



Clear IPC Statistics

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The **show ipc** command displays various interprocess communication (IPC) counters and is used for troubleshooting issues with IPC services. Without the ability to clear the IPC counters, it is difficult to determine whether an individual IPC message indicates a new or existing issue. This feature introduces a new command—**clear ipc statistics**—to clear and reset statistics that were previously reset only when the router image was reloaded. A new keyword—**cumulative**—has been added to the **show ipc** command. These two IPC updates provide improved IPC troubleshooting services.

History for the Clear IPC Statistics Feature

Release	Modification
12.2(15)T	This feature was introduced.
12.2(28)SB	This feature was integrated into Cisco IOS Release 12.2(28)SB.

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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Information About Clear IPC Statistics

To use the Clear IPC Statistics feature, you should understand the following concept:

- [Cisco IOS IPC Services, page 2](#)

Cisco IOS IPC Services

The Cisco IOS version of IPC provides a reliable ordered delivery of messages using an underlying platform driver transport or User Datagram Protocol (UDP) transport protocol. Cisco IOS software IPC services allow line cards (LCs) and the central route processor (RP) in a distributed system, such as a Cisco 7500 series router, to communicate with each other by exchanging messages from the RP to the LCs. Communication messages are also exchanged between active and standby RPs. The IPC messages include configuration commands, responses to the configuration commands, and other events that are reported by an LC to the RP.

How to Clear IPC Statistics

This section contains the following tasks:

- [Clearing IPC Statistics, page 2](#) (optional)
- [Displaying Cumulative IPC Statistics, page 5](#) (optional)

Clearing IPC Statistics

Perform this task to clear the IPC statistics to establish a baseline for troubleshooting issues with IPC services.

SUMMARY STEPS

1. **enable**
2. **show ipc { nodes | ports [open] | queue | status [cumulative]}**
3. **clear ipc statistics**
4. **show ipc { nodes | ports [open] | queue | status [cumulative]}**

DETAILED STEPS

Step 1 enable

Enters privileged EXEC mode. Enter your password if prompted.

```
Router> enable
```

Step 2 show ipc { nodes | ports [open] | queue | status [cumulative]}

Use this privileged EXEC command with the **status** keyword to display the status of the local IPC server.

```
Router# show ipc status
```

```
IPC System Status
```

Time last IPC stat cleared : never

This processor is the IPC master server.
Do not drop output of IPC frames for test purposes.

1000 IPC Message Headers Cached.

	Rx Side	Tx Side
Total Frames	189	140
Total from Local Ports	189	70
Total Protocol Control Frames	70	44
Total Frames Dropped	0	0

Service Usage

Total via Unreliable Connection-Less Service	145	0
Total via Unreliable Sequenced Connection-Less Svc	0	0
Total via Reliable Connection-Oriented Service	44	70

IPC Protocol Version 0

Total Acknowledgements	70	44
Total Negative Acknowledgements	0	0

Device Drivers

Total via Local Driver	0	0
Total via Platform Driver	0	70
Total Frames Dropped by Platform Drivers	0	0

Reliable Tx Statistics

Re-Transmission	0
Re-Tx Timeout	0

Rx Errors

Unsupp IPC Proto Version	0
Corrupt Frame	0
Duplicate Frame	0
Out-of-Sequence Frame	0
Dest Port does Not Exist	0
Rx IPC Msg Alloc Failed	0
Unable to Deliver Msg	0

Tx Errors

Tx Session Error	0
Tx Seat Error	0
Destination Unreachable	0
Tx Test Drop	0
Tx Driver Failed	0
Ctrl Frm Alloc Failed	0

Buffer Errors

IPC Msg Alloc	0
Emer IPC Msg Alloc	0
IPC Frame PakType Alloc	0
IPC Frame MemD Alloc	0

Misc Errors

IPC Open Port	0
No HWQ	0
Hardware Error	0

Tx Driver Errors

No Transport	0
MTU Failure	0
Dest does not Exist	0

Step 3 clear ipc statistics

Use this privileged EXEC command to clear and reset all the IPC counters.

```
Router# clear ipc statistics
```

