

Cisco IOS Software Release 12.0(2)XH

Document ID: 20295

Early Deployment (ED) Release Summary

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Description	<p>Cisco IOS® Software Release 12.0(2)XH is a short-lived ED release that introduces support for the next generation voice domain specific part (DSP) (DSPM-549) on existing voice carrier cards in the Cisco AS5300 platform. This release also introduces functionality that doubles the number of T1, E1, and Primary Rate Interface (PRI) ports from the previous limit of two to four. In other words, the AS5300 will now support up to 96 voice calls in T1/PRI configurations or up to 120 voice calls in E1/PRI configurations when configured with AS53-VOXD (T1 549-based) voice cards and using Cisco IOS Software Release 12.0(2)XH or later. Additionally, this release delivers initial support for the G.723.1 and G.729a voice coders (out of band dual tone multifrequency (DTMF) transport for coders that don't transport DTMF well) and codec negotiation. For more detailed information about the platforms and features being delivered in Cisco IOS Software Release 12.0(2)XH, please refer to the following pages:</p> <ul style="list-style-type: none">• Cisco IOS Software Release 12.0(2)XH Product Bulletin• Release Notes for Cisco AS5300 Universal Access Servers for Cisco IOS Release 12.0(2)XH• New Features in 12.0-Based Limited Lifetime Releases• Cisco IOS Software Release 12.0• Cisco IOS Software Release 12.0 Product Bulletin <ul style="list-style-type: none">• New Feature Descriptions• Cisco IOS Software Release Dates and Milestones
Target Market	<p>Cisco Systems, Inc. released Cisco IOS Software Release 12.0XH as a short-lived ED release for the Cisco AS5300 Access Server.</p>
Product Support	<p>Cisco IOS Software Release 12.0(2)XG supports the Cisco AS5300 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 to the marketplace prior to their integration into a major Cisco IOS technology release.</p> <p>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">• Cisco IOS Software Release 12.0• Cisco IOS Software Release 12.0 Product Bulletin

Maintenance Releases	Cisco IOS Software Release 12.0(2)XH is a short-term release and does not provide scheduled maintenance releases. If needed, subsequent software rebuilds will use the following naming convention: Cisco IOS Software Release 12.0(2)XH1, 12.0(2)XH2, and so on.	
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.	
	7-week maintenance cycle:	Short-lived ED releases do not provide synchronized maintenances.
	13-week maintenance cycle:	Not applicable
Maintenance Release Synchronization Points	Cisco IOS short-lived ED or X releases do not have a scheduled maintenance trail. Standard Cisco IOS ED releases regularly synchronize with parent releases and provide scheduled maintenance releases.	
	Pulled from	Merging to
	Cisco IOS Software Release 12.0(2)T	Cisco IOS Software Release 12.0(5)T
For more information, see the Projected Release Dates for Cisco IOS Software Product Bulletin.		
Recommended Migration	Features of Cisco IOS Software Release 12.0(2)XH will be ported to Cisco IOS 12.0(5)T.	
	From	To
	Pre Cisco IOS Software Release 12.0(2)T	Cisco IOS Software Release 12.0(2)XH
	Cisco IOS Software Release 12.0(2)XD	Cisco IOS Software Release 12.0(2)XH
	Cisco IOS Software Release 12.0(2)XH	Cisco IOS Software Release 12.0(5)T or later
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.		
Year 2000 (Y2K) Compliant	Cisco IOS Software Release 12.0(2)XH is Y2K compliant.	
General Deployment (GD) Plan	Cisco IOS Software Release 12.0(2)XH is not targeted for GD.	
Life Cycle	Cisco IOS Software Release 12.0(2)XH is an ED release offering new features, platforms, or interface support. Cisco IOS Software Release 12.0(2)XH will subsequently integrate into Cisco IOS 12.0(5)T.	
Comments	For more information, see the following pages: <ul style="list-style-type: none"> • Cisco IOS Field Notices 	

Support Pages:

- Cisco IOS Release 12.0(2)XH Product Bulletin
- Release Notes for Cisco AS5300 Universal Access Servers for Cisco IOS Release 12.0 XH3

- Feature Set Tables

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Updated: Feb 17, 2003

Document ID: 20295
