

# Cisco IOS Software Release 11.3(x)WA4

Document ID: 20263

## Early Deployment (ED) Release Summary

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<b>Description</b>	<p>Cisco IOS® Software Release 11.3(2)WA4 delivers Multilayer Switching (MLS) functionality on the Cisco IOS 11.3(2) base code. Cisco IOS Software Release 11.3(2)WA4(x) is supported on the following platforms:</p> <ul style="list-style-type: none"><li>• Cisco Catalyst 5000 series Route Switch Modules (RSMs)</li><li>• Cisco 4500 and Cisco 4700 routers</li><li>• Cisco 7200 and Cisco 7500 routers</li><li>• LightStream 1010 family of switches</li></ul> <p>This release and all subsequent Cisco IOS Software Release 11.3(x)WA4(x) releases will include switching enhancements and module support on the platforms listed above.</p> <p>Note that Cisco IOS Software Release 11.3(3)WA4(5) introduces several new features including Multiprotocol over ATM (MPOA).</p> <p>MLS consists of the following:</p> <ul style="list-style-type: none"><li>• Catalyst 5000 series multilayer LAN switches.</li><li>• Catalyst 5000 series RSMs providing Cisco IOS–based multiprotocol routing and network services.</li><li>• The NetFlow Feature Card (NFFC) in the Cisco 4500, Cisco 4700, Cisco 7200, and Cisco 7500 series routers is a modular feature card upgrade for the Catalyst 5000 series Supervisor Engine III to provide Layer 3 switching.</li></ul> <p>Cisco IOS Software Release 11.3.5–WA4.8 became available on Cisco Connection Online (CCO) on November 10, 1998. For more information, see the following pages:</p> <ul style="list-style-type: none"><li>• Cisco IOS Software Release 11.3</li><li>• Types of Cisco IOS Software Releases Product Bulletin</li></ul>
<b>Target Market</b>	The Cisco IOS Software Release 11.3WA target market is ELB workgroups.
<b>Product Support</b>	Cisco Systems, Inc. released Cisco IOS Software Release 11.3WA to support only limited platforms.
	The early deployment releases based on Cisco IOS Software Release 11.3 regularly synchronize with it to catch base code bug fixes. For more information, see the Cisco IOS Software Release 11.3 page.

