



Clear IP Traffic CLI

The Clear IP Traffic CLI feature introduces the **clear ip traffic** command to clear all IP traffic statistics on a router instead of reloading the router. For added safety, the user will see a confirmation prompt when entering this new command.

History for the Clear IP Traffic Statistics Feature

Release	Modification
12.4(2)T	This feature was introduced.

Finding Support Information for Platforms and Cisco IOS Software Images

Use Cisco Feature Navigator to find information about platform support and Cisco IOS software image support. Access Cisco Feature Navigator at <http://www.cisco.com/go/fn>. You must have an account on Cisco.com. If you do not have an account or have forgotten your username or password, click **Cancel** at the login dialog box and follow the instructions that appear.

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How to Clear IP Traffic Statistics

This section has the following procedure:

- [Clearing IP Traffic Statistics, page 2](#)



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Clearing IP Traffic Statistics

Perform this task to clear all IP traffic statistics. Use the **clear ip traffic** command in conjunction with the **show ip traffic** command.

SUMMARY STEPS

1. **enable**
2. **clear ip traffic**
3. **end**

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable Example: Router> enable	Enables privileged EXEC mode. • Enter your password if prompted.
Step 2	clear ip traffic Example: Router# clear ip traffic	Clears all IP traffic statistical counters on all interfaces.
Step 3	end Example: Router# end	Exits to EXEC mode.

Examples

The following example shows how to clear the IP traffic statistics.

```
Router# clear ip traffic

Clear "show ip traffic" counters [confirm]
y
```

The following example shows that the IP traffic statistics have been cleared.

```
Router# show ip traffic

IP statistics:
Rcvd:  0 total, 0 local destination
       0 format errors, 0 checksum errors, 0 bad hop count
       0 unknown protocol, 0 not a gateway
       0 security failures, 0 bad options, 0 with options
Opts:  0 end, 0 nop, 0 basic security, 0 loose source route
       0 timestamp, 0 extended security, 0 record route
       0 stream ID, 0 strict source route, 0 alert, 0 cipso
       0 other
Frgs:  0 reassembled, 0 timeouts, 0 couldn't reassemble
       0 fragmented, 0 couldn't fragment
Bcast: 0 received, 0 sent
```

```
Mcast: 0 received, 0 sent
Sent: 0 generated, 0 forwarded
Drop: 0 encapsulation failed, 0 unresolved, 0 no adjacency
      0 no route, 0 unicast RPF, 0 forced drop

ICMP statistics:
Rcvd: 0 format errors, 0 checksum errors, 0 redirects, 0 unreachable
      0 echo, 0 echo reply, 0 mask requests, 0 mask replies, 0 quench
      0 parameter, 0 timestamp, 0 info request, 0 other
      0 irdp solicitations, 0 irdp advertisements
Sent: 0 redirects, 0 unreachable, 0 echo, 0 echo reply
      0 mask requests, 0 mask replies, 0 quench, 0 timestamp
      0 info reply, 0 time exceeded, 0 parameter problem
      0 irdp solicitations, 0 irdp advertisements

UDP statistics:
Rcvd: 0 total, 0 checksum errors, 0 no port
Sent: 0 total, 0 forwarded broadcasts

TCP statistics:
Rcvd: 0 total, 0 checksum errors, 0 no port
Sent: 0 total

Probe statistics:
Rcvd: 0 address requests, 0 address replies
      0 proxy name requests, 0 where-is requests, 0 other
Sent: 0 address requests, 0 address replies (0 proxy)
      0 proxy name replies, 0 where-is replies

EGP statistics:
Rcvd: 0 total, 0 format errors, 0 checksum errors, 0 no listener
Sent: 0 total

IGRP statistics:
Rcvd: 0 total, 0 checksum errors
Sent: 0 total

OSPF statistics:
Rcvd: 0 total, 0 checksum errors
      0 hello, 0 database desc, 0 link state req
      0 link state updates, 0 link state acks

Sent: 0 total

IP-IGRP2 statistics:
Rcvd: 0 total
Sent: 0 total

PIMv2 statistics: Sent/Received
Total: 0/0, 0 checksum errors, 0 format errors
Registers: 0/0, Register Stops: 0/0, Hellos: 0/0
Join/Prunes: 0/0, Asserts: 0/0, grafts: 0/0
Bootstraps: 0/0, Candidate_RP_Advertisements: 0/0

IGMP statistics: Sent/Received
Total: 0/0, Format errors: 0/0, Checksum errors: 0/0
Host Queries: 0/0, Host Reports: 0/0, Host Leaves: 0/0
DVMRP: 0/0, PIM: 0/0
```

Additional References

The following sections provide references related to the Clear IP Traffic feature.

Related Documents

Related Topic	Document Title
IP application services configuration tasks	<i>Cisco IOS IP Application Services Configuration Guide</i> , Release 12.4
IP application services commands: complete command syntax, command mode, command history, defaults, usage guidelines, and examples	<i>Cisco IOS IP Application Services Command Reference</i> , Release 12.4

Standards

Standard	Title
No new or modified standards are supported by this feature, and support for existing standards has not been modified by this feature.	—

MIBs

MIBs	MIBs Link
No new or modified MIBs are supported by this feature, and support for existing MIBs has not been modified by this feature.	To locate and download MIBs for selected platforms, Cisco IOS releases, and feature sets, use Cisco MIB Locator found at the following URL: http://www.cisco.com/go/mibs

RFCs

RFCs	Title
No new or modified RFCs are supported by this feature, and support for existing RFCs has not been modified by this feature.	—

Technical Assistance

Description	Link
The Cisco Technical Support website contains thousands of pages of searchable technical content, including links to products, technologies, solutions, technical tips, and tools. Registered Cisco.com users can log in from this page to access even more content.	http://www.cisco.com/techsupport

Command Reference

This section documents one new command only.

- [clear ip traffic](#)

clear ip traffic

To clear all IP traffic statistics on all interfaces of a router, use the **clear ip traffic** command in privileged EXEC mode.

clear ip traffic

Syntax Description This command has no arguments or keywords.

Command Modes Privileged EXEC

Command History	Release	Modification
	12.4(2)T	This command was introduced.

Examples The following example clears all IP traffic statistics on all interfaces:

```
Router# clear ip traffic
```

Related Commands	Command	Description
	show ip traffic	Displays statistics about IP traffic.

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