

Cisco IOS Software Release 12.0(4)XM

Document ID: 20300

Early Deployment (ED) Release Summary

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Description	<p>Cisco IOS® Software Release 12.0(4)XM is a short-lived ED release introducing support for the new Cisco 805 serial router. The Cisco 805 serial router with integrated Cisco IOS technology provides small offices with secure and reliable Internet access via Frame Relay, leased line, X.25 or asynchronous dialup. The new router features an Ethernet port and a serial port that supports synchronous serial connections of up to 512 kbps or asynchronous serial dialup (up to 115 kbps) with an external modem. The Cisco 805 serial router offers a secure, manageable multiprotocol solution for remote network access. The Cisco 800 serial router offers a complete range of security options, including the Cisco IOS Firewall feature set and IPSec.</p> <p>For more information, see the following pages:</p> <ul style="list-style-type: none">• Cisco IOS 12.0(4)XM 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 Release Milestones
Target Market	<p>Cisco Systems, Inc. released Cisco IOS Software Release 12.0(4)XM as a short-lived ED release for the Cisco 805 router.</p>
Product Support	<p>Cisco IOS Software Release 12.0(4)XM supports the Cisco 805 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 maintenances.</p>
Product/Feature Integration	<p>Short-lived ED or X releases introduce specific features or new platforms to the market place prior to their integration into a major Cisco IOS 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
	<p>Cisco IOS Software Release 12.0(4)XM is a short-lived release and does not provide maintenance releases. If needed, software rebuilds will use the following naming convention: Cisco IOS Software Release 12.0(4)XM1, 12.0(4)XM2, and</p>

Maintenance Releases	so on.				
Interim Builds	<p>Short-lived X releases do not provide interim builds.</p> <p>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.</p>				
Maintenance Release Synchronization Points	<p>Cisco IOS short-lived ED or X releases do not provide scheduled maintenance releases.</p> <table border="1"> <thead> <tr> <th>Pulled From</th> <th>Merging To</th> </tr> </thead> <tbody> <tr> <td>Cisco IOS Software Release 12.0(4)T</td> <td>Cisco IOS Software Release 12.0(6)T</td> </tr> </tbody> </table> <p>For more information, see the Projected Release Dates for Cisco IOS Software Product Bulletin.</p>	Pulled From	Merging To	Cisco IOS Software Release 12.0(4)T	Cisco IOS Software Release 12.0(6)T
Pulled From	Merging To				
Cisco IOS Software Release 12.0(4)T	Cisco IOS Software Release 12.0(6)T				
Recommended Migration	<p>Features of Cisco IOS Software Release 12.0(4)XM will be ported to Cisco IOS Software Release 12.0(6)T.</p> <p>The migration path is the logical superseding 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.</p>				
Year 2000 (Y2K) Compliant	Cisco IOS Software Release 12.0(4)XM is Y2K compliant.				
General Deployment (GD) Plan	Cisco IOS Software Release 12.0(4)XM is not targeted for GD certification.				
Life Cycle	Cisco IOS Software Release 12.0(4)XM 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 12.0(6)T.				
Comments	<p>For more information, see the following pages:</p> <ul style="list-style-type: none"> • Cisco IOS Field Notices 				

Support Pages:

- Cisco IOS 12.0(4)XM Product Bulletin
- Release Notes for the Cisco 805 Router for Cisco IOS Release 12.0(4)XM