



# H Commands

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This chapter describes the Cisco NX-OS IGMP snooping commands that begin with H.

# hardware multicast snooping group-limit

To configure the number of groups learned through IGMP Snooping, use the **hardware multicast snooping group-limit** command.

**hardware multicast snooping group-limit** *limit*

<b>Syntax Description</b>	<b>limit</b>	Number of groups learned through IGMP Snooping. The range is from 100 to 16000.
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<b>Command Default</b>	None
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<b>Command Modes</b>	Any command mode
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<b>SupportedUserRoles</b>	network-admin network-operator vdc-admin vdc-operator
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<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	6.0(2)N1(1)	This command was introduced.

<b>Usage Guidelines</b>	<p>Before setting a new group-limit, you must either clear the MAC address table or clear the groups already learned if the existing group limit is already exceeded. There is no need to clear the MAC address table or clear the groups if existing group limit is not exceeded.</p>
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The unique OIFL (output interface list) combinations can only be 2000.

Use the vPC type-2 inconsistency to show the configurations on vPC peers.

A reload is not necessary after configuring the group-limit.

This command does not require a license.

<b>Examples</b>	This example shows how to set the maximum number of groups to 500:
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```
switch(config)# hardware multicast snooping group-limit 500
switch(config)#
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show ip igmp snooping groups</b>	Displays information about the group membership for IGMP snooping.

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**Usage Guidelines**

This command does not require a license.

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**Examples**

This example shows how to clear the explicit tracking information for VLAN 1:

```
switch# clear ip igmp snooping explicit-tracking vlan 1
switch#
```

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**Related Commands**

Command	Description
<code>show ip igmp snooping explicit-tracking vlan</code>	Displays explicit host tracking information for IGMPv3.

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