



H Commands

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

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

Syntax Description This command has no arguments or keywords.

Defaults Disabled

Command Modes Global configuration

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

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.

Examples This example shows how to enable ARP throttling:

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

Command	Description
show hardware proxy layer-3 detail	Displays Layer-3 proxy detail information.

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
show hardware proxy layer-3 detail	Displays Layer-3 proxy detail information.

■ hardware ip glean throttle maximum