

Cisco IOS Software Release 12.0(4)XL

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Early Deployment (ED) Release Summary

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Description	<p>Cisco IOS® Software Release 12.0(4)XL is a short-lived ED release. This release is focused on delivering high density voice over IP (VoIP) applications on the Cisco AS5800. The VoIP function gives the Cisco AS5800 the ability to be an H.323 Gateway (Public Switched Telephone Network (PSTN) to VoIP). It will support up to a T3's worth of voice calls over four Voice Feature Cards (672 for T3, and 720 for two E1 cards). Traditional Cisco AS5800 modem and ISDN data features will continue to be supported in mixed voice/data mode.</p> <p>VoIP on the Cisco AS5800 has the following primary applications:</p> <ul style="list-style-type: none">• Two-stage dial toll bypass• PSTN voice traffic and fax traffic offload• Universally accessible voice mail and fax mail services <p>For more information, see the following pages:</p> <ul style="list-style-type: none">• Cisco IOS Release Software Release 12.0(4)XL Product Bulletin• New Features in 12.0T• Cisco IOS Software Release 12.0• Cisco IOS Software Release 12.0 Product Bulletin• New Feature Descriptions• Cisco IOS Software Release Dates and Milestones
Target Market	<p>Cisco Systems, Inc. released Cisco IOS Software Release 12.0(4)XL as a short-lived ED release for the Cisco AS5800.</p>
Product Support	<p>Cisco IOS Software Release 12.0(4)XL supports the Cisco AS5800 platform.</p>
Related Cisco IOS Releases	<p>The short-lived ED releases are based on Cisco IOS Software Release 12.0T and do not provide synchronized maintenance releases.</p>
Product/Feature Integration	<p>Short-lived ED or X releases introduce specific features or new platforms to the marketplace prior to their integration into a major Cisco IOS Software technology release. Cisco IOS ED releases are based on Cisco IOS Software Release 12.0T. For more information, see the following pages:</p> <ul style="list-style-type: none">• Guide to Cisco IOS Release Naming• New Features in 12.0-Based Limited Lifetime Releases• Cisco IOS Software Release 12.0• Cisco IOS Software Release 12.0 Product Bulletin

Maintenance Releases	Cisco IOS Software Release 12.0(4)XL is a short-lived release and does not provide maintenance releases. If needed, critical bug fixes will be provided in software rebuilds which will use the following naming convention: Cisco IOS Software Release 12.0(4)XL1, 12.0(4)XL2, and so on.	
Interim Builds	Cisco IOS Software Release 12.0(4)XL will provide interim builds. Interim builds are not recommended and are not fully tested. Customers will only be provided with interim builds when a critical defect renders the maintenance release unusable.	
Maintenance Release Synchronization Points	Cisco IOS Software short-lived ED or X releases do not provide scheduled maintenance releases.	
	Pulled From	Merging To
	Cisco IOS Software Release 12.0(4)T	Cisco IOS Software Release 12.0(6)T
	For more information, see the Projected Release Dates for Cisco IOS Software Product Bulletin.	
Recommended Migration	Features of Cisco IOS 12.0(4)XL will be ported to Cisco IOS 12.0(4)XH. The migration path is the logical superceding software. The uniqueness of each network requires that customers verify support for hardware, features, and protocols prior to a massive network upgrade. For more information, see the Projected Release Dates for Cisco IOS Software Software Bulletin.	
Year 2000 (Y2K) Compliant	Cisco IOS Software Release 12.0(4)XL is Y2K compliant.	
General Deployment (GD) Plan	Cisco IOS Software Release 12.0(4)XL is not targeted for GD certification.	
Life Cycle	Cisco IOS Software Release 12.0(4)XL is an ED release offering new features, platforms, or interface support. It has a short engineering life span with a migration path to Cisco IOS Software Release 12.0(6)T.	
Comments	For more information, see the following pages: <ul style="list-style-type: none"> • Cisco IOS Field Notices 	

Support Pages:

- Release Notes for Cisco AS5800 Universal Access Servers for Cisco IOS Release 12.0 XL

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