



# L Commands

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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
	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 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
	<b>show fabricpath isis</b>	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

<i>lsp-max-wait</i>	Maximum interval (in seconds) between two consecutive occurrences of an LSP being generated. The range is from 50 to 120000. The default is 8000.
<i>lsp-initial-wait</i>	Initial LSP generation delay (in milliseconds). The range is from 50 to 120000. The default is 50.
<i>lsp-second-wait</i>	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
5.2(1)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
<b>show fabricpath isis</b>	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 5500 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*

<b>Syntax Description</b>	<i>bytes</i> Maximum LSP size in bytes. The range is from 128 to 4352.	
<b>Command Default</b>	1492 bytes	
<b>Command Modes</b>	FabricPath IS-IS configuration mode	
<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	5.2(1)N1(1)	This command was introduced.
<b>Usage Guidelines</b>	This command requires an Enhanced Layer 2 license.	
<b>Examples</b>	<p>This example shows how to set the maximum LSP size to 1500 bytes:</p> <pre>switch# <b>configure terminal</b> Enter configuration commands, one per line. End with CNTL/Z. switch(config)# <b>fabricpath domain default</b> switch(config-fabricpath-isis)# <b>lsp-mtu 1500</b> switch(config-fabricpath-isis)#</pre>	
<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show fabricpath isis</b>	Displays FabricPath Layer 2 IS-IS.