSM.
show isakmp sa	Displays IKE runtime SA database with additional information.

show running-config crypto map

To display all configuration for all crypto maps, use the **show running-config crypto map** command in global configuration or privileged EXEC mode.

show running-config crypto map

Syntax Description This command has no keywords or arguments.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Global configuration	•	•	•	—	—
Privileged EXEC	•	•	•	—	—

Command History	Release	Modification
	1.1(1)	This command was introduced.
	3.1(1)	This command was changed from show crypto map .

Examples The following example entered in privileged EXEC mode, displays all configuration information for all crypto maps:

```
hostname# show running-config crypto map
crypto map abc 1 match address xyz
crypto map abc 1 set peer 209.165.200.225
crypto map abc 1 set transform-set ttt
crypto map abc interface test
hostname#
```

Related Commands	Command	Description
	clear configure isakmp	Clears all the ISAKMP configuration.
	clear configure isakmp policy	Clears all ISAKMP policy configuration.
	clear isakmp sa	Clears the IKE runtime SA database.
	isakmp enable	Enables ISAKMP negotiation on the interface on which the IPSec peer communicates with the FWSM.
	show isakmp sa	Displays IKE runtime SA database with additional information.

show running-config dhcpd

To show the DHCP configuration, use the **show running-config dhcpd** command in privileged EXEC or global configuration mode.

show running-config dhcpd

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC or global configuration	•	•	•	•	—

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines The **show running-config dhcpd** command displays the DHCP commands entered in the running configuration. To see DHCP binding, state, and statistical information, use the **show dhcpd** command.

Examples The following is sample output from the **show running-config dhcpd** command:

```
hostname# show running-config dhcpd

dhcpd address 10.0.1.100-10.0.1.108 inside
dhcpd lease 3600
dhcpd ping_timeout 750
dhcpd dns 209.165.201.2 209.165.202.129
dhcpd enable inside
```

Command	Description
clear configure dhcpd	Removes all DHCP server settings.
debug dhcpd	Displays debug information for the DHCP server.
show dhcpd	Displays DHCP binding, statistic, or state information.

show running-config dhcprelay

To view the current DHCP relay agent configuration, use the **show running-config dhcprelay** command in privileged EXEC mode.

show running-config dhcprelay

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	—	•	•	—

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines The **show running-config dhcprelay** command displays the current DHCP relay agent configuration. To show DHCP relay agent packet statistics, use the **show dhcprelay statistics** command.

Examples The following is sample output from the **show running-config dhcprelay** command:

```
hostname(config)# show running-config dhcprelay
```

```
dhcprelay server 10.1.1.1
dhcprelay enable inside
dhcprelay timeout 90
```

Related Commands	Command	Description
	clear configure dhcprelay	Removes all DHCP relay agent settings.
	clear dhcprelay statistics	Clears the DHCP relay agent statistic counters.
	debug dhcprelay	Displays debug information for the DHCP relay agent.
	show dhcprelay statistics	Displays DHCP relay agent statistic information.

show running-config dns

To show the DNS configuration in the running configuration, use the **show running-config dns** command in privileged EXEC mode.

show running-config dns

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	—

Release	Modification
3.1(1)	This command was introduced.

Examples The following is sample output from the **show running-config dns** command:

```
hostname# show running-config dns
dns domain-lookup inside
dns name-server
dns retries 2
dns timeout 15
dns name-server 10.1.1.1
```

Command	Description
dns domain-lookup	Enables the FWSM to perform a name lookup.
dns name-server	Configures a DNS server address.
dns retries	Specifies the number of times to retry the list of DNS servers when the FWSM does not receive a response.
dns timeout	Specifies the amount of time to wait before trying the next DNS server.
show dns-hosts	Shows the DNS cache.

show running-config domain-name

To show the domain name configuration in the running configuration, use the **show running-config domain-name** command in privileged EXEC mode.

show running-config domain-name

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	•

Command History	Release	Modification
	1.1(1)	The show domain-name command was introduced.
	3.1(1)	This command was changed to showrunning-config domain-name .

Examples The following is sample output from the **show running-config domain-name** command:

```
hostname# show running-config domain-name
example.com
```

Related Commands	Command	Description
	domain-name	Sets the default domain name.
	hostname	Sets the FWSM hostname.

show running-config enable

To show the encrypted enable passwords, use the **show running-config enable** command in privileged EXEC mode.

show running-config enable

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	•

Release	Modification
1.1(1)	The show enable command was introduced.
3.1(1)	This command was changed to show running-config enable .

