



Cisco IOS IP Multicast Features in Cisco IOS Release 12.2(33)XNE

This document provides a list of Cisco IOS IP Multicast 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

AutoRP Enhancement

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_basic_cfg.html

Bandwidth-Based Call Admission Control (CAC) for IP Multicast

http://cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_admission_control.html

BGP Multicast Inter-AS (IAS) VPN

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_cfg_mc_vpn_sup.html



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CGMP - Cisco Group Management Protocol

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_constr_sw_eth_nw.html

Extended ACL support for IGMP to support SSM in IPv4

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_customize_igmp.html

IGMP State Limit

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_customize_igmp.html

IGMP Version 1

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_customize_igmp.html

IGMP Version 2

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_customize_igmp.html

IGMP Version 3

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_customize_igmp.html

IGMP Version 3 - Explicit Tracking of Hosts, Groups, and Channels

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_customize_igmp.html

IP Multicast Load Splitting across Equal-Cost Paths

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_load_splt_ecmp.html

MSDP compliance with IETF RFC 3618

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_msdp_im_pim_sm.html

Multicast Source Discovery Protocol (MSDP)

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_msdp_im_pim_sm.html

Multicast Subsecond Convergence

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_sub2nd_conv.html

Multicast VPN Extranet Support

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_mc_vpn_extranet.html

Multicast VPN Inter-AS Support

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_cfg_mc_vpn_sup.html

Multicast-VPN: Multicast Support for MPLS VPN

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_cfg_mc_vpn.html

Per Interface Mroute State Limit

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_admission_control.html

PIM Dense Mode State Refresh

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_pim_dense_rfrsh.html

PIM MIB Extension for IP Multicast

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_monitor_maint.html

PIM Version 1

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_basic_cfg.html

PIM Version 2

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_basic_cfg.html

RGMP - Router-Port Group Management Protocol

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_cfg_rpgmp.html

Source Specific Multicast (SSM)

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_basic_cfg.html

Source Specific Multicast (SSM) - IGMPv3, IGMP v3lite, and URD

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_cfg_ssm.html

Source Specific Multicast (SSM) Mapping

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_ssm_mapping.html

Stub IP Multicast Routing

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_stub_routing.html

UDLR Tunnel ARP and IGMP Proxy

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_cfg_ovr_unidirect.html

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_customize_igmp.html

Uni-Directional Link Routing (UDLR)

http://www.cisco.com/en/US/docs/ios/ipmulti/configuration/guide/imc_cfg_ovr_unidirect.html

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