

Cisco IOS Software Release 12.0(7)XR

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Early Deployment (ED) Release Summary

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Description	<p>Cisco IOS® Software Release 12.0(7)XR is a short-lived ED release that introduces enhanced services for Cable and Voice over IP (VoIP) applications for the Cisco AS5300, Cisco 2600, Cisco uBR7200, and Cisco uBR920 Series products. Cisco IOS Software Release 12.0(7)XR delivers support for the following new features:</p> <ul style="list-style-type: none">• Cable Interface Bundling• MC16 Modem Card for the Cisco uBR7200• Data-over-Cable Service Interface Specification (DOCSIS) 1.0+• Broadband Wireless Point-to-Point• Media Gateway Control Protocol (MGCP)• SS7 support for H.323 voice calls via SC2200• Cisco Signaling Link Terminal (SLT) <p>The following pages provide more details on Cisco IOS Software Release 12.0(7)XR.</p> <ul style="list-style-type: none">• Cisco IOS Software Release 12.0(7)XR Product Bulletin• New Features in Early Deployment Release 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(7)XR as a short-lived ED release for the Service Provider and Enterprise end-user environments.</p>
Product Support	<p>Cisco IOS Software Release 12.0(7)XR supports the Cisco AS5300, Cisco 2600, Cisco uBR7200, and Cisco uBR920 series platforms.</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 releases introduce specific features or new platforms to the marketplace prior to their integration into a major Cisco IOS technology release. Cisco IOS Software Release 12.0 "X" ED releases are based on Cisco IOS 12.0T. For more information, see the following pages:</p> <ul style="list-style-type: none">• Guide to Cisco IOS Release Naming

	<ul style="list-style-type: none"> • 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(7)XR is a short-lived release. If needed, subsequent maintenance versions will use the following naming convention: Cisco IOS Software Release 12.0(7)XR1, 12.0(7)XR2, and so on.				
Interim Builds	<p>Cisco IOS "X" ED 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 "X" ED 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(7)T</td> <td>Cisco IOS Software Release 12.1(1)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(7)T	Cisco IOS Software Release 12.1(1)T
Pulled From	Merging To				
Cisco IOS Software Release 12.0(7)T	Cisco IOS Software Release 12.1(1)T				
Recommended Migration	<p>Features of Cisco IOS Software Release 12.0(7)XR will be ported to Cisco IOS 12.1(1)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(7)XR is Y2K compliant.				
General Deployment (GD) Plan	Cisco IOS Software Release 12.0(7)XR is not targeted for GD certification.				
Life Cycle	Cisco IOS Software Release 12.0(7)XR 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 12.1(1)T.				
Comments	<p>For more information, see the following pages:</p> <ul style="list-style-type: none"> • Cisco IOS Field Notices 				

Support Pages:

- Release Notes for Cisco uBR924 Cable Access Router for Cisco IOS Release 12.0(7)XR1
- Release Notes for Cisco uBR7200 Series for Cisco IOS Release 12.0(7)XR2
- Release Notes for Cisco Signaling Link Terminal for Cisco IOS Release 12.0(7)XR