Step 4 show ipc {nodes | ports [open] | queue | status [cumulative]}

Use this privileged EXEC command with the **status** keyword again to display the status of the local IPC server. Note the time since the statistics were cleared and that all the counters, except those counters that show the packets sent since the clearing, are now reset to zero.

```
Router# show ipc status
```

```
IPC System Status
```

```
Time last IPC stat cleared : 00:00:03
```

```
This processor is the IPC master server.
Do not drop output of IPC frames for test purposes.
```

```
1000 IPC Message Headers Cached.
```

	Rx Side	Tx Side
Total Frames	26	0
Total from Local Ports	26	0
Total Protocol Control Frames	0	0
Total Frames Dropped	0	0

Service Usage

Total via Unreliable Connection-Less Service	26	0
Total via Unreliable Sequenced Connection-Less Svc	0	0
Total via Reliable Connection-Oriented Service	0	0

IPC Protocol Version 0

Total Acknowledgements	0	0
Total Negative Acknowledgements	0	0

Device Drivers

Total via Local Driver	0	0
Total via Platform Driver	0	0
Total Frames Dropped by Platform Drivers	0	0

Reliable Tx Statistics

Re-Transmission	0
Re-Tx Timeout	0

Rx Errors

Tx Errors

Unsupp IPC Proto Version	0	Tx Session Error	0
Corrupt Frame	0	Tx Seat Error	0
Duplicate Frame	0	Destination Unreachable	0
Out-of-Sequence Frame	0	Tx Test Drop	0
Dest Port does Not Exist	0	Tx Driver Failed	0
Rx IPC Msg Alloc Failed	0	Ctrl Frm Alloc Failed	0
Unable to Deliver Msg	0		

Buffer Errors

Misc Errors

```

IPC Msg Alloc          0  IPC Open Port          0
Emer IPC Msg Alloc    0  No HWQ                  0
IPC Frame PakType Alloc 0  Hardware Error         0
IPC Frame MemD Alloc  0

```

Tx Driver Errors

```

No Transport          0
MTU Failure           0
Dest does not Exist  0

```

Displaying Cumulative IPC Statistics

Perform this task to display the IPC statistics with cumulative totals. The **show ipc status** command displays the IPC statistics generated after a **clear ipc statistics** command has been entered. The **show ipc status** command with the **cumulative** keyword displays the IPC statistics gathered since the router was rebooted, regardless of how many times the statistics have been cleared. If the IPC statistics have not been cleared, the output displayed by the **cumulative** keyword is the same as that displayed by the generic form of the **show ipc status** command.

SUMMARY STEPS

1. **enable**
2. **show ipc {nodes | ports [open] | queue | status [cumulative]}**

DETAILED STEPS

Step 1 enable

Use this command to enter privileged EXEC mode. Enter your password if prompted.

```
Router> enable
```

Step 2 show ipc {nodes | ports [open] | queue | status [cumulative]}

Use this privileged EXEC command with the **cumulative** keyword to display the IPC statistics gathered since the router was rebooted, regardless of how many times the IPC statistics have been cleared.

```
Router# show ipc status cumulative
```

```
IPC System Status
```

```
Time last IPC stat cleared : 00:00:03
```

```
This processor is the IPC master server.
Do not drop output of IPC frames for test purposes.
```

```
1000 IPC Message Headers Cached.
```

	Rx Side	Tx Side
Total Frames	3473	184
Total from Local Ports	3473	92
Total Protocol Control Frames	92	54
Total Frames Dropped	0	0

```
Service Usage
```

Total via Unreliable Connection-Less Service	2449	0	
Total via Unreliable Sequenced Connection-Less Svc	970	0	
Total via Reliable Connection-Oriented Service	54	92	
IPC Protocol Version 0			
Total Acknowledgements	0	0	
Total Negative Acknowledgements	0	0	
Device Drivers			
Total via Local Driver	0	0	
Total via Platform Driver	0	92	
Total Frames Dropped by Platform Drivers	0	0	
Reliable Tx Statistics			
Re-Transmission		0	
Re-Tx Timeout		0	
Rx Errors		Tx Errors	
Unsupp IPC Proto Version	0	Tx Session Error	0
Corrupt Frame	0	Tx Seat Error	0
Duplicate Frame	0	Destination Unreachable	0
Out-of-Sequence Frame	0	Tx Test Drop	0
Dest Port does Not Exist	0	Tx Driver Failed	0
Rx IPC Msg Alloc Failed	0	Ctrl Frm Alloc Failed	0
Unable to Deliver Msg	0		
Buffer Errors		Misc Errors	
IPC Msg Alloc	0	IPC Open Port	0
Emer IPC Msg Alloc	0	No HWQ	0
IPC Frame PakType Alloc	0	Hardware Error	0
IPC Frame MemD Alloc	0		
Tx Driver Errors			
No Transport	0		
MTU Failure	0		
Dest does not Exist	0		