Usage Guidelines The password is saved to the configuration in encrypted form, so you cannot view the original password after you enter it. The password displays with the **encrypted** keyword to indicate that the password is encrypted.

Examples The following is sample output from the **show running-config enable** command:

```
hostname# show running-config enable
enable password 2AfK9Kjr3BE2/J2r level 10 encrypted
enable password 8Ry2YjIyt7RRXU24 encrypted
```

Command	Description
disable	Exits privileged EXEC mode.
enable	Enters privileged EXEC mode.
enable password	Sets the enable password.

show running-config established

To display the allowed inbound connections that are based on established connections, use the **show running-config established** command in privileged EXEC mode.

show running-config [all] established

Syntax	Description
all	(Optional) Shows all commands, including the commands you have not changed from the default.

Defaults	No default behavior or values.
----------	--------------------------------

Command Modes	The following table shows the modes in which you can enter the command:
---------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	—

Command History	Release	Modification
	1.1(1)	This command was introduced.
	3.1(1)	This command was changed from show established .

Examples	<p>This example shows how to display inbound connections that are based on established connections:</p> <pre>hostname# show running-config established</pre>
----------	--

Related Commands	Command	Description
	established	Permits return connections on ports that are based on an established connection.
	clear configure established	Removes all established commands.

show running-config failover

To display the **failover** commands in the configuration, use the **show running-config failover** command in privileged EXEC mode.

show running-config [all] failover

Syntax Description

all (Optional) Shows all failover commands, including the commands you have not changed from the default.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	—	•

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

The **show running-config failover** command displays the **failover** commands in the running configuration. It does not display the **monitor-interface** or **join-failover-group** commands.

Examples

The following example shows the default failover configuration before failover has been configured:

```
hostname# show running-config all failover
no failover
failover lan unit secondary
failover polltime unit 15 holdtime 45
failover polltime interface 15
failover interface policy 1
hostname#
```

Related Commands

Command	Description
show failover	Displays failover state and statistics.

show running-config filter

To show the filtering configuration, use the **show running-config filter** command in privileged EXEC mode.

show running-config filter

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
1.1(1)	This command was introduced.
3.1(1)	This command was changed from show filter .

Usage Guidelines

The **show running-config filter** command displays the filtering configuration for the FWSM.

Examples

The following is sample output from the **show running-config filter** command, and shows the filtering configuration for the FWSM:

```
hostname# show running-config filter
!
filter activex 80 10.86.194.170 255.255.255.255 10.1.1.0 255.255.255.224
!
```

This example shows ActiveX filtering is enabled on port80 for the address 10.86.194.170.

Related Commands

Commands	Description
filter activex	Removes ActiveX objects from HTTP traffic passing through the FWSM.
filter ftp	Identifies the FTP traffic to be filtered by a URL filtering server.
filter https	Identifies the HTTPS traffic to be filtered by a Websense server.
filter java	Removes Java applets from HTTP traffic passing through the FWSM.
filter url	Directs traffic to a URL filtering server.

show running-config fragment

To display the current configuration of the fragment databases, use the **show running-config fragment** command in privileged EXEC mode.

show running-config fragment [*interface*]

Syntax Description

interface (Optional) Specifies the FWSM interface.

Defaults

If an interface is not specified, the command applies to all interfaces.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
1.1(1)	The show fragment command was introduced.
3.1(1)	This command was changed to show running-config fragment .

Usage Guidelines

The **show running-config fragment** command displays the current configuration of the fragment databases. If you specify an interface name, only information for the database residing at the specified interface displays. If you do not specify an interface name, the command applies to all interfaces.

Use the **show running-config fragment** command to display this information:

- **Size**—Maximum number of packets set by the **size** keyword. This value is the maximum number of fragments that are allowed on the interface.
- **Chain**—Maximum number of fragments for a single packet set by the **chain** keyword.
- **Timeout**—Maximum number of seconds set by the **timeout** keyword. This is the maximum number of seconds to wait for an entire fragmented packet to arrive. The timer starts after the first fragment of a packet arrives. If all fragments of the packet do not arrive by the number of seconds specified, all fragments of the packet that were already received will be discarded.

