



## Catalyst 6500 Series Switch and ROM Monitor Commands

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This chapter contains an alphabetical listing of all switch and ROM monitor commands available on the Catalyst 6500 series switches.

For information regarding ATM module-related commands, refer to the *ATM Software Configuration Guide and Command Reference for the Catalyst 5000 Family and 6000 Family Switches*.

For information regarding IDS module-related commands, refer to the *Catalyst 6500 Series Switch Intrusion Detection System Module Installation and Configuration Note*.

Except where specifically differentiated, the Layer 3 switching engine refers to one of the following:

- Supervisor Engine 1 with Layer 3 Switching Engine WS-F6K-PFC (Policy Feature Card)
- Supervisor Engine 2 with Layer 3 Switching Engine II (PFC2)

# alias

To set and display command aliases, use the **alias** command.

```
alias [name=value]
```

<b>Syntax Description</b>	<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.

You must issue a **sync** command to save your change. If you do not issue a **sync** command, the change is not saved, and a **reset** removes your change.

**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;
=====
```

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**Related Commands** [unalias](#)

# boot

To boot up an external process, use the **boot** command.

```
boot [-x] [-v] [device:][imagename]
```

Syntax Description	
<b>-x</b>	(Optional) Load the image but do not execute.
<b>-v</b>	(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** If you do not enter any arguments, the **boot** command boots the first image in bootflash. To specify an image, enter the image name. To specify the device, enter the device ID.

If a device is not entered with an image name, the image is not booted.

If a device name is not recognized by the monitor, the monitor passes the device ID to the boot helper image.

This command will not boot the MSFC if the PFC is not present in the Catalyst 6500 series switch.

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

```
rommon 2 > boot bootflash:cat6000-sup.6-1-1.bin
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Uncompressing file:
#####
#####
#####
```