Additional References

The following sections provide references related to IPC statistics.

Related Documents

Related Topic	Document Title
IPC commands: complete command syntax, command mode, defaults, usage guidelines, and examples.	Cisco IOS Interface Command Reference , Release 12.2T

Standards

Standard	Title
None	—

MIBs

MIBs	MIBs Link
None	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

RFC	Title
None	—

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 new and modified commands. All other commands used with this feature are documented in the Cisco IOS Release 12.2T command reference publications.

- [clear ipc statistics](#)
- [show ipc](#)

clear ipc statistics

To clear all interprocess communication (IPC) statistics, use the **clear ipc statistics** command in privileged EXEC mode.

clear ipc statistics

Syntax Description This command has no arguments or keywords.

Command Modes Privileged EXEC

Command History	Release	Modification
	12.2(15)T	This command was introduced.
	12.2(28)SB	This command was integrated into Cisco IOS Release 12.2(28)SB.

Usage Guidelines The **clear ipc statistics** command clears all the IPC statistics and is useful for troubleshooting issues with IPC services.

Examples The following example shows how to clear all of the statistics used by IPC services. A **show ipc status** command is issued first to display the current IPC counters for a local IPC server. The **clear ipc statistics** command is then entered to clear and reset the counters. A final **show ipc status** command is issued to show that all the counters, except those counters that show the packets sent since the clearing, are reset to zero.

```
Router# show ipc status
```

```
IPC System Status
```

```
Time last IPC stat cleared : never
```

```
This processor is the IPC master server.  
Do not drop output of IPC frames for test purposes.
```

```
1000 IPC Message Headers Cached.
```

	Rx Side	Tx Side
Total Frames	189	140
Total from Local Ports	189	70
Total Protocol Control Frames	70	44
Total Frames Dropped	0	0

Service Usage

Total via Unreliable Connection-Less Service	145	0
Total via Unreliable Sequenced Connection-Less Svc	0	0
Total via Reliable Connection-Oriented Service	44	70

IPC Protocol Version 0

Total Acknowledgements	70	44
Total Negative Acknowledgements	0	0

Device Drivers

Total via Local Driver	0	0
Total via Platform Driver	0	70
Total Frames Dropped by Platform Drivers	0	0

Reliable Tx Statistics

Re-Transmission	0
Re-Tx Timeout	0

Rx Errors

Tx Errors

Unsupp IPC Proto Version	0	Tx Session Error	0
Corrupt Frame	0	Tx Seat Error	0
Duplicate Frame	0	Destination Unreachable	0
Out-of-Sequence Frame	0	Tx Test Drop	0
Dest Port does Not Exist	0	Tx Driver Failed	0
Rx IPC Msg Alloc Failed	0	Ctrl Frm Alloc Failed	0
Unable to Deliver Msg	0		

Buffer Errors

Misc Errors

IPC Msg Alloc	0	IPC Open Port	0
Emer IPC Msg Alloc	0	No HWQ	0
IPC Frame PakType Alloc	0	Hardware Error	0
IPC Frame MemD Alloc	0		

Tx Driver Errors

No Transport	0
MTU Failure	0
Dest does not Exist	0

Router# **clear ipc statistics**

Router# **show ipc status**

IPC System Status

Time last IPC stat cleared : 00:00:03

This processor is the IPC master server.
Do not drop output of IPC frames for test purposes.

