



C Commands

This chapter describes the Cisco NX-OS FabricPath commands that begin with C.

clear fabricpath isis adjacency

To clear the FabricPath Layer 2 Intermediate-System to Intermediate-System (IS-IS) adjacency state, use the **clear fabricpath isis adjacency** command.

clear fabricpath isis adjacency [* | **ethernet** *module/slot* | **port-channel** *port_channel_number* | **system-id** *sid*]

Syntax Description

*	(Optional) Specifies the IS-IS adjacencies on all interfaces.
ethernet	(Optional) Specifies the IS-IS adjacencies on an Ethernet interface.
<i>module/slot</i>	(Optional) Module and slot number. The module range is from 1 to 255 and the slot is from 1 to 128.
port-channel	(Optional) Specifies the IS-IS adjacencies on a port-channel interface.
<i>port_channel_number</i>	(Optional) Port-channel number. The range is from 1 to 4096.
system-id	(Optional) Specifies the system ID.
<i>sid</i>	(Optional) System ID in the form of XXXX.XXXX.XXXX.

Command Default

None

Command Modes

Privileged EXEC(#)

Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

Usage Guidelines



Note

If you enter the * variable, you will affect forwarding by entering this command and might interrupt traffic; this command tears down all adjacencies.

This command requires an Enhanced Layer 2 license.

Examples

This example shows how to clear the FabricPath Layer 2 adjacency state:

```
switch# clear fabricpath isis adjacency *
switch#
```

Related Commands

Command	Description
fabricpath domain default	Enables FabricPath Layer 2 IS-IS.

clear fabricpath isis statistics

To clear all FabricPath Intermediate System-to-Intermediate System (IS-IS) protocol statistics, use the **clear fabricpath isis statistics** command.

clear fabricpath isis statistics *

Syntax Description	* Specifies the IS-IS adjacencies on all interfaces.	
Command Default	None	
Command Modes	Privileged EXEC(#)	
Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.
Usage Guidelines	This command requires an Enhanced Layer 2 license.	
Examples	This example shows how to clear FabricPath IS-IS protocol statistics: <pre>switch# clear fabricpath isis statistics * switch#</pre>	
Related Commands	Command	Description
	fabricpath domain default	Enables FabricPath Layer 2 IS-IS.

clear fabricpath isis traffic

To clear Intermediate System-to-Intermediate System (IS-IS) traffic information, use the **clear fabricpath isis traffic** command.

clear fabricpath isis traffic [* | **ethernet** *module/slot* | **port-channel** *port_channel_number*]

Syntax Description	*	(Optional) Specifies the IS-IS traffic on all interfaces.
	ethernet	(Optional) Specifies the IS-IS traffic on an Ethernet interface.
	<i>module/slot</i>	(Optional) Module and slot number. The module range is from 1 to 255 and the port is from 1 to 128.
	port-channel	(Optional) Specifies the IS-IS traffic on a port-channel interface.
	<i>port_channel_number</i>	Port-channel number. The range is from 1 to 4096.

Command Default None

Command Modes Privileged EXEC (#)

Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

Usage Guidelines This command requires an Enhanced Layer 2 license.

Examples This example shows how to clear FabricPath IS-IS traffic information:

```
switch# clear fabricpath isis traffic *
switch#
```

Related Commands	Command	Description
	fabricpath domain default	Enables FabricPath Layer 2 IS-IS.

clear fabricpath oam loopback

To clear information about fabricpath Operation, Administration, and Maintenance (OAM) loopback, use the **clear fabricpath oam loopback** command in privileged EXEC mode.

```
clear fabricpath oam loopback { database [session ses-hdl] | session ses-hdl | statistics | { session ses-hdl | summary } }
```

Syntax Description	database	Clears information about fabricpath OAM loopback database.
	session <i>ses-hdl</i>	(Optional) Clears information about fabricpath OAM loopback for a specific session. The range is from 1 to 65,535.
	statistics	Clears information about fabricpath OAM loopback statistics.
	summary	Clears information about fabricpath OAM loopback statistics summary.

Command Default	None
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Command Modes	Privileged EXEC(#)
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Command History	Release	Modification
	7.0(0)N1(1)	This command was introduced.

Usage Guidelines	To clear statistics for all sessions, use the clear fabricpath oam loopback statistics command. To clear statistics for a particular session, use the clear fabricpath oam loopback statistics session command. To clear summary statistics, use the clear fabricpath oam loopback statistics summary command.
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Examples	This example shows how to clear the fabricpath OAM loopback statistics:
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```
switch# clear fabricpath oam loopback statistics  
switch#
```

Related Commands	Command	Description

clear fabricpath oam mtrace

To clear information about fabricpath Operation, Administration, and Maintenance (OAM) mtrace, use the **clear fabricpath oam mtrace** command in privileged EXEC mode.

clear fabricpath oam mtrace { **database** [**session** *ses-hdl*] | **session** *ses-hdl* **statistics** [**summary**] }

Syntax Description

database	Clears information about fabricpath OAM mtrace database.
session <i>ses-hdl</i>	(Optional) Clears information about fabricpath OAM mtrace for a specific session.
statistics	Clears information about fabricpath OAM mtrace statistics.
summary	(Optional) Clears information about fabricpath OAM mtrace statistics summary.

Command Default

None

Command Modes

Privileged EXEC(#)

Command History

Release	Modification
7.0(0)N1(1)	This command was introduced.

Usage Guidelines

Use this command to clear the loopback/traceroute/mtrace database and to clear the loopback/traceroute/mtrace statistics. Both of these tasks can be done on a per-session basis or across all sessions.

Examples

This example shows how to clear the fabricpath OAM mtrace statistics:

```
switch# clear fabricpath oam mtrace statistics
switch#
```

Related Commands

Command	Description

clear fabricpath oam notification

To clear information about fabricpath Operation, Administration, and Maintenance (OAM) mtrace, use the **clear fabricpath OAM notification** command in privileged EXEC mode.

clear fabricpath oam notification {database | statistics}

Syntax Description

database	Clears information about fabricpath OAM notification database.
statistics	Clears information about fabricpath OAM notification statistics.

Command Modes

Privileged EXEC(#)

Command History

Release	Modification
7.0(0)N1(1)	This command was introduced.

Usage Guidelines

Notifications are data packet errors. If a data packet cannot be forwarded due to TTL expiry, it generates a notification. Notifications are kept globally. The notification database contains entries for all data packets that generate notifications. There is a maximum of 500 entries.

Examples

This example shows how to clear the fabricpath OAM notification statistics:

```
switch# clear fabricpath oam notification statistics
```

Related Commands

Command	Description

clear fabricpath oam traceroute

To clear information about fabricpath Operation, Administration, and Maintenance (OAM) traceroute, use the **clear fabricpath oam traceroute** command in privileged EXEC mode.

clear fabricpath oam traceroute { **database** [*session ses-hdl*] | **statistics** [**summary**] }

Syntax Description

database	Clears information about fabricpath OAM traceroute database.
session <i>ses-hdl</i>	(Optional) Clears information about for fabricpath OAM traceroute for a specific session.
statistics	Clears information about fabricpath OAM traceroute statistics.
summary	(Optional) Clears information about fabricpath OAM traceroute statistics summary.

Command Modes

Privileged EXEC(#)

Command History

Release	Modification
7.0(0)N1(1)	This command was introduced.

Usage Guidelines

Examples

This example shows how to clear the fabricpath OAM traceroute statistics:

```
switch# clear fabricpath oam traceroute statistics
```

Related Commands

Command	Description