

Cisco IOS Software Release 12.0(7)XF

Document ID: 20278

Early Deployment (ED) Release Summary

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Description	<p>Cisco IOS® Software Release 12.0(7)XF is an ED release introducing a new ATM card for the Catalyst 2900XL platform. The ATM module (SONET STS-3c compliant) supports LAN emulation (LANE) v1.0, RFC 1483f, Multiprotocol over ATM (MPOA), and MPOA Client (MPC) for LANE. Other features include:</p> <ul style="list-style-type: none">• Fast Simple Server Redundancy Protocol (FSSRP) for LANE• Autodiscovery of MPOA servers (MPSs)• Retry mechanism support for establishing shortcut switched virtual circuit (SVC)• All SVCs use unspecified bit rate (UBR) or best-effort Traffic Descriptor and unspecified class of service• Supports convergence onto one virtual circuit channel (VCC) from duplicate VCCs <p>For more information, see the following:</p> <ul style="list-style-type: none">• Cisco IOS 12.0(7)XF Product Bulletin• Cisco IOS Software Release 12.0• Cisco IOS Software Release 12.0 Product Bulletin• New Feature Descriptions• Cisco IOS Software Release Dates and Milestones <p>Cisco IOS Software Release 12.0(7) release date was December 1999.</p>						
Target Market	Cisco Systems, Inc. released Cisco IOS Software Release 12.0(7)XF as an ED release for the Catalyst 2900XL.						
Product Support	<p>Cisco IOS Software Release 12.0(7)XF supports the following platforms:</p> <table border="1" data-bbox="520 1539 1487 1661"><thead><tr><th data-bbox="520 1539 751 1612">Series</th><th data-bbox="754 1539 1098 1612">Software Product Number</th><th data-bbox="1101 1539 1487 1612">Image Name/Feature Sets Available</th></tr></thead><tbody><tr><td data-bbox="520 1617 751 1661">Catalyst 2900XL</td><td data-bbox="754 1617 1098 1661"></td><td data-bbox="1101 1617 1487 1661">c29atm-m-mx.120-7.XF.bin</td></tr></tbody></table>	Series	Software Product Number	Image Name/Feature Sets Available	Catalyst 2900XL		c29atm-m-mx.120-7.XF.bin
Series	Software Product Number	Image Name/Feature Sets Available					
Catalyst 2900XL		c29atm-m-mx.120-7.XF.bin					
Related Cisco IOS Releases	Cisco IOS short-lived ED releases are based on Cisco IOS Software Release 12.0T.						
Product/Feature Integration	<p>New products and features are added to the maintenance releases of 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(7)XF is a short-term release. If needed, subsequent maintenance releases will use the following naming convention: Cisco IOS Software Release 12.0(7)XF2, 12.0(7)XF3, 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:	Cisco IOS Software Release 12.0(7)XF is not scheduled to provide time-based maintenances.
	13-week maintenance cycle:	Not applicable
Maintenance Release Synchronization Points	Short-lived ED or X releases do not have a maintenance trail. Other standard ED releases regularly synchronize with the parent and provide scheduled maintenance releases.	
	Pulled from	Merging to
	Cisco IOS Software Release 12.0(6)T	Cisco Software Release 12.0(7)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(7)XF will be ported to Cisco IOS 12.1(1).	
	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.	
General Deployment (GD) Plan	Cisco IOS Software Release 12.0(7)XF is not targeted for GD.	
Year 2000 (Y2K) Compliant	Cisco IOS Software Release 12.0(7)XF is Y2K compliant. For more information, see the Year 2000 Compliance page.	
Life Cycle	Cisco IOS Software Release 12.0(7)XF is a short-lived release and will not reach GD status.	
Comments	For more information, see the following pages: <ul style="list-style-type: none"> • Cisco IOS Field Notices 	

Support Pages:

- Cisco IOS Software Release 12.0(7)XF Product Bulletin
- Release Notes for Catalyst 2900 Series XL ATM Modules
- New Feature Descriptions
- Catalyst 2900 Series XL and Catalyst 3500 Series XL Switches