



Catalyst 5000 Family, 4000 Family, 2926G Series, 2948G, and 2980G Switch and ROM Monitor Commands

This chapter contains an alphabetical listing of all switch and ROM monitor commands available on the Catalyst 5000 family, 4000 family, 2926G series, 2948G, and 2980G switches.

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
ls=dir
i=reset
k=stack
rommon 2 > alias s=set
rommon 3 > alias
r=repeat
h=history
?=help
b=boot
ls=dir
i=reset
k=stack
s=set
rommon 4 > s
PS1=rommon ! >
BOOT=bootflash:RTSYNC_1lue_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	
-x	(Optional) Load the image but do not execute.
-v	(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 setting.

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-sup3.5-1-0-59.bin
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Uncompressing file:
#####
#####
#####
rommon>
```

cd

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

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

Syntax Description	<p><i>m/</i> (Optional) Module number of the supervisor engine containing the Flash device.</p> <hr/> <p><i>device</i>: (Optional) Flash device name. Valid devices include bootflash:, slot0:, and slot1:.</p> <hr/>
Defaults	The default Flash device is bootflash.
Command Types	Switch command.
Command Modes	Privileged.
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>In the Catalyst 5000 family switches, this command is supported on the Supervisor Engine III and III F.</p>
Examples	<p>This example shows how to set the system default Flash device to bootflash:</p> <pre>Console> (enable) cd bootflash: Console> (enable)</pre>
Related Commands	pwd

clear alias

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

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

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

Defaults This command has no default setting.

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

Defaults This command has no default setting.

Command Types Switch command.

Command Modes Privileged.

Examples This example shows how to remove IP address 198.133.219.209 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 dynamically learned ARP entries:

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

This example shows how to clear all permanently entered ARP entries:

```
Console> (enable) clear arp permanent
Unknown host
Permanent ARP entries cleared. (5)
Console> (enable)
```

■ clear arp

Related Commands

set arp
show arp