Examples

The following example shows how to display the states of the fragment databases on all interfaces:

```
hostname# show running-config fragment
fragment size 200 inside
fragment chain 24 inside
fragment timeout 5 inside
fragment size 200 outside1
```



```

fragment chain 24 outside1
fragment timeout 5 outside1
fragment size 200 outside2
fragment chain 24 outside2
fragment timeout 5 outside2
fragment size 200 outside3
fragment chain 24 outside3
fragment timeout 5 outside3

```

The following example shows how to display the states of the fragment databases on interfaces that start with the name “outside”:

**Note**

In this example, the interfaces named “outside1”, “outside2”, and “outside3” display.

```

hostname# show running-config fragment outside
fragment size 200 outside1
fragment chain 24 outside1
fragment timeout 5 outside1
fragment size 200 outside2
fragment chain 24 outside2
fragment timeout 5 outside2
fragment size 200 outside3
fragment chain 24 outside3
fragment timeout 5 outside3

```

The following example shows how to display the states of the fragment databases on the interfaces named “outside1” only:

```

hostname# show running-config fragment outside1
fragment size 200 outside1
fragment chain 24 outside1
fragment timeout 5 outside1

```

Related Commands

Command	Description
clear configure fragment	Resets all the IP fragment reassembly configurations to defaults.
clear fragment	Clears the operational data of the IP fragment reassembly module.
fragment	Provides additional management of packet fragmentation and improves compatibility with NFS.
show fragment	Displays the operational data of the IP fragment reassembly module.

show running-config ftp mode

To show the client mode configured for FTP, use the **show running-config ftp mode** command in privileged EXEC mode.

show running-config ftp mode

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

The **show running-config ftp mode** command displays the client mode that is used by the FWSM when accessing an FTP server.

Examples

The following examples shows sample output from the **show running-config ftp-mode** command:

```
hostname# show running-config ftp-mode
!
ftp-mode passive
!
```

Related Commands

Commands	Description
copy	Uploads or downloads image files or configuration files to or from an FTP server.
debug ftp client	Displays detailed information about FTP client activity.
ftp mode passive	Sets the FTP client mode used by the FWSM when accessing an FTP server.

show running-config ftp-map

To show the FTP maps that have been configured, use the **show running-config ftp-map** command in privileged EXEC mode.

show running-config ftp-map *map_name*

Syntax Description

map_name Displays configuration for the specified FTP map.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

The **show running-config ftp-map** command displays the FTP maps that have been configured.

Examples

The following is sample output from the **show running-config ftp-map** command:

```
hostname# show running-config ftp-map ftp-policy
!
ftp-map ftp-policy
request-command deny put stou appe
!
```

Related Commands

Commands	Description
class-map	Defines the traffic class to which to apply security actions.
ftp-map	Defines an FTP map and enables FTP map configuration mode.
inspect ftp	Applies a specific FTP map to use for application inspection.
mask-syst-reply	Hides the FTP server response from clients.
request-command deny	Specifies FTP commands to disallow.

show running-config global

To display the **global** commands in the configuration, use the **show running-config global** command in privileged EXEC mode.

show running-config global

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	—	•	•	—

Release	Modification
1.1(1)	This command was introduced.
3.1(1)	This command was changed from show global .

Examples The following is sample output from the **show running-config global** command:

```
hostname# show running-config global
global (outside1) 10 interface
```

Command	Description
clear configure global	Removes global commands from the configuration.
global	Creates entries from a pool of global addresses.

show running-config group-delimiter

To display the current delimiter to be used when parsing group names from the usernames that are received when tunnels are being negotiated, use the **show running-config group-delimiter** command in global configuration mode.

show running-config group-delimiter

Syntax Description This command has no arguments or keywords.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Global configuration	•	•	—	—	•

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines Use this command to display the currently configured group-delimiter.

