



Catalyst 5000 Family Switch and ROM Monitor Commands

This chapter contains an alphabetical listing of all switch and ROM monitor commands available on the Catalyst 5000 family switches.

For information regarding the ATM CLI and commands, refer to the *ATM Software Configuration Guide and Command Reference—Catalyst 5000 Family and 6000 Family Switches* publication.



Note

The Catalyst 2926G series switches are not supported in software release 6.X.

alias

Use the **alias** command to set and display aliases.

alias [*name=value*]

Syntax Description	
<i>name=</i>	(Optional) Name you give to the alias.
<i>value</i>	(Optional) Value of the alias.

Defaults This command has no default settings.

Command Types ROM monitor command.

Command Modes Normal.

Usage Guidelines If *value* contains white space or other special (shell) characters, you must use quotation marks. If *value* has a space as its last character, the next command line word is checked for an alias (normally, only the first word on a command line is checked).

Without an argument, this command prints a list of all aliased names with their values.

An equal sign (=) is required between the name and value of the alias.

Examples This example shows how to display a list of available **alias** commands and how to create an alias for the **set** command:

```
rommon 1 > alias
r=repeat
h=history
?=help
b=boot
i=reset
rommon 2 > alias s=set
rommon 3 > alias
r=repeat
h=history
?=help
b=boot
i=reset
s=set
rommon 4 > s
PS1=rommon ! >
BOOT=bootflash:RTSYNC_llue_11,1;slot0:f1,1;
=====
```

Related Commands [unalias](#)

boot

Use the **boot** command to boot up an external process.

```
boot [-xv] [device][imagename]
```

Syntax Description

<i>-x</i>	(Optional) Load the image but do not execute.
<i>-v</i>	(Optional) Toggle verbose mode.
<i>device</i>	(Optional) ID of the device.
<i>imagename</i>	(Optional) Name of the image.

Defaults

This command has no default settings.

Command Types

ROM monitor command.

Command Modes

Normal.

Usage Guidelines

With no arguments, **boot** will boot the first image in Flash. Specify an image by typing its name. Specify the device by typing the device ID.

You must specify a device name.

Examples

This example shows how to use the **boot** command:

```
rommon> boot -x bootflash:cat5000-sup3.6-1-0-59.bin
cccccccccccccccccccccccccccccccccccccccccccccccccccccccccccc
Uncompressing file:
#####
#####
#####
rommon>
```

cd

Use the **cd** command to set the default Flash device for the system.

```
cd [[m/]device:]
```

Syntax Description	<i>m/</i>	(Optional) Module number of the supervisor engine containing the Flash device.
	<i>device:</i>	(Optional) Flash device name. Valid devices include bootflash:, slot0:, and slot1:.

Defaults	The default Flash device is bootflash.
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Command Types	Switch command.
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Command Modes	Privileged.
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Usage Guidelines	<p>A colon (:) is required after the specified device.</p> <p>For those commands where device is an option, the device set by cd is used if a Flash device is not specified.</p> <p>This command is supported on the Supervisor Engine III only.</p>
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Examples	This example shows how to set the system default Flash device to bootflash:
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```
Console> (enable) cd bootflash:
Console> (enable)
```

Related Commands	pwd
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clear alias

Use the **clear alias** command to clear the abbreviated versions of commands.

```
clear alias {name | all}
```

Syntax Description	<i>name</i>	Alternate identifier of the command.
	all	Keyword to identify every alternate identifier previously created.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to erase the arpdel alias:

```
Console> (enable) clear alias arpdel  
Command alias deleted.  
Console> (enable)
```

This example shows how to erase all the aliases:

```
Console> (enable) clear alias all  
Command alias table cleared. (1)  
Console> (enable)
```

(1) indicates the number of entries cleared.

Related Commands [set alias](#)
[show alias](#)

clear arp

Use the **clear arp** command to delete a specific entry or all entries from the ARP table.

```
clear arp [all | dynamic | permanent | static]
```

```
clear arp ip_addr
```

Syntax Description	
all	(Optional) Keyword to clear all ARP entries.
dynamic	(Optional) Keyword to clear all dynamic ARP entries.
permanent	(Optional) Keyword to clear all permanent ARP entries.
static	(Optional) Keyword to clear all static ARP entries.
<i>ip_addr</i>	IP address to clear from the ARP table.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to remove a specific IP address from the ARP table:

```
Console> (enable) clear arp 198.133.219.209
ARP entry deleted.
Console> (enable)
```

This example shows how to remove all entries from the ARP table:

```
Console> (enable) clear arp all
ARP table cleared. (1)
Console> (enable)
```

(1) indicates the number of entries cleared.

This example shows how to remove all ARP entries of a specific type:

```
Console> (enable) clear arp dynamic
Unknown host
Dynamic ARP entries cleared. (3)
Console> (enable)
```

Related Commands [set arp](#)
[show alias](#)