# L Commands

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

# log-adjacency-changes (FabricPath)

To configure the log changes in the adjacency state, use the **log-adjacency-changes** command. To return to the default setting, use the **no** form of this command.

**log-adjacency-changes**

**no log-adjacency-changes**

## Syntax Description

This command has no arguments or keywords.

## Command Default

ON

## Command Modes

FabricPath IS-IS configuration mode

## Command History

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

## Usage Guidelines

This command requires an Enhanced Layer 2 license.

## Examples

This example shows how to configure the log changes in the adjacency state:

```
switch# configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
switch(config)# fabricpath domain default
switch(config-fabricpath-isis)# log-adjacency-changes
switch(config-fabricpath-isis)#
```

## Related Commands

| Command | Description |
|---|---|
| **show fabricpath isis** | Displays FabricPath IS-IS information. |

# lsp-gen-interval (FabricPath)

To configure a link-state packet (LSP) generation interval, use the **lsp-gen-interval** command. To return to the default setting, use the **no** form of this command.

**lsp-gen-interval** {*lsp-max-wait* | *lsp-initial-wait* | *lsp-second-wait*}

**no lsp-gen-interval** {*lsp-max-wait* | *lsp-initial-wait* | *lsp-second-wait*}

## Syntax Description

| | |
|---|---|
| *lsp-max-wait* | Maximum interval (in seconds) between two consecutive occurrences of an LSP being generated. The range is from 50 to 120000. The default is 8000. |
| *lsp-initial-wait* | Initial LSP generation delay (in milliseconds). The range is from 50 to 120000. The default is 50. |
| *lsp-second-wait* | Hold time between the first and second LSP generation (in milliseconds). The range is from 50 to 120000. The default is 50. |

## Command Default

The defaults are as follows:

- lsp-max-wait: 8000
- lsp-initial-wait: 50
- lsp-second-wait: 50

## Command Modes

FabricPath IS-IS configuration mode

## Command History

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

## Usage Guidelines

You can enter the **lsp-gen-interval** command to control the rate of LSP packets being generated, transmitted, and retransmitted.

This command requires an Enhanced Layer 2 license.

## Examples

This example shows how to configure an LSP-generation interval:

```
switch# configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
switch(config)# fabricpath domain default
switch(config-fabricpath-isis)# lsp-gen-interval 9000 60 70
switch(config-fabricpath-isis)#
```

## Related Commands

| Command | Description |
|---|---|
| **show fabricpath isis** | Displays FabricPath IS-IS information. |

# lsp-mtu (FabricPath)

To configure a link-state packet (LSP) maximum transmission unit (MTU) that is generated by the Cisco Nexus 6000 software, use the **lsp-mtu** command. To return to the default setting, use the **no** form of this command.

**lsp-mtu** *bytes*

**no lsp-mtu** *bytes*

## Syntax Description

| | |
|---|---|
| *bytes* | Maximum LSP size in bytes. The range is from 128 to 4352. |

## Command Default

1492 bytes

## Command Modes

FabricPath IS-IS configuration mode

## Command History

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

## Usage Guidelines

This command requires an Enhanced Layer 2 license.

## Examples

This example shows how to set the maximum LSP size to 1500 bytes:

```
switch# configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
switch(config)# fabricpath domain default
switch(config-fabricpath-isis)# lsp-mtu 1500
switch(config-fabricpath-isis)#
```

## Related Commands

| Command | Description |
|---|---|
| **show fabricpath isis** | Displays FabricPath Layer 2 IS-IS. |