1000 IPC Message Headers Cached.

	Rx Side	Tx Side
Total Frames	26	0
Total from Local Ports	26	0
Total Protocol Control Frames	0	0
Total Frames Dropped	0	0

clear ipc statistics

Service Usage

Total via Unreliable Connection-Less Service	26	0
Total via Unreliable Sequenced Connection-Less Svc	0	0
Total via Reliable Connection-Oriented Service	0	0

IPC Protocol Version 0

Total Acknowledgements	0	0
Total Negative Acknowledgements	0	0

Device Drivers

Total via Local Driver	0	0
Total via Platform Driver	0	0
Total Frames Dropped by Platform Drivers	0	0

Reliable Tx Statistics

Re-Transmission	0
Re-Tx Timeout	0

Rx Errors

Unsupp IPC Proto Version	0
Corrupt Frame	0
Duplicate Frame	0
Out-of-Sequence Frame	0
Dest Port does Not Exist	0
Rx IPC Msg Alloc Failed	0
Unable to Deliver Msg	0

Tx Errors

Tx Session Error	0
Tx Seat Error	0
Destination Unreachable	0
Tx Test Drop	0
Tx Driver Failed	0
Ctrl Frm Alloc Failed	0

Buffer Errors

IPC Msg Alloc	0
Emer IPC Msg Alloc	0
IPC Frame PakType Alloc	0
IPC Frame MemD Alloc	0

Misc Errors

IPC Open Port	0
No HWQ	0
Hardware Error	0

Tx Driver Errors

No Transport	0
MTU Failure	0
Dest does not Exist	0

Related Commands

Command	Description
show ipc	Displays IPC statistics.

show ipc

To display interprocess communication (IPC) statistics, use the **show ipc** command in privileged EXEC mode.

```
show ipc { nodes | ports [open] | queue | status [cumulative] | zones }
```

Syntax Description

nodes	Displays participating nodes.
ports	Displays local and registered IPC ports.
open	(Optional) Displays local IPC ports that have been opened by the current seat (node).
queue	Displays information about the IPC retransmission queue and the IPC message queue.
status	Displays the status of the local IPC server.
cumulative	(Optional) Displays cumulative totals for the status counters of the local IPC server since the router was rebooted.
zones	Displays information about the IPC zones and seats.

Command Modes

Privileged EXEC

Command History

Release	Modification
12.1(12c)EW	This command was introduced.
12.2(15)T	The cumulative keyword was added.
12.3(7)T	The zones keyword was added.
12.2(28)SB	This command was integrated into Cisco IOS Release 12.2(28)SB.

Usage Guidelines

The Cisco IOS version of IPC provides a reliable ordered delivery of messages using an underlying platform driver transport or User Datagram Protocol (UDP) transport protocol.

Nodes

A node (referred to as a seat) is an intelligent element like a processor that can communicate using IPC services. A seat is where entities and ports reside. A seat manager performs all the interprocessor communications by receiving messages from the network and forwarding the messages to the appropriate port.

Ports

IPC communication endpoints (ports) receive and queue received IPC messages.

Queue

Use the **queue** keyword to display information about the IPC retransmission queue and the IPC message queue.

Status

Use the **status** keyword to display the IPC statistics that have been generated since a **clear ipc statistics** command was entered. The **show ipc status** command with the **cumulative** keyword displays the IPC statistics that have been gathered since the router was rebooted, regardless of how many times the statistics have been cleared.

Zones

The IPC zone manager allows more than one group of IPC seats to exist to enable direct communication between line cards and the route processor. Use the **zones** keyword to display the IPC zone and seat information.

Examples

The following is sample output from the **show ipc** command with the **nodes** keyword displaying the participating seats (nodes):

```
Router# show ipc nodes
```

```
There are 6 nodes in this IPC realm.
```

ID	Type	Name	Last Sent	Last Heard
0.10000	Local	IPC Master	0	0
0.1060000	RSP-CY	RSP IPC card slot 6	9	79
0.1050000	RSP-CY	RSP IPC card slot 5	21	22
0.1080000	RSP-CY	RSP IPC card slot 8	21	22
1.10000	Local	IPC Master: -Zone#1	0	0
2.10000	Local	IPC Master: -Zone#2		

[Table 1](#) describes the significant fields shown in the display.

