

meminfo

Use the **meminfo** command to display information about the main memory, packet memory, and NVRAM.

meminfo [-l]

Syntax Description	-l (Optional) Keyword to specify the long listing, which displays the supported DRAM configurations.
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Defaults	This command has no default setting.
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Command Types	ROM monitor command.
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Command Modes	Normal.
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Usage Guidelines	The minus sign (-) is required with the -l option.
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Examples	This example shows how to use the meminfo command:
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```
rommon 9 > meminfo
```

```
Main memory size: 16 MB in 32 bit mode.  
Available main memory starts at 0xa000e000, size 16328KB  
IO (packet) memory size: 25 percent of main memory.  
NVRAM size: 32KB
```

ping

Use the **ping** command to send ICMP echo request packets to another node on the network.

```
ping [-s] host [packet_size] [packet_count]
```

Syntax Description	-s	(Optional) Argument to cause ping to send one datagram per second when a response is received from the specified host.
	host	IP address or IP alias of the host.
	packet_size	(Optional) Number of bytes in each ICMP echo request packet.
	packet_count	(Optional) Number of packets to send.

Defaults The default is to send a single 56-byte ICMP echo request packet to the specified host.

Command Types Switch command.

Command Modes Normal.

Usage Guidelines Press **Ctrl-C** to stop pinging.

Following are sample results of the **ping** command:

- Normal response—The normal response occurs in one to ten seconds, depending on network traffic.
- Destination does not respond—If the host does not respond, a “*no answer from host*” appears in ten seconds.
- Destination unreachable—The gateway for this destination indicates that the destination is unreachable.
- Network or host unreachable—The switch found no corresponding entry in the route table.

Examples This example shows how to ping a host with IP alias elvis a single time:

```
Console> ping elvis
elvis is alive
Console>
```

This example shows how to ping a host with IP alias elvis once per second until you press **Ctrl-C** to stop pinging:

```
Console> ping -s elvis
ping elvis: 56 data bytes
64 bytes from elvis: icmp_seq=0. time=11 ms
64 bytes from elvis: icmp_seq=1. time=8 ms
64 bytes from elvis: icmp_seq=2. time=8 ms
64 bytes from elvis: icmp_seq=3. time=7 ms
64 bytes from elvis: icmp_seq=4. time=11 ms
64 bytes from elvis: icmp_seq=5. time=7 ms
```

```
64 bytes from elvis: icmp_seq=6. time=7 ms
^C

----elvis PING Statistics----
7 packets transmitted, 7 packets received, 0% packet loss
round-trip (ms)  min/avg/max = 7/8/11
Console>
```

This example shows how to ping IP host elvis 10 times using 1200 byte packets:

```
Console> ping -s elvis 1200 10
PING elvis:1200 data bytes
1208 bytes from elvis:icmp_seq=0. time=3 ms
1208 bytes from elvis:icmp_seq=1. time=3 ms
1208 bytes from elvis:icmp_seq=2. time=3 ms
1208 bytes from elvis:icmp_seq=3. time=3 ms
1208 bytes from elvis:icmp_seq=4. time=3 ms
1208 bytes from elvis:icmp_seq=5. time=3 ms
1208 bytes from elvis:icmp_seq=6. time=3 ms
1208 bytes from elvis:icmp_seq=7. time=3 ms
1208 bytes from elvis:icmp_seq=8. time=4 ms
1208 bytes from elvis:icmp_seq=9. time=3 ms

----elvis PING Statistics----
10 packets transmitted, 10 packets received, 0% packet loss
round-trip (ms)  min/avg/max = 3/3/4
Console>
```

Related Commands

- set interface
- set ip route
- show interface
- show ip route

pwd

Use the **pwd** command to show the current default Flash device.

pwd [*mod*]

Syntax Description	<i>mod</i>	(Optional) Module number of the supervisor engine for which to display the current default Flash device.
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Defaults	If no module number is specified, pwd defaults to the active supervisor engine.	
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Command Types	Switch command.	
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Command Modes	Privileged.	
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Usage Guidelines	This command is not supported on the Catalyst 5000 family Supervisor Engine II, II G, and III G.	
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Examples	This example shows how to use the pwd command to display the current default Flash device:	
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```

Console> pwd
bootflash
Console> cd
Default flash device set to slot0.
Console> pwd
slot0

```

quit

Use the **quit** command to exit a CLI session.

quit

Syntax Description This command has no arguments or keywords.

Defaults This command has no default setting.

Command Types Switch command.

Command Modes Normal.

Usage Guidelines The **exit** and **logout** commands perform the same function as the **quit** command.

Examples This example shows how to quit a CLI session:

```
Console> quit
Connection closed by foreign host.
host%
```

reconfirm vmmps

Use the **reconfirm vmmps** command to reconfirm the current dynamic port VLAN membership assignments with the VMPS server.

reconfirm vmmps

Syntax Description This command has no arguments or keywords.

Defaults This command has no default setting.

Command Types Switch command.

Command Modes Privileged.

Usage Guidelines VMPS database changes are not conveyed automatically to switches participating in VMPS. Therefore, after making a VMPS database change, use this command on VMPS clients and servers to apply the database changes.

Examples This example shows how to reconfirm the current dynamic port VLAN membership with VMPS:

```
Console (enable) reconfirm vmmps
reconfirm process started
Use 'show dvlan statistics' to see reconfirm status
Console (enable)
```

Related Commands **clear vmmps server**
show dvlan statistics