



# H Commands

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This chapter describes the Cisco NX-OS Border Gateway Protocol (BGP) commands that begin with H.

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# hardware ip glean throttle

To enable Address Resolution Protocol (ARP) throttling, use the **hardware ip glean throttle** command. To return to the default setting, use the **no** form of this command.

**hardware ip glean throttle**

**no hardware ip glean throttle**

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**Syntax Description** This command has no arguments or keywords.

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**Defaults** Disabled

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**Command Modes** Global configuration

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Release	Modification
6.0(2)N1(1)	This command was introduced.

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**Usage Guidelines****Note**

We recommend that you configure the IP glean throttle feature by using the **hardware ip glean throttle** command to filter the unnecessary glean packets that are sent to the supervisor for ARP resolution for the next hops that are not reachable or do not exist. IP glean throttling boosts software performance and helps to manage traffic more efficiently.

This command does not require a license.

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**Examples** This example shows how to enable ARP throttling:

```
switch(config)# hardware ip glean throttle
switch(config)#
```

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Command	Description
<b>show hardware proxy layer-3 detail</b>	Displays Layer-3 proxy detail information.

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# hardware ip glean throttle maximum

To limit the maximum number of drop adjacencies that will be installed in the Forwarding Information Base (FIB), use the **hardware ip glean throttle maximum** command. If **no** form is used, default limits will be applied.

**hardware ip glean throttle maximum** *count*

**no hardware ip glean throttle maximum** *count*

**Syntax Description**

<i>count</i>	Maximum count. The range is from 0 to 2147483647.
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**Defaults**

The default value for count is 1000. The minimum value is 0 and the maximum value is 32767 entries

**Command Modes**

Global configuration

**Command History**

Release	Modification
6.0(2)N1(1)	This command was introduced.

**Usage Guidelines**

If the maximum number of entries are exceeded, the packets for which ARP is not resolved continue to be processed in the software instead of getting dropped in the hardware.

This command does not require a license.

**Examples**

This example shows how to limit the maximum number of drop adjacencies that are installed in the FIB:

```
switch(config)# hardware ip glean throttle maximum 2134
switch(config)#
```

**Related Commands**

Command	Description
<b>show hardware proxy layer-3 detail</b>	Displays Layer-3 proxy detail information.

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