



New Features in Cisco IOS Release 12.2(33)SX11

The following features were introduced in Cisco IOS Release 12.2(33)SX11. Links to feature documentation are also 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/switches/lan/catalyst6500/ios/12.2SX/release/notes/ol_14271.html

See the following sections for a list of features:

- [New Software Features in Cisco IOS Release 12.2\(33\)SX11, page 1](#)

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6PE Multipath

http://www.cisco.com/en/US/docs/ios/ipv6/configuration/guide/ip6-mptcl_bgp.html

802.1x with User Distribution

http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/ios/12.2SX/configuration/guide/dot1x.html#Using_Multiple_VLANs_and_VLAN_User_Distribution_with_VLAN_Assignment

BGP Support for 4-byte ASN

http://www.cisco.com/en/US/docs/ios/iproute/configuration/guide/irp_bgp_basic_net.html

http://www.cisco.com/en/US/docs/ios/iproute/configuration/guide/irp_bgp_overview.html



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CISCO-IP-IF-MIB Support for IP Helper Addresses

http://www.cisco.com/en/US/docs/ios/interface/configuration/guide/ir_ipifmib.html

Modular IOS Usability - ION Installer over Multiple Paths

http://www.cisco.com/en/US/docs/ios/swmod/configuration/guide/12_2SX/sw_mod_12_2SX_book.html

Trusted Boundary with Cisco Device Verification

http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/ios/12.2SX/configuration/guide/qos.html#Configuring_Trusted_Boundary_Device_Verification

VSS Support on IP Base Image

http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/ios/12.2SX/release/notes/ol_14271.html

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