



H Commands

This chapter describes the Cisco NX-OS Ethernet and virtual Ethernet commands that begin with H.

hardware multicast hw-hash

To use hardware hashing for multicast traffic on an EtherChannel interface, use the **hardware multicast hw-hash** command. To restore the defaults, use the **no** form of this command.

hardware multicast hw-hash

no hardware multicast hw-hash

Syntax Description	This command has no arguments or keywords.
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Command Default	The software selection method is used for multicast traffic.
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Command Modes	Interface configuration mode
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Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

Usage Guidelines	By default, ingress multicast traffic on any port in the switch selects a particular EtherChannel member to egress the traffic. To reduce potential issues with the bandwidth and to provide effective load balancing of the ingress multicast traffic, hardware hashing is used for multicast traffic.
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**Note**

Hardware hashing is not available on a Cisco Nexus 2000 Series Fabric Extender HIF port (downlink port).
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Examples	This example shows how to set the hardware hashing for multicast traffic on an EtherChannel interface:
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```
switch(config)# interface port-channel 21
switch(config-if)# hardware multicast hw-hash
switch(config-if)#
```

This example shows how to restore the default software selection method for multicast traffic on an EtherChannel interface:

```
switch(config)# interface port-channel 21
switch(config-if)# hardware multicast hw-hash
switch(config-if)# no hardware multicast hw-hash
switch(config-if)#
```

Related Commands	Command	Description
	show interface port-channel	Displays the status of the EtherChannel interface configuration.

high-performance host-netio (virtual Ethernet interface)

To turn on high performance on the host, use the **high-performance host-netio** command. To disable high performance, use the **no** form of this command.

high-performance host-netio

no high-performance host-netio

Syntax Description	This command has no arguments or keywords.
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Command Default	Disabled
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Command Modes	Virtual Ethernet interface configuration mode
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Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

Usage Guidelines	This command does not require a license.
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Examples	This example shows how to enable high performance on the host:
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```
switch# configure terminal
switch(config)# interface vethernet 1
switch(config-if)# high-performance host-netio
switch(config-if)#
```

Related Commands	Command	Description
	show interface vethernet	Displays virtual Ethernet interface configuration information.
	show running-config interface	Displays the running configuration information for an interface.

■ high-performance host-netio (virtual Ethernet interface)