



R Commands

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rate-limit cpu direction

To set the packet per second (PPS) rate limit for an interface, use the **rate-limit cpu direction** command.

To revert to the default value, use the no form of this command.

```
rate-limit cpu direction {both | input | output} pps pps_value action log
no rate-limit cpu direction {both | input | output} pps pps_value action log
```

Syntax Description	both Sets the maximum input and output packet rate. input Sets the maximum input packet rate. output Sets the maximum output packet rate. ppspps_value Specifies the packets per second. The range is from 0 to 100,000. action Specifies the action is logged. log Writes a syslog message if the PPS value matches or exceeds the specified rate limit.
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Command Default	None				
Command Modes	Interface configuration mode				
Command History	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Release</th> <th style="text-align: left; padding: 2px;">Modification</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">5.1(3)N1(1)</td> <td style="padding: 2px;">This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	5.1(3)N1(1)	This command was introduced.
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5.1(3)N1(1)	This command was introduced.				

Usage Guidelines	This command does not require a license.
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Example

This example shows how to set the maximum input packet rate to 3 for an interface and enable the logging of syslog messages:

```
switch#configure terminal
switch(config)#interface ethernet 1/5
switch(config-if)#rate-limit cpu direction input pps 3 action log
switch(config-if)#

```

Related Commands	Command	Description
	show running-config	Displays the running system configuration information.
	remote ip address	Configures the IPv4 address for a remote machine.
	remote port	Configures the TCP port for a remote machine.

Command	Description
remote vrf	Configures the virtual routing and forwarding (VRF) instance for a remote machine.
show svs connections	Displays SVS connection information.
svs connection	Enables an SVS connection.

resync-database

To resynchronize the switch profile databases, use the **resync-database** command.

resync-database

Syntax Description This command has no arguments or keywords.

Command Default None

Command Modes Switch profile configuration mode

Command History	Release	Modification
5.0(2)N2(1)	This command was introduced.	

Examples

This example shows how to resynchronize the switch profile databases:

```
switch# configure sync
Enter configuration commands, one per line. End with CNTL/Z.
switch(config-sync)# resync-database
Re-synchronization of switch-profile db takes a few minutes...
Re-synchronize switch-profile db completed successfully.
switch(config-sync)#

```

Related Commands

Command	Description
switch-profile	Configures a switch profile.