



Cisco IOS IP Routing Protocols: OSPF Features in Cisco IOS Release 12.2(33)XNE

This document provides a list of Cisco IOS IP Routing Protocols: OSPF features that have migrated from Cisco IOS Release 12.2(33)SB to Cisco IOS Release 12.2(33)XNE. Links to the feature documentation are included.

Feature guides may contain information about more than one feature. To find information about a specific feature within a feature guide, see the Feature Information table at the end of the guide.

Feature guides document features that are supported on many different software releases and platforms. Your Cisco IOS software release or platform may not support all the features documented in a feature guide. See the Feature Information table at the end of the feature guide for information about which features in that guide are supported in your software release. Use Cisco Feature Navigator to find information about platform support and Cisco IOS and Catalyst OS software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

For the latest feature information and caveats, see the release notes for your platform and software release at the following URL: http://www.cisco.com/en/US/docs/ios/12_2sb/release/notes/122XN.html

See the following sections for a list of features:

- [Software Features in Cisco IOS Release 12.2\(33\)XNE, page 1](#)

Software Features in Cisco IOS Release 12.2(33)XNE

Area Command in Interface Mode for OSPFv2

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_imode_ospv2.html

OSPF

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_cfg.html

OSPF Area Transit Capability

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_area_trans.html



OSPF Enhanced Traffic Statistics for OSPFv2 and OSPFv3

http://www.cisco.com/en/US/docs/ios/12_4t/12_4t11/htostats.html

OSPF Flooding Reduction

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_area_trans.html

OSPF Forwarding Address Suppression in Translated Type-5 LSAs

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_for_add_sup.html

OSPF Inbound Filtering using Route Maps with a Distribute List

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_inbound.html

IOSPF Incremental Shortest Path First (i-SPF) Support

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_incre_spf.html

OSPF Limit on Number of Redistributed Routes

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_lim_routes.html

OSPF Link State Database Overload Protection

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_lk_state_db.html

OSPF Link-local Signaling (LLS) Per Interface Basis

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_local_sig.html

OSPFv2 Local RIB

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_local_rib.html

OSPF MIB Support of RFC 1850 and Latest Extensions

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_mib_1850.html

OSPF Not-So-Stubby Areas (NSSA)

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_cfg.html

OSPF On Demand Circuit (RFC 1793)

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_cfg.html

OSPF Packet Pacing

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_cfg.html

OSPF Sham-Link MIB Support

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_sham_mib.html

OSPF Sham-Link Support for MPLS VPN

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_sham_link.html

OSPF Shortest Paths First Throttling

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_short_path.html

OSPF SNMP ifIndex Value for Interface ID

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_snmp_ifindex.html

OSPF Stub Router Advertisement

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_stub_router.html

OSPF Support for BFD over IPv4

http://www.cisco.com/en/US/docs/ios/iproute_bfd/configuration/guide/irb_bfd.html

OSPF Support for Fast Hellos

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_fast_hello.html

OSPF Support for Forwarding Adjacencies over MPLS Traffic Engineered Tunnels

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_sup_for_adj.html

OSPF Support for Link State Advertisement (LSA) Throttling

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_lsa_throt.html

OSPF Support for Multi-VRF on CE Routers

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_sup_vrf.html

OSPF Support for Unlimited Software VRFs per Provider Edge (PE) Router

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_un_sw_vrfs.html

OSPF TTL Security Check

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_ttl.html

OSPF Update Packet-Pacing Configurable Timers

http://www.cisco.com/en/US/docs/ios/iproute_ospf/configuration/guide/iro_update.html

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