

Cisco IOS Software Release 12.2B

Document ID: 20346

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Description of the Release	<p>Cisco IOS® Software Release 12.2B is a specific-technology, early-deployment release (STED) optimized for support of the Cisco 6400 platform.</p> <p>This release is based upon Cisco IOS Software Release 12.2T. New features in Cisco IOS Software Release 12.2(2)B include (but are not limited to):</p> <ul style="list-style-type: none">• PPPoX 8000 sessions (target) platform• 8000 sessions Service Selection Gateway (SSG)• Routed bridge encapsulation (RBE) 8000 sessions (target)• 2000 Layer 2 Tunneling Protocol (L2TP) tunnels (target)• Multiprotocol Label Switching (MPLS) VPN on node route processor (NRP)-2• Neptune Phase 1 on NRP-2• Per-VC traffic shaping for minimum 600 sessions on NRP-2 [no DBS]• IP Quality of Service (QoS) – policing, marking and classification• PPPoE Session Limit (per ATM VC)• PPPoE session count MIB• ATM Simple Network Management Protocol (SNMP) Trap and Operation, Administration, and Maintenance (OAM) Enhancements• SSG Host Key• SSG AAA Server Group Support for Proxy Services• PPPoEoE (on FE on NRP-1) <p>Any early deployment (ED) release of software should be used in a test network before being deployed in a production network.</p>						
Product and Feature Support	<p>The Cisco IOS Software Release 12.2(2)B will support the following platforms:</p> <table border="1"><thead><tr><th data-bbox="442 1818 865 1896">Product/Feature</th><th data-bbox="865 1818 1163 1896">Image Name</th><th data-bbox="1163 1818 1447 1896">Memory Requirements</th></tr></thead><tbody><tr><td data-bbox="442 1896 865 2009">Cisco 6400 Images</td><td data-bbox="865 1896 1163 2009">• C6400r-boot-mz</td><td data-bbox="1163 1896 1447 2009">See Release Notes</td></tr></tbody></table>	Product/Feature	Image Name	Memory Requirements	Cisco 6400 Images	• C6400r-boot-mz	See Release Notes
Product/Feature	Image Name	Memory Requirements					
Cisco 6400 Images	• C6400r-boot-mz	See Release Notes					

	<ul style="list-style-type: none"> • C6400r-g4p5-mz • C6400r2sp-g4p5-mz • C6400s-wp-mz 																			
<p>Note: This train is a migration path for existing ED trains: Cisco IOS Software Releases 12.1DC, 12.2DD, and 12.2(2)XF. The life cycle of Cisco IOS Software Release 12.2B will follow life cycle of Cisco IOS Software Release 12.2T.</p>																				
<p>Support Pages</p>	<p>For more information, consult the following web pages:</p> <p>Release Documentation</p> <ul style="list-style-type: none"> • Cisco IOS Software Release 12.2(2)B Product Bulletin • Cisco IOS Software Release 12.2B Release Notes <p>Parent Release Documentation</p> <ul style="list-style-type: none"> • Cisco IOS Software Release 12.2T Release Notes <p>Other Links</p> <ul style="list-style-type: none"> • Cisco IOS Field Notices • Cisco IOS Reference Guide • Projected Release Dates 																			
<p>Target Market</p>	<p>Cisco Systems, Inc. released Cisco IOS Software Release 12.2(2)B as long-lived ED release for the Cisco 6400 and 7200 platforms. It is targeted for the Enterprise market.</p>																			
<p>Lifecycle of Release</p>	<p>Cisco IOS Software Release Reference Guide</p> <table border="1" data-bbox="440 1146 1447 1528"> <thead> <tr> <th data-bbox="440 1146 919 1188">Milestones</th> <th data-bbox="919 1146 1177 1188">Y2K Compliance</th> <th data-bbox="1177 1146 1447 1188">Release Designation</th> </tr> </thead> <tbody> <tr> <td data-bbox="440 1188 919 1241">CCO FCS: 9/30/01</td> <td data-bbox="919 1188 1177 1241"></td> <td data-bbox="1177 1188 1447 1241"></td> </tr> <tr> <td data-bbox="440 1241 919 1293">MFG FCS: 10/7/01</td> <td data-bbox="919 1241 1177 1293"></td> <td data-bbox="1177 1241 1447 1293"></td> </tr> <tr> <td data-bbox="440 1293 919 1346">EOS:</td> <td data-bbox="919 1293 1177 1346">Yes</td> <td data-bbox="1177 1293 1447 1346">ED Release</td> </tr> <tr> <td data-bbox="440 1346 919 1398">EOE:</td> <td data-bbox="919 1346 1177 1398"></td> <td data-bbox="1177 1346 1447 1398"></td> </tr> <tr> <td data-bbox="440 1398 919 1451">EOL:</td> <td data-bbox="919 1398 1177 1451"></td> <td data-bbox="1177 1398 1447 1451"></td> </tr> </tbody> </table>		Milestones	Y2K Compliance	Release Designation	CCO FCS: 9/30/01			MFG FCS: 10/7/01			EOS:	Yes	ED Release	EOE:			EOL:		
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<p>Maintenance Releases</p>	<p>CCO registered customers can view the Projected Release Dates for Cisco IOS Software Product Bulletin.</p> <p>It is highly recommended that release notes are used to determine if a maintenance release should be used. Release notes provide announcements of new features and a summary of known caveats at the time of the renumber.</p> <table border="1" data-bbox="440 1787 1203 1835"> <tr> <td data-bbox="440 1787 751 1835">Maintenance Cycle</td> <td data-bbox="751 1787 1203 1835">Download Image</td> </tr> </table>		Maintenance Cycle	Download Image																
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	<p>12.2B— Sync and Build resources from ITD already budgeted and in place for past two years.</p>	
<p>Important Notes: Interim release cycle is every 2 weeks.</p>		

Interim Builds

Short-lived X releases do not provide interim builds.

Recommended Customer Migration Path

To view the projected release date of the Cisco IOS Software Release 12.2B, see the Projected Release Dates for Cisco IOS Software Product Bulletin.

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