

# Cisco IOS Software Release 12.1E

Document ID: 20336

## Main Release Summary

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<b>Description of the Release</b>	<p>Cisco IOS® Software Release 12.1E is the specific market early deployment release (SMED) for the enterprise sector. It is also the logical next release of Cisco IOS Software Release 12.0XE releases.</p> <p>Cisco IOS Software Release 12.1(1)E is based on Cisco IOS Software Release 12.1(1) mainline. In addition to new features and hardware specific to Cisco IOS Software Release 12.1E, all functionality of Cisco IOS 12.1 mainline is also in 12.1E.</p> <p>Cisco IOS Software Release 12.1(1)E is slated for March 27, 2000 on CCO. Cisco Manufacturing shipment is expected on March 27, 2000. For planned maintenance dates please go to the "Maintenance Release Section" below.</p> <p><b>NOTE: Only 7100, 7200, CAT6000 and C6MSFC images are released to CCO on March 27, 2000. More information will be provided later on 7500 (rsp-*--mz) image availability.</b></p> <ul style="list-style-type: none"><li>• Release Notes for Cisco 7000 Family for Cisco IOS Release 12.1E</li><li>• Release Notes for Catalyst 6000 Family MFSC for Cisco IOS Release 12.1E</li><li>• Cisco IOS Software Release 12.1E for the Cisco 7100, 7200 and 7500</li></ul>																						
<b>Target Market</b>	Cisco IOS Software Release 12.1E is for general purpose use by Enterprise and Server Providers.																						
<b>Product and Feature Support</b>	<p>The Cisco IOS Software Release 12.1E will support the available Cisco platforms.</p> <table border="1" data-bbox="483 1465 1489 1808"><thead><tr><th>Product/Feature</th><th>Image name</th><th>Memory Requirements</th></tr></thead><tbody><tr><td>Cisco 7100</td><td>c7100-*--mz</td><td>See Release Note</td></tr><tr><td>Cisco 7200</td><td>c7200-*--mz</td><td>See Release Note</td></tr><tr><td>Cisco 7500</td><td>rsp-*--mz</td><td>See Release Note</td></tr><tr><td>Catalyst 5000</td><td>c5atm-*--mz</td><td>See Release Note</td></tr><tr><td rowspan="3">Catalyst 6000</td><td>c6sup*-*--mz</td><td>See Release Note</td></tr><tr><td>c6msfc*-*--mz</td><td>See Release Note</td></tr><tr><td>c6atm-*--mz</td><td>See Release Note</td></tr></tbody></table> <ul style="list-style-type: none"><li>• New Features in Release 12.1E</li><li>• Feature Matrices: Releases 10.3 through 12.1</li><li>• Standards Supported in Cisco IOS Software Release 12.1/12.1T</li><li>• Index of New Features in Release 12.1</li></ul>	Product/Feature	Image name	Memory Requirements	Cisco 7100	c7100-*--mz	See Release Note	Cisco 7200	c7200-*--mz	See Release Note	Cisco 7500	rsp-*--mz	See Release Note	Catalyst 5000	c5atm-*--mz	See Release Note	Catalyst 6000	c6sup*-*--mz	See Release Note	c6msfc*-*--mz	See Release Note	c6atm-*--mz	See Release Note
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Cisco 7200	c7200-*--mz	See Release Note																					
Cisco 7500	rsp-*--mz	See Release Note																					
Catalyst 5000	c5atm-*--mz	See Release Note																					
Catalyst 6000	c6sup*-*--mz	See Release Note																					
	c6msfc*-*--mz	See Release Note																					
	c6atm-*--mz	See Release Note																					

<b>Lifecycle of Release</b>	Cisco IOS Software Release 12.E will follow the standard Cisco life cycle.		
	<ul style="list-style-type: none"> <li>Product Bulletin, No. 1068: Cisco IOS Software Release 12.1E for the Cisco 7100, 7200 and 7500</li> </ul> <p>For more information on a Cisco IOS lifecycle see:</p> <ul style="list-style-type: none"> <li>White Paper: Cisco IOS® Reference Guide</li> </ul>		
	<b>Milestones</b>	<b>Y2k Compliance</b>	<b>Release Designation</b>
	CCO FCS:March 28, 2000 MFG FCS:March 27, 2000 EOS: EOE: EOL:	Yes	ED