Table 1 show ipc nodes Field Descriptions

Field	Description
ID	Port ID, which consists of a zone ID followed by the seat ID.
Type	Type of seat (node).
Name	Seat name.
Last Sent	Sequence number of the message that was last sent.
Last Heard	Sequence number of the in-sequence message that was last heard.

The following is sample output from the **show ipc** command with the **ports** keyword displaying the local and registered IPC ports:

```
Router# show ipc ports
```

```
There are 11 ports defined.
```

Port ID	Type	Name	(current/peak/total)
1.10000.1	unicast	IPC Master:Zone	
1.10000.2	unicast	IPC Master:Echo	
1.10000.3	unicast	IPC Master:Control	
1.10000.4	unicast	Remote TTY Server Port	
1.10000.5	unicast	GALIOS RF :Active	

```
index = 0 seat_id = 0x2020000 last sent = 0 heard = 1635 0/1/1635
```

```

1.10000.6 unicast GALIOS RED:Active
index = 0 seat_id = 0x2020000 last sent = 0 heard = 2 0/1/2

2.2020000.3 unicast GALIOS IPC:Card 2:Control
2.2020000.4 unicast GALIOS RFS :Standby
2.2020000.5 unicast Slave: Remote TTY Client Port
2.2020000.6 unicast GALIOS RF :Standby
2.2020000.7 unicast GALIOS RED:Standby
RPC packets: current/peak/total 0/1/17

```

Table 2 describes the significant fields shown in the display.

Table 2 *show ipc ports Field Descriptions*

Field	Description
Port ID	Port ID, which consists of a zone ID followed by the seat ID.
Type	Type of port.
Name	Port name.
current/peak/total	Displays information about the number of messages held by this IPC session.

The following is sample output from the **show ipc** command with the **queue** keyword displaying information about the IPC retransmission queue and the IPC message queue:

```
Router# show ipc queue
```

```

There are 0 IPC messages waiting for acknowledgement in the transmit queue.
There are 0 IPC messages waiting for a response.
There are 0 IPC messages waiting for additional fragments.
There are 0 IPC messages currently on the IPC inboundQ.
There are 0 messages currently in use by the system.

```

The following is sample output from the **show ipc** command with the **status** keyword displaying information about the local IPC server:

```
Router# show ipc status
```

```
IPC System Status
```

```
Time last IPC stat cleared : never
```

```

This processor is the IPC master server.
Do not drop output of IPC frames for test purposes.

```

```
1000 IPC Message Headers Cached.
```

	Rx Side	Tx Side
Total Frames	189	140
Total from Local Ports	189	70
Total Protocol Control Frames	70	44
Total Frames Dropped	0	0
Service Usage		
Total via Unreliable Connection-Less Service	145	0
Total via Unreliable Sequenced Connection-Less Svc	0	0
Total via Reliable Connection-Oriented Service	44	70

```

IPC Protocol Version 0

Total Acknowledgements          70          44
Total Negative Acknowledgements  0           0

Device Drivers

Total via Local Driver          0           0
Total via Platform Driver       0           70
Total Frames Dropped by Platform Drivers 0           0

Reliable Tx Statistics

Re-Transmission                  0
Re-Tx Timeout                    0

Rx Errors                        Tx Errors

Unsupp IPC Proto Version        0 Tx Session Error          0
Corrupt Frame                   0 Tx Seat Error              0
Duplicate Frame                  0 Destination Unreachable  0
Out-of-Sequence Frame           0 Tx Test Drop              0
Dest Port does Not Exist        0 Tx Driver Failed          0
Rx IPC Msg Alloc Failed         0 Ctrl Frm Alloc Failed    0
Unable to Deliver Msg           0

Buffer Errors                    Misc Errors

IPC Msg Alloc                    0 IPC Open Port              0
Emer IPC Msg Alloc               0 No HWQ                     0
IPC Frame PakType Alloc          0 Hardware Error            0
IPC Frame MemD Alloc             0

Tx Driver Errors

No Transport                      0
MTU Failure                       0
Dest does not Exist               0

```

Table 3 describes the significant fields shown in the display.