Examples The following example shows a **show running-config group-delimiter** command and its output:

```
hostname(config)# show running-config group-delimiter
group-delimiter @
```

Command	Description
group-delimiter	Enables group-name parsing and specifies the delimiter to be used when parsing group names from the usernames that are received when tunnels are being negotiated.

show running-config group-policy

To display the running configuration for a particular group policy, use the **show running-config group-policy** command in privileged EXEC mode.

show running-config [all] group-policy [name]

Syntax Description

all	(Optional) Shows all commands, including the commands you have not changed from the default.
name	Specifies the name of the group policy.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	—	•	—	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Examples

The following example shows how to display the running configuration, including default values, for the group policy named FirstGroup:

```
hostname# show running-config all group-policy FirstGroup
```

Related Commands

Command	Description
group-policy	Creates, edits, or removes a group policy.
group-policy attributes	Enters group-policy attributes mode, which lets you configure AVPs for a specified group policy.
clear config group-policy	Removes the configuration for a particular group policy or for all group policies.

show running-config gtp-map

To show the GTP maps that have been configured, use the **show running-config gtp-map** command in privileged EXEC mode.

show running-config gtp-map *map_name*

Syntax Description

map_name Displays configuration for the specified GTP map.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

The **show running-config gtp-map** command displays the GTP maps that have been configured.

Examples

The following is sample output from the **show running-config gtp-map** command:

```
hostname# show running-config gtp-map gtp-policy
!
gtp-map gtp-policy
 request-queue 300
 message-length min 20 max 300
 drop message 20
 tunnel-limit 10000
!
```

Related Commands

Commands	Description
clear service-policy	Clears global GTP statistics.
inspect gtp	
debug gtp	Displays detailed information about GTP inspection.
gtp-map	Defines a GTP map and enables GTP map configuration mode.

Commands	Description
inspect gtp	Applies a specific GTP map to use for application inspection.
show service-policy inspect gtp	Displays the GTP configuration.

show running-config http

To display the current set of configured http commands, use the **show running-config http** command in privileged EXEC mode.

show running-config http

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	—	•	—	—
Global configuration	•	—	•	—	—

Command History

Release	Modification
3.1(1)	Support for this command was introduced.

Usage Guidelines

Examples

The following sample output shows how to use the **show running-config http** command:

```
hostname# show running-config http
http server enabled
0.0.0.0 0.0.0.0 inside
```

Related Commands

Command	Description
clear http	Remove the HTTP configuration: disable the HTTP server and remove hosts that can access the HTTP server.
http	Specifies hosts that can access the HTTP server by IP address and subnet mask. Specifies the FWSM interface through which the host accesses the HTTP server.
http authentication-certificate	Requires authentication via certificate from users who are establishing HTTPS connections to the FWSM.
http server enable	Enables the HTTP server.

show running-config http-map

To show the HTTP maps that have been configured, use the **show running-config http-map** command in privileged EXEC mode.

show running-config http-map *map_name*

Syntax Description.

map_name Displays configuration for the specified HTTP map.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

The **show running-config http-map** command displays the HTTP maps that have been configured.

Examples

The following is sample output from the **show running-config http-map** command:

```
hostname# show running-config http-map http-policy
!
http-map http-policy
content-length min 100 max 2000 action reset log
content-type-verification match-req-rsp reset log
max-header-length request bytes 100 action log reset
max-uri-length 100 action reset log
!
```

Related Commands

Commands	Description
class-map	Defines the traffic class to which to apply security actions.
debug http-map	Displays detailed information about traffic associated with an HTTP map.
http-map	Defines an HTTP map for configuring enhanced HTTP inspection.

Commands	Description
inspect http	Applies a specific HTTP map to use for application inspection.
policy-map	Associates a class map with specific security actions.

show running-config icmp

To show the access rules configured for ICMP traffic, use the **show running-config icmp** command in privileged EXEC mode.

show running-config icmp *map_name*

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

The **show running-config icmp** command displays the access rules configured for ICMP traffic.

Examples

The following example shows sample output from the **show running-config icmp** command:

```
hostname# show running-config icmp
!
icmp permit host 172.16.2.15 echo-reply outside
icmp permit 172.22.1.0 255.255.0.0 echo-reply outside
icmp permit any unreachable outside
!
```

Related Commands

Commands	Description
clear configure icmp	Clears the ICMP configuration.
debug icmp	Enables the display of debug information for ICMP.
show icmp	Displays ICMP configuration.
timeout icmp	Configures the idle timeout for ICMP.

show running-config interface

To show the interface configuration in the running configuration, use the **show running-config interface** command in privileged EXEC mode.

show running-config [all] interface [*mapped_name* | *interface_name*]

Syntax Description

all	(Optional) Shows all interface commands, including the commands you have not changed from the default.
<i>interface_name</i>	(Optional) Identifies the interface name set with the nameif command.
<i>mapped_name</i>	(Optional) In multiple context mode, identifies the mapped name if it was assigned using the allocate-interface command.