<b>Maintenance Releases</b>	<b>Customer View of Release</b>	
	CCO registered customers can view:	
	<ul style="list-style-type: none"> <li>Projected Release Dates for Cisco IOS Software Product Bulletin</li> <li>What's New for Cisco IOS</li> <li>Hardware–Software Compatibility Matrix</li> </ul>	
	<b>8–Week maintenance cycle:</b>	<ul style="list-style-type: none"> <li>Cisco IOS Software Release 12.1E will provide a maintenance release every eight weeks.</li> <li>Cisco IOS Software Release 12.1E will lag behind the parent train, 12.1, by two weeks.</li> </ul>
<b>Important Notes:</b>		
<b>Maintenance Release/Date</b>	<b>Details</b>	
12.1E		
12.1*	Field Notices	
12.1(1)E through 12.1(2)E August 22, 2000	Field Notice: OSPF/MPLS/CEF Software Defect on Cisco 7500 RSPs	
12.1(1)E2 May 12, 2000	Field Notice: Catalyst MSFC IOS 12.1(1)E2 Has Been Deferred	
12.1(1)E2 May 11, 2000	Field Notice: Cisco IOS Software Release 12.1(1)E2	
12.1(1)E1 April 17, 2000	12.1(1)E1 is planned to be released April 17, 2000. See Field Notice for details why 12.1(1)E1 is built. New orders out of MFG will replace 12.1(1)E images with 12.1(1)E1. CCO will have both 12.1(1)E and 12.1(1)E1 available.	
12.1(X)E 7200 BOOT IMAGE April 6, 2000	Field Notice: Oversized Cisco 7200 BootImage	

<b>Interim Builds</b>	<b>8-week maintenance cycle:</b>	Five interim builds will be made available to development and critical customers.										
<b>Recommended Migration</b>	<p>Cisco IOS Software Release 12.1(1)E will migrate to Cisco IOS Software Release 12.1(5)T. All maintenance updates will be placed into Cisco IOS Software Release 12.1(5)T and future Cisco IOS 12.1 T maintenance releases. Cisco IOS Software Release 12.1(2)E and future 12.1E releases will continue on the 12.1E release for maintenance until further notice.</p> <table border="1" data-bbox="481 403 1059 966"> <thead> <tr> <th data-bbox="481 403 724 445"><b>From</b></th> <th data-bbox="724 403 1059 445"><b>To</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="481 445 724 558">Cisco IOS Software Release 12.0(7)XE</td> <td data-bbox="724 445 1059 558">Cisco IOS Software Release 12.1(1)E</td> </tr> <tr> <td data-bbox="481 558 724 672">Cisco IOS Software Release 12.1(1)EX</td> <td data-bbox="724 558 1059 672">Cisco IOS Software Release 12.1(1)E</td> </tr> <tr> <td data-bbox="481 672 724 819">Cisco IOS Software Release 12.1(1)E</td> <td data-bbox="724 672 1059 819">Cisco IOS Software Release 12.1(5)T or 12.1(2)E and later 12.1E releases</td> </tr> <tr> <td data-bbox="481 819 724 966">Cisco IOS Software Releases 12.1(2)E through 12.1(x)E</td> <td data-bbox="724 819 1059 966">Future Announcements</td> </tr> </tbody> </table> <p>For more information see the Release Notes for Cisco 7000 Family for Cisco IOS 12.1E.</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 Product Bulletin.</p>		<b>From</b>	<b>To</b>	Cisco IOS Software Release 12.0(7)XE	Cisco IOS Software Release 12.1(1)E	Cisco IOS Software Release 12.1(1)EX	Cisco IOS Software Release 12.1(1)E	Cisco IOS Software Release 12.1(1)E	Cisco IOS Software Release 12.1(5)T or 12.1(2)E and later 12.1E releases	Cisco IOS Software Releases 12.1(2)E through 12.1(x)E	Future Announcements
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<b>Support Pages</b>	<p>For more information, consult the following web pages:</p> <p><b>Release Documentation</b></p> <ul style="list-style-type: none"> <li>• 12.1E Release Notes</li> </ul> <p><b>Release Notes for 12.1E by Platform</b></p> <ul style="list-style-type: none"> <li>• Cisco 7000, 7100, 7200, 7500 Release Notes</li> <li>• Catalyst 6000 Family for Cisco IOS Release 12.1(1)E</li> </ul> <p><b>Parent Release Documentation</b></p> <ul style="list-style-type: none"> <li>• Cisco Cross Platform 12.1 Release Notes</li> </ul> <p><b>Other Links</b></p> <ul style="list-style-type: none"> <li>• Cisco IOS Field Notices</li> <li>• Cisco IOS Reference Guide</li> <li>• Cisco Software Release Milestone</li> <li>• Cisco IOS Release Definition</li> </ul>											

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