<b>Related Cisco IOS Releases</b>																			
<b>Product/Feature Integration</b>	<p>New products or features were added to the maintenance releases of Cisco IOS Software Release 11.3WA. For more information, see the following pages:</p> <ul style="list-style-type: none"> <li>• Cisco IOS Software Release 11.3</li> </ul>																		
<b>Maintenance Releases</b>	<ul style="list-style-type: none"> <li>• Cisco IOS Software Release 11.3(2a)WA4(4) was released on June 11, 1998, for LightStream 1010 and Route/Switch Processor (RSP) images.</li> <li>• Cisco IOS Software Release 11.3(2.5) WA4(4m) for the digital modem card carrier NM (LAN emulation (LANE), permanent virtual circuit (PVC) shaping) was released on June 15, 1998.</li> <li>• Cisco IOS Software Release 11.3(2a)WA4(4a) was released on July 7, 1998.</li> <li>• Cisco IOS Software Release 11.3(3)WA4(5), with support for Enhanced Address Recognition Logic 2 (EARL2) and MPOA, was released on July 24, 1998.</li> <li>• Cisco IOS Software Release 11.2(15)WA3(6) was released on August 15, 1998.</li> <li>• Cisco IOS Software Release 11.3(3a)WA4(6) was released on August 15, 1998.</li> <li>• Cisco IOS Software Release 11.3(4)WA4(7) was released on September 11, 1998.</li> </ul>																		
<b>Interim Builds</b>	<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> <table border="1" data-bbox="518 1108 1490 1331"> <tr> <td data-bbox="518 1108 754 1220"><b>7-week maintenance cycle:</b></td> <td data-bbox="754 1108 1490 1220">Cisco IOS Software Release 11.3 uses a 7-week release model. A maintenance release is delivered once every seven weeks. An interim build is executed once a week.</td> </tr> <tr> <td data-bbox="518 1220 754 1331"><b>13-week maintenance cycle:</b></td> <td data-bbox="754 1220 1490 1331">Not applicable</td> </tr> </table>	<b>7-week maintenance cycle:</b>	Cisco IOS Software Release 11.3 uses a 7-week release model. A maintenance release is delivered once every seven weeks. An interim build is executed once a week.	<b>13-week maintenance cycle:</b>	Not applicable														
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<b>Maintenance Release Synchronization Points</b>	<p>Regular maintenance releases are provided for the life of the the release. For more information, see the Projected Release Dates for Cisco IOS Software Product Bulletin.</p>																		
<b>Recommended Migration</b>	<p>Cisco IOS Software Release 11.3(x)WA4 features were ported to Cisco IOS 12.0W5 in late 1998.</p> <table border="1" data-bbox="518 1646 1490 1940"> <thead> <tr> <th data-bbox="518 1646 855 1724"><b>Platforms/Images</b></th> <th data-bbox="855 1646 1289 1724"><b>Last Maintenance Support on Cisco IOS 11.3WA</b></th> <th data-bbox="1289 1646 1490 1724"><b>Migration Path</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="518 1724 855 1770">c5rsm,c4500,c7200,rsp</td> <td data-bbox="855 1724 1289 1770">11.3(11)WA4(14)</td> <td data-bbox="1289 1724 1490 1770">12.0(3c)W5(8)</td> </tr> <tr> <td data-bbox="518 1770 855 1816">c5atm-wblane,c5atm-wtall</td> <td data-bbox="855 1770 1289 1816">11.3(11)WA4(14)</td> <td data-bbox="1289 1770 1490 1816">12.0(4a)W5(10)</td> </tr> <tr> <td data-bbox="518 1816 855 1862">c5atm-wbpvc</td> <td data-bbox="855 1816 1289 1862">11.3(6)WA4(9d)</td> <td data-bbox="1289 1816 1490 1862">12.1(x)E*</td> </tr> <tr> <td data-bbox="518 1862 855 1908">c5atm-wtoken</td> <td data-bbox="855 1862 1289 1908">11.3(11)WA4(14)</td> <td data-bbox="1289 1862 1490 1908">12.0(6)T</td> </tr> <tr> <td data-bbox="518 1908 855 1940">ls1010</td> <td data-bbox="855 1908 1289 1940">11.3(5)WA4(8d)</td> <td data-bbox="1289 1908 1490 1940">12.0(2a)</td> </tr> </tbody> </table>	<b>Platforms/Images</b>	<b>Last Maintenance Support on Cisco IOS 11.3WA</b>	<b>Migration Path</b>	c5rsm,c4500,c7200,rsp	11.3(11)WA4(14)	12.0(3c)W5(8)	c5atm-wblane,c5atm-wtall	11.3(11)WA4(14)	12.0(4a)W5(10)	c5atm-wbpvc	11.3(6)WA4(9d)	12.1(x)E*	c5atm-wtoken	11.3(11)WA4(14)	12.0(6)T	ls1010	11.3(5)WA4(8d)	12.0(2a)
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	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.
<b>Year 2000 (Y2K) Compliant</b>	Cisco IOS Software Release 11.3WA is Y2K compliant.
<b>General Deployment (GD) Plan</b>	Cisco IOS Software Release 11.3(x)WA will not achieve GD status.
<b>Life Cycle</b>	The Cisco IOS Software Release 11.3WA release train will be supported for 16 months. It is slated for End of Engineering in the September 1999 time frame.
<b>Comments</b>	For more information, see the following pages: <ul style="list-style-type: none"> <li>• Cisco IOS Field Notices</li> </ul>

## Support Pages:

- Release Notes for RSM, Cisco 4500, 4700, 7200, and 7500 Routers for Cisco IOS Release 11.3WA4
- Cisco IOS Software Release 11.3
- Product Specific Release Notes for Cisco IOS Release 11.3
- Product Bulletins

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