

New Cisco IOS Software Release 12.2(18)SE for Cisco Catalyst 3750 and 2970 Series Switches

Overview

Cisco Systems® announces a Cisco IOS® Software update for the Cisco® Catalyst® 3750 and 2970 Series Intelligent Ethernet switches. This new release advances Cisco leadership in providing secure, reliable, and easily managed LAN switching solutions.

This Product Bulletin describes the content and delivery information concerning Cisco IOS Software Release 12.2(18)SE. For more information about the Cisco IOS Software release process, see Product Bulletin #537.

Cisco continues its commitment to providing industry-leading usability with the following enhancements.

Smart Ports, which first shipped in Cisco IOS Software Release 12.1(19)EA1, has been enhanced to include several default connection types that use Cisco recommended configuration settings. These default types can be quickly and easily assigned to ports using Cluster Management Suite (CMS), the embedded network management tool included with every fixed configuration switch.

StackWise configuration is now supported in CMS, which can configure switch priority and switch number. Stack port information is now displayed in the CMS topology view.

The CMS plug-in is a simple installation program that configures the management station with the correct run-time software to support CMS. In addition to the existing support on Microsoft Windows platforms, CMS plug-in is now supported on Sun Microsystems Solaris operating system.

New Features in Cisco IOS Release 12.2(18)SE

The following figures provide an overview of features that will be delivered in the release of Cisco IOS Software Release 12.2(18)SE. Table 1 details new features in Cisco IOS Software Release 12.2(18)SE. Table 2 describes the new features in Cisco Cluster Management Suite (CMS) Software. Table 3 provides a listing of products supported with this release.

Table 1 Cisco IOS Software Release 12.2(18)SE New Features:

Cisco IOS Software 12.2(18)SE Feature	Cisco Catalyst 3750-Enhanced Multilayer Image
Smart Ports Enhancements	Yes



Table 2 New Features in Cisco Cluster Management Suite (CMS) Software

Feature	Description
Auto-MDIX	Enable or disable support for Auto-MDIX
StackWise Configuration	Configure switch priority and switch number. Topology View displays stack port information.
Smart Ports	Assign Cisco recommended configuration to a switch port for a variety of connection types.
CMS Plug-in for Solaris	A simple installer program that configures the management station with the correct run-time software.

Table 3 Products Supported with this Release

Cisco Catalyst 3750 Enhanced Multilayer Image Models	Cisco Catalyst 3750 Standard Multilayer Image Models	Cisco Catalyst 2970 Models
3750-24TS-E	3750-24TS-S	2970G-24T-E
3750-48TS-E	3750-48TS-S	2970G-24TS-E
3750G-24T-E	3750G-24T-S	
3750G-24TS-E	3750G-24TS-S	
3750G-12S-E	3750G-12S-S	

Additional Resources

Software Download—Software available February, 2004:

Cisco Catalyst 3750 Series Software Download—<http://www.cisco.com/cgi-bin/tablebuild.pl/cat3750>

Cisco Catalyst 2970 Series Software Download—<http://www.cisco.com/cgi-bin/tablebuild.pl/cat2970>

Due to export restrictions on strong cryptography software, a separate image is required for the cryptographic features (Secure Shell [SSH] Protocol, Simple Network Management Protocol [SNMP] v3, and Kerberos). These software images can be downloaded from the same location shown above.

Cisco Catalyst 3750 Series switches product information:

<http://www.cisco.com/go/catalyst3750>

Cisco Catalyst 2970 Series switches product information:

<http://www.cisco.com/go/catalyst2970>

Cisco Catalyst 3750 and 2970 Series switches release notes:

<http://www.cisco.com/univercd/cc/td/doc/product/lan/c3750/index.htm>

<http://www.cisco.com/univercd/cc/td/doc/product/lan/cat2970/index.htm>

Support

Cisco IOS Software Release 12.2(18)SE follows standard Cisco support policy as indicated in the following link:

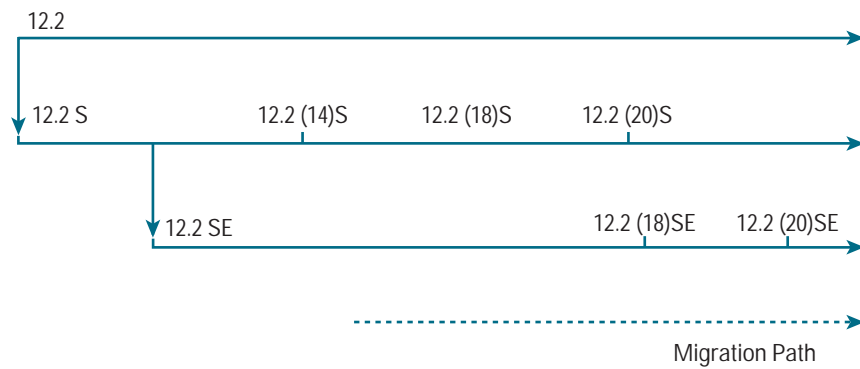


http://www.cisco.com/en/US/products/products_end-of-life_policy.html

Software Image Migration Guide

Figure 1 displays the recommended migration path for Cisco IOS Software Release 12.2(18)SE functions relative to the 12.2 and 12.2S releases. For more information about the Cisco IOS Software release process, see Product Bulletin #537.

Figure 1
Cisco IOS Release 12.1EA Release Train



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