

Cisco IOS X-Release 12.2(44)EX

Cisco® announces Cisco IOS® Software Release for the Cisco Industrial Ethernet 3000 Series Switches. This release supports a next generation industrial ethernet switch platform that provides a rugged, easy-to-use, secure infrastructure for harsh environments.

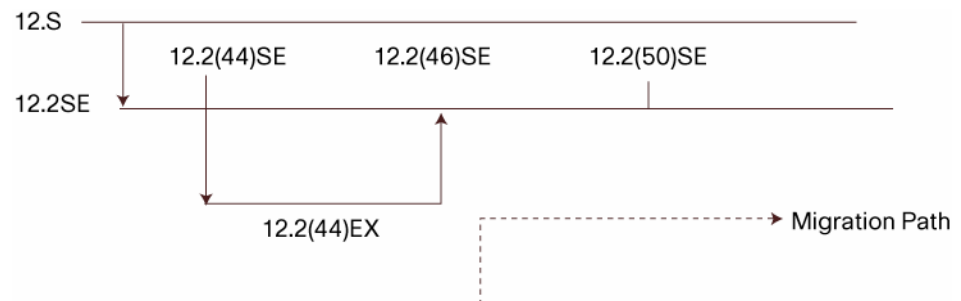
The Cisco IE 3000 Series switches comprise the following:

Product Name	Part Number	Description
Cisco IE 3000-4TC	IE-3000-4TC	4 10/100 ports + 2 dual-purpose uplinks, expandable to 20 10/100 ports
Cisco IE 3000-8TC	IE-3000-8TC	8 10/100 ports + 2 dual-purpose uplinks, expandable to 20 10/100 ports

This product bulletin describes the content and delivery information about Cisco IOS Software Release 12.2(44)EX, which is the first Cisco IOS Software release that provides support for the Cisco IE 3000 Series Switches. Release 12.2(44)EX is an early deployment (ED) release based on Cisco IOS Software Release 12.2(44)SE. Cisco IOS Software Release 12.2(44)EX should not be used for any switch other than the Cisco IE 3000 Series Switches.

The platform and features delivered with this ED release will be immediately incorporated into Cisco IOS 12.2(46)SE and subsequent Cisco IOS 12.2(X)SE releases. **It is important to note that there are no planned maintenance releases for this ED release. In addition, please note the migration path to the latest T release. Customers should prepare to upgrade using this migration path:**

Figure 1. Cisco IOS Release 12.2(44)EX Release Train and Migration Guide



New Features in Cisco IOS Release 12.2(44)EX

The following features will be delivered in addition to the 12.2(44)SE LAN BASE features, supported in the initial release of 12.2(44)EX.

Table 1. Cisco IOS Release 12.2(44)EX New Features

New Feature	Cisco IE 3000
Common Industrial Protocol (CIP)	X
Cisco Industrial Ethernet default global configuration	X
Industrial Automation Smartports Templates	X

Detailed Information

Common Industrial Protocol (CIP)

The Cisco IE 3000 features support for the Common Industrial Protocol (CIP). This feature supports the translation of command line interface (CLI) commands to the Common Industrial Protocol. This protocol is used in factory control systems. Support for this feature allows a CIP-based management tool to configure, monitor and troubleshoot the Cisco IE 3000.

Industrial Ethernet Default Global Configuration

The Cisco IE 3000 features the option for the user to select Cisco recommended defaults for industrial ethernet applications. This configuration includes quality of service, broadcast storm control and multicast filtering in a global configuration.

Industrial Automation Smartports Templates

The Cisco IE 3000 supports a recommended template for devices support the Ethernet/IP protocol for industrial automation.

Information about the Cisco IE 3000 series can be located at: <http://www.cisco.com/go/ie3000>

Support

Cisco IOS software release 12.2(44)EX follows the standard Cisco support policy as indicated in the following link.

<http://www.cisco.com/warp/public/437/27.html>

Download Information

Customers can download Cisco IOS Release 12.2(44)EX software from Cisco Connection Online (CCO) in the Software Image Library.

Switches Download Planer:

<http://tools.cisco.com/support/downloads/pub/Redirect.x?mdfid=268438038>

Cisco IOS Upgrade Planner:

<http://www.cisco.com/cgi-bin/Software/Iosplanner/Planner-tool/iosplanner.cgi?majorRel=>



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