Defaults

If you do not specify an interface, this command shows the configuration for all interfaces.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	•

Command History

Release	Modification
1.1(1)	The show interface command was introduced.
3.1(1)	This command was changed to show running-config interface .

Usage Guidelines

You cannot use the interface name in the system execution space, because the **nameif** command is only available within a context. Similarly, if you mapped the interface ID to a mapped name using the **allocate-interface** command, you can only use the mapped name in a context.

Examples

The following is sample output from the **show running-config interface** command. The following example shows the running configuration for all interfaces. The Vlan 35 and 37 interfaces have not been configured yet, and show the default configuration.

```
hostname# show running-config interface
!
interface Vlan20
  nameif inside
  security-level 100
  ip address 10.86.194.60 255.255.254.0
!
interface Vlan22
  shutdown
```

show running-config interface

```

nameif test
security-level 0
ip address 10.10.4.200 255.255.0.0
!
interface Vlan35
shutdown
no nameif
security-level 0
no ip address
!
interface Vlan37
shutdown
no nameif
security-level 0
no ip address
!
```

Related Commands

Command	Description
allocate-interface	Assigns interfaces and subinterfaces to a security context.
clear configure interface	Clears the interface configuration.
interface	Configures an interface and enters interface configuration mode.
nameif	Sets the interface name.
show interface	Displays the runtime status and statistics of interfaces.

show running-config interface bvi

To view the bridge virtual interface configuration in the running configuration, use the **show running-config interface bvi** command in privileged EXEC mode.

show running-config [all] interface bvi *bridge_group_number*

Syntax Description

all	(Optional) Shows all commands, including the commands you have not changed from the default.
<i>bridge_group_number</i>	Specifies the bridge group number as an integer between 1 and 100.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	—	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Examples

The following is sample output from the **show running-config interface bvi** command:

```
hostname# show running-config interface bvi 1

interface BVI1
```

Related Commands

Command	Description
bridge-group	Groups two transparent firewall interfaces into a bridge group.
clear configure interface bvi	Clears the bridge virtual interface configuration.
interface	Configures an interface.
interface bvi	Enters the interface configuration mode for a bridge group so you can set the management IP address.
ip address	Sets the management IP address for a bridge group.

show running-config ip address

To show the IP address configuration in the running configuration, use the **show running-config ip address** command in privileged EXEC mode.

show running-config ip address [*mapped_name* | *interface_name*]

Syntax Description

<i>interface_name</i>	(Optional) Identifies the interface name set with the nameif command.
<i>mapped_name</i>	(Optional) In multiple context mode, identifies the mapped name if it was assigned using the allocate-interface command.

Defaults

If you do not specify an interface, this command shows the IP address configuration for all interfaces.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	•	•	•	—

Command History

Release	Modification
3.1(1)	This command was introduced.

Usage Guidelines

In multiple context mode, if you mapped the interface ID in the **allocate-interface** command, you can only specify the mapped name or the interface name in a context.

In transparent firewall mode, do not specify an interface because the transparent firewall does not have IP addresses associated with the interfaces.

This display also shows the **nameif** command and **security-level** command configuration.

Examples

The following is sample output from the **show running-config ip address** command:

```
hostname# show running-config ip address
!
interface GigabitEthernet0
 nameif inside
 security-level 100
 ip address 10.86.194.60 255.255.254.0
!
interface GigabitEthernet1
 nameif test
 security-level 0
 ip address 10.10.4.200 255.255.0.0
!
```

Related Commands

Command	Description
clear configure interface	Clears the interface configuration.
interface	Configures an interface and enters interface configuration mode.
ip address	Sets the IP address for the interface or sets the management IP address for a transparent firewall.
nameif	Sets the interface name.
security-level	Sets the security level for the interface.

show running-config ip local pool

To display IP address pools, use the **show running-config ip local pool** command in privileged EXEC mode.

show running-config ip local pool [*poolname*]

Syntax Description

poolname (Optional) Specifies the name of the IP address pool.

Defaults

No default behavior or values.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
EXEC	•	—	•	—	—
Global configuration	•	—	•	—	—

Command History

Release	Modification
3.1(1)	Support for this command was introduced.

