



## L Commands

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This chapter describes the Cisco NX-OS Open Shortest Path First (OSPF) commands that begin with L.

*Review Draft -- Cisco Confidential*

# log-adjacency-changes (OSPF)

To configure the router to send a syslog message when the state of an Open Shortest Path First (OSPF) neighbor changes, use the **log-adjacency-changes** command. To turn off this function, use the **no** form of this command.

**log adjacency changes [detail]**

|                           |               |   |
|---------------------------|---------------|---|
| <b>Syntax Description</b> | <b>detail</b> | (Optional) Provides all (DOWN, INIT, 2WAY, EXSTART, EXCHANGE, LOADING, FULL) adjacency state changes. |
|---------------------------|---------------|---|

**Command Default** The router sends a system message when the state of an OSPF neighbor changes.

**Command Modes** Router configuration mode  
VRF configuration mode

| <b>Command History</b> | <b>Release</b> | <b>Modification</b>          |
|------------------------|----------------|------------------------------|
|                        | 6.0(2)N1(1)    | This command was introduced. |

**Usage Guidelines** Use the **log-adjacency-changes** command to display high-level changes to the state of the OSPF neighbor relationship. This command is on by default but only reports the up/down (full/down) events if you do not use the **detail** keyword.

This command requires the LAN Base Services license.

**Examples** This example shows how to configure the router to send a system message when an OSPF neighbor state changes:

```
switch(config)# router ospf 209
switch(config-router)# log-adjacency-changes detail
switch(config-router)#
```

| <b>Related Commands</b> | <b>Command</b>                            | <b>Description</b>   |
|-------------------------|---|--|
|                         | <b>copy running-config startup-config</b> | Saves this configuration change to the startup configuration file. |
|                         | <b>show ip ospf</b>                       | Displays OSPF information.   |