



New Features in Cisco IOS Release 12.2(33)SXI2

The following features were introduced in Cisco IOS Release 12.2(33)SXI2. 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 Hardware Features in Cisco IOS Release 12.2\(33\)SXI2, page 1](#)
- [New Software Features in Cisco IOS Release 12.2\(33\)SXI2, page 2](#)

New Hardware Features in Cisco IOS Release 12.2(33)SXI2

Content Switching Module (CSM)

<http://www.cisco.com/en/US/products/hw/modules/ps2706/ps780/index.html>

Content Switching Module with SSL, CSM-S

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

OneX

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



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SPA-1X10GE-L-V2

http://www.cisco.com/en/US/docs/interfaces_modules/shared_port_adapters/configuration/6500series/76intsw.html#SIP,_SSC,_and_SPA_Compatibility

New Software Features in Cisco IOS Release 12.2(33)SX12**802.1ag - IEEE D8.1 standard Compliant CFM, Y.1731 multicast LBM / AIS / RDI / LCK, IP SLA for Ethernet**

http://www.cisco.com/en/US/docs/ios/cether/configuration/guide/ce_cfm-ieee.html

Automated Notification and Detection of LTL/FPOE Problem

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

CISCO-IP-URPF-MIB Support

http://www.cisco.com/en/US/docs/ios/sec_data_plane/configuration/guide/sec_urpf_mib.html

Enable the Uplinks when Sup720 Standby Supervisor Runs in DFC Mode

http://www.cisco.com/en/US/docs/ios/interface/command/reference/ir_f1.html#fabric_switching-mode_allow

Filter-ID Based ACL Application

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

IP Admission Policy MIB

http://www.cisco.com/en/US/docs/ios/sec_data_plane/configuration/guide/sec_tag_template.html

MPLS/IPv6 Support with VSS

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

SSO—BFD

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

SSO - Etherchannel Traffic Convergence Improvement

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

Subinterface Crypto Connect VLAN Support for E-Flexwan/FE PA

http://www.cisco.com/en/US/docs/interfaces_modules/shared_port_adapters/configuration/6500series/76ovwvpn.html#Interoperability

VSS - MPLS/IPv6 Support

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

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