Examples

The following is sample output from the **show running-config ip local pool** command:

```
hostname(config)# show running-config ip local pool firstpool
```

```
Pool          Begin          End          Mask          Free    In use
firstpool      10.20.30.40    10.20.30.50  255.255.255.0  11
```

```
0
Available Addresses:
```

```
10.20.30.40
10.20.30.41
10.20.30.42
10.20.30.43
10.20.30.44
10.20.30.45
10.20.30.46
10.20.30.47
10.20.30.48
10.20.30.49
10.20.30.50
```

```
hostname(config)#
```

Related Commands

Command	Description
clear configure ip local pool	Removes all ip local pools
ip local pool	Configures an IP address pool.

show running-config ip verify reverse-path

To show the **ip verify reverse-path** configuration in the running configuration, use the **show running-config ip verify reverse-path** command in privileged EXEC mode.

show running-config ip verify reverse-path [*interface interface_name*]

Syntax Description

interface (Optional) Shows the configuration for the specified interface.
interface_name

Defaults

This command shows the configuration for all interfaces.

Command Modes

The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	—	•	•	—

Command History

Release	Modification
1.1(1)	This command was introduced.
3.1(1)	This command was changed from show ip verify reverse-path .

Examples

The following is sample output from the **show ip verify statistics** command:

```
hostname# show running-config ip verify reverse-path
ip verify reverse-path interface inside
ip verify reverse-path interface outside
ip verify reverse-path interface dmz
```

Related Commands

Command	Description
clear configure ip verify reverse-path	Clears the ip verify reverse-path configuration.
clear ip verify statistics	Clears the Unicast RPF statistics.
ip verify reverse-path	Enables the Unicast Reverse Path Forwarding feature to prevent IP spoofing.
show ip verify statistics	Shows the Unicast RPF statistics.

show running-config ipv6

To display the IPv6 commands in the running configuration, use the **show running-config ipv6** command in privileged EXEC mode.

show running-config [all] ipv6

Syntax Description	all	(Optional) Shows all ipv6 commands, including the commands you have not changed from the default, in the running configuration.
---------------------------	------------	--

Defaults	No default behavior or values.
-----------------	--------------------------------

Command Modes	The following table shows the modes in which you can enter the command:
----------------------	---

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple	
				Context	System
Privileged EXEC	•	—	•	•	—

Command History	Release	Modification
	3.1(1)	This command was introduced.

Examples	The following is sample output from the show running-config ipv6 command:
-----------------	--

```
hostname# show running-config ipv6
ipv6 unicast-routing
ipv6 route vlan101 ::/0 fec0::65:0:0:a0a:6575
ipv6 access-list outside_inbound_ipv6 permit ip any any
ipv6 access-list vlan101_inbound_ipv6 permit ip any any
hostname#
```

Related Commands	Command	Description
	debug ipv6	Displays IPv6 debug messages.
	show ipv6 access-list	Displays the IPv6 access list.
	show ipv6 interface	Displays the status of the IPv6 interfaces.
	show ipv6 route	Displays the contents of the IPv6 routing table.
	show ipv6 traffic	Displays IPv6 traffic statistics.

show running-config isakmp

To display the complete ISAKMP configuration, use the **show running-config isakmp** command in privileged EXEC mode.

show running-config isakmp

Syntax Description This command has no default behavior or values.

Defaults No default behavior or values.

Command Modes The following table shows the modes in which you can enter the command:

Command Mode	Firewall Mode		Security Context		
	Routed	Transparent	Single	Multiple Context	System
Privileged EXEC	•	•	•	•	—

Release	Modification
3.1(1)	This command was introduced.

Command History

Examples The following example issued in global configuration mode, displays information about the ISAKMP configuration:

```
hostname(config-if)# show running-config isakmp
isakmp enable inside
isakmp policy 1 authentication pre-share
isakmp policy 1 encryption 3des
isakmp policy 1 hash md5
isakmp policy 1 group 2
isakmp policy 1 lifetime 86400
hostname(config)#
```

Command	Description
clear configure isakmp	Clears all the ISAKMP configuration.
clear configure isakmp policy	Clears all ISAKMP policy configuration.
clear isakmp sa	Clears the IKE runtime SA database.
isakmp enable	Enables ISAKMP negotiation on the interface on which the IPSec peer communicates with the FWSM.
show isakmp sa	Displays IKE runtime SA database with additional information.

Related Commands

