

New Cisco IOS Software Release 12.1(22)EA10 for Cisco Catalyst 2950, 2940, and 2955 Series Switches

PB406106

Cisco® announces Cisco IOS® Software updates for the Cisco Catalyst® 2950, 2940, and 2955 Series Switches.

This product bulletin contains content and delivery information for Cisco IOS Software Release 12.1(22)EA10.

The following new features are available with Cisco IOS Software Release 12.1(22)EA10:

- **Dynamic Host Configuration Protocol (DHCP) snooping statistics:** Provides visibility into DHCP snooping for proactive management. Displays statistics about processed packets and various conditions that can cause a packet to be dropped (such as packet not allowed on untrusted port and so on). In addition, rate-limited SYSLOG messages can be generated for notification.
- **DHCP auto-install with saved configuration:** Simplifies deployment by enabling DHCP-based configuration on the switch, though a basic configuration file is present on the switch.

Table 1 lists new features of Cisco IOS Software Release 12.1(22)EA10.

Table 1. Cisco IOS Software Release 12.1(22)EA10 New Features

Feature	Cisco Catalyst 2955 Series Enhanced Image	Cisco Catalyst 2950 Series Enhanced Image	Cisco Catalyst 2950 Series Standard Image	Cisco Catalyst 2950 LRE Series	Cisco Catalyst 2940 Series Standard Image
DHCP Snooping Statistics	Y	Y	Y	N	N
DHCP Auto-Install (with Saved Configuration)	Y	Y	Y	N	E

In Table 1, N = no plans to add platform support for this feature; X = feature is new for this platform; E = existing feature.

Table 2 lists the Layer 2+ capable fixed-configuration Cisco Catalyst switches supported with this software release.

Table 2. Layer 2+ Products Supported with This Release

Cisco Catalyst 2955 Part Numbers	Cisco Catalyst 2950 Series Enhanced Image Part Numbers	Cisco Catalyst 2950 Series Standard Image Part Numbers	Cisco Catalyst 2940 Series Part Numbers
<ul style="list-style-type: none"> • 2955C-12 • 2955S-12 • 2955T-12 	<ul style="list-style-type: none"> • 2950T-24 • 2950C-24 • 2950G-12-EI • 2950G-24-EI • 2950G-48-EI • 2950G-24-EI-DC 	<ul style="list-style-type: none"> • 2950-12 • 2950-24 • 2950SX-24 • 2950SX-48 • 2950T-48 	<ul style="list-style-type: none"> • 2940-8TF • 2940-8TT

Additional Resources

Software Download

Software is available for download from the following links:

- **Cisco IOS Software Upgrade Planner:** <http://www.cisco.com/cgi-bin/Software/iosplanner/Planner-tool/iosplanner.cgi?majorRel=>
- **Guest-Level Access Planner:** <http://www.cisco.com/kobayashi/sw-center/index.shtml>

Because of export restrictions on strong cryptography, a separate image is required for cryptographic features (Secure Shell [SSH] Protocol, Simple Network Management Protocol Version 3 [SNMPv3], and Kerberos Protocol). These software images can be downloaded from the corresponding Triple Data Encryption Standard (3DES) area of the links provided in this section.

Product Information

- **Cisco Catalyst 2955 Series Switches:** <http://www.cisco.com/go/catalyst2955>
- **Cisco Catalyst 2950 Series Switches:** <http://www.cisco.com/go/catalyst2950>
- **Cisco Catalyst 2940 Series Switches:** <http://www.cisco.com/go/catalyst2940>
- Cisco Catalyst 2950, 2940, and 2955 Series Switches release notes:
 - <http://www.cisco.com/univercd/cc/td/doc/product/lan/cat2950/index.htm>
 - <http://www.cisco.com/univercd/cc/td/doc/product/lan/cat2940/index.htm>

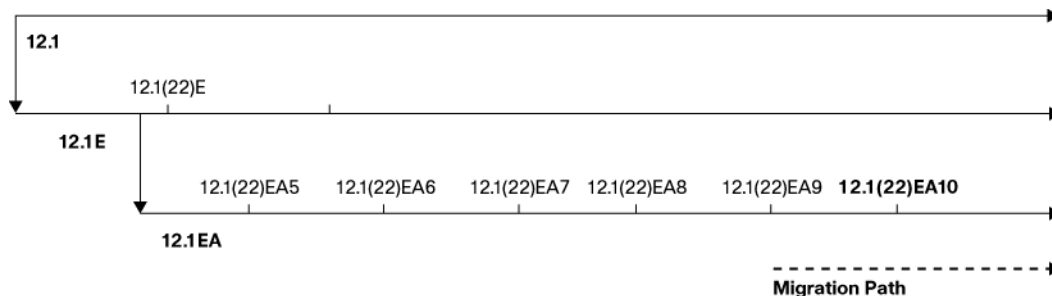
Support

Cisco IOS Software Release 12.1(22)EA10 follows the standard Cisco support policy indicated at http://www.cisco.com/en/US/products/products_end-of-life_policy.html.

Software Image Migration Guide

Figure 1 displays Cisco IOS Software Release 12.1(22)EA10 relative to the 12.1 and 12.1E releases and identifies the recommended migration path.

Figure 1. Cisco IOS Software Release 12.1EA Release Train



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