Table 3 show ipc status Field Descriptions

Field	Description
Time last IPC stat cleared	Displays the time, in dd:hh:mm (or never), since the IPC statistics were last cleared.
This processor is	Shows whether the processor is the IPC master or an IPC slave.
IPC Message Headers Cached	Number of message headers available in the IPC message cache.
Rx Side	Information about IPC messages received.
Tx Side	Information about IPC messages sent.
Service Usage	Number of IPC messages received or sent via connectionless or connection-oriented protocols.
IPC Protocol Version 0	Number of acknowledgements and negative acknowledgements received or sent by the system.
Device Drivers	Number of IPC messages received or sent using the underlying device drivers.

Table 3 *show ipc status Field Descriptions (continued)*

Field	Description
Reliable Tx Statistics	Number of IPC messages that were retransmitted or that timed out on retransmission using a reliable connection-oriented protocol.
Rx Errors	Number of IPC messages received that displayed various internal frame or delivery errors.
Tx Errors	Number of IPC messages sent that displayed various transmission errors.
Buffer Errors	Number of message allocation failures from the IPC message cache, IPC emergency message cache, IPC frame allocation cache, and IPC frame memory allocation cache.
Misc Errors	Various miscellaneous errors that relate to the IPC open queue, to the hardware queue, or to other hardware failures.
Tx Driver Errors	Number of messages that relate to IPC transmission driver failures including messages to or from a destination without a valid transport entity from the seat; number of messages dropped because the packet size is larger than the maximum transmission unit (MTU); and number of messages without a valid destination address.

The following example shows how to display cumulative IPC counters for the local IPC server. Note that the recent IPC clearing has not cleared the IPC counters because the **cumulative** keyword displays the IPC statistics that have been generated since the router was rebooted.

```
Router# show ipc status cumulative
```

```
IPC System Status
```

```
Time last IPC stat cleared : 00:00:05
```

```
This processor is the IPC master server.  
Do not drop output of IPC frames for test purposes.
```

```
1000 IPC Message Headers Cached.
```

	Rx Side	Tx Side
Total Frames	3473	184
Total from Local Ports	3473	92
Total Protocol Control Frames	92	54
Total Frames Dropped	0	0

```
Service Usage
```

Total via Unreliable Connection-Less Service	2449	0
Total via Unreliable Sequenced Connection-Less Svc	970	0
Total via Reliable Connection-Oriented Service	54	92

```
IPC Protocol Version 0
```

Total Acknowledgements	0	0
Total Negative Acknowledgements	0	0

```

                                Device Drivers

Total via Local Driver                0          0
Total via Platform Driver              0          92
Total Frames Dropped by Platform Drivers 0          0

                                Reliable Tx Statistics

Re-Transmission                       0
Re-Tx Timeout                          0

Rx Errors                               Tx Errors

Unsupp IPC Proto Version               0 Tx Session Error                0
Corrupt Frame                          0 Tx Seat Error                    0
Duplicate Frame                        0 Destination Unreachable        0
Out-of-Sequence Frame                  0 Tx Test Drop                    0
Dest Port does Not Exist                0 Tx Driver Failed                0
Rx IPC Msg Alloc Failed                  0 Ctrl Frm Alloc Failed          0
Unable to Deliver Msg                    0

                                Buffer Errors                               Misc Errors

IPC Msg Alloc                           0 IPC Open Port                    0
Emer IPC Msg Alloc                       0 No HWQ                           0
IPC Frame PakType Alloc                   0 Hardware Error                   0
IPC Frame MemD Alloc                      0

                                Tx Driver Errors

No Transport                             0
MTU Failure                              0
Dest does not Exist                      0

```

The following is sample output from the **show ipc** command with the **zones** keyword displaying information about the IPC zones and seats:

```

Router# show ipc zones

There are 3 Zones in this IPC realm.

Zone ID  Seat ID  Name
-----  -
0        10000   IPC Default Zone
1        10000   IPC TEST ZONE#1
2        10000   IPC TEST ZONE#2

```

[Table 4](#) describes the significant fields shown in the display.

Table 4 *show ipc zones Field Descriptions*

Field	Description
Zone ID	Zone number.
Seat ID	Seat number.
Name	Zone name.

Related Commands

Command	Description
clear ipc statistics	Clears and resets the IPC statistics.

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■ show ipc