

## OSPF Operational Mode Commands

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Table 1 summarizes the command-line interface (CLI) commands you can use to monitor and troubleshoot the Open Shortest Path First (OSPF) protocol. Commands are listed in alphabetical order.

**Table 1: OSPF Operational Mode Commands**

Task	Command
Clear link-state database entries.	clear (ospf   ospf3) database
Clear OSPF input and output statistics.	clear (ospf   ospf3) io-statistics
Tear down neighbor connections.	clear (ospf   ospf3) neighbor
Clear the OSPF overload bit.	clear ospf overload
Clear OSPF statistics.	clear (ospf   ospf3) statistics
Display information about the level of backup coverage available for OSPF nodes and prefixes.	show (ospf   ospf3) backup coverage
Display information about MPLS label-switched-paths (LSPs) designated as backup routes for OSPF routes.	show (ospf   ospf3) backup lsp
Display link-state database entries for OSPFv2.	show ospf database
Display link-state database entries for OSPFv3.	show ospf3 database
Display OSPF interface status.	show (ospf   ospf3) interface
Display OSPF input and output statistics.	show (ospf   ospf3) io-statistics
Display the SPF log.	show (ospf   ospf3) log
Display adjacent routers.	show (ospf   ospf3) neighbor
Display overview statistics.	show (ospf   ospf3) overview
Display OSPF routing table entries.	show (ospf   ospf3) route
Display OSPF statistics.	show (ospf   ospf3) statistics



**NOTE:** For more OSPF-related commands, such as `show route protocol`, `show route instance`, and `show route table`, see Protocol-Independent Routing Operational Mode Commands. For information about monitoring Bidirectional Forwarding Detection (BFD) sessions for OSPF clients, see BFD Operational Mode Commands. For information about how to configure OSPF, see the *JUNOS Routing Protocols Configuration Guide*.

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