

## End-of-Sale and End-of-Life Announcement for Cisco IOS Software Releases 12.0(2)S Through 12.0(31)S

EOL5568

Cisco® announces the end-of-sale and end-of-life dates for Cisco IOS® Software Releases 12.0(2)S through 12.0(31)S. All components of Releases 12.0(2)S through 12.0(31)S, including rebuilds and corresponding images of releases, are included in this end-of-sale and end-of-life announcement. This end-of-sale and end-of-life announcement does not apply to Cisco IOS Software Release 12.0(32)S or later releases.

**The last day to order Release 12.0(2)S through Release 12.0(25)S is March 15, 2008.** Software fixes for issues found on Releases 12.0(2)S through 12.0(25)S will be provided only through rebuilds of Release 12.0(32)S or later releases from the end-of-sale date until March 15, 2009. After March 15, 2009, Cisco Engineering will no longer repair or maintain Releases 12.0(2)S through 12.0(25)S.

Customers with active service contracts on hardware running any release from Release 12.0(2)S through Release 12.0(25)S will continue to receive technical support from the Cisco Technical Assistance Center (TAC) until March 14, 2013. Table 1 describes the end-of-life milestones, definitions, and dates for Release 12.0(2)S through Release 12.0(25)S.

**The last day to order Release 12.0(26)S through Release 12.0(31)S is September 16, 2008.** Software fixes for issues found on Releases 12.0(26)S through 12.0(31)S will be provided through rebuilds of Release 12.0(26)S through Release 12.0(31)S until September 16, 2009. After September 16, 2009, and until September 16, 2011, software fixes for issues found on Releases 12.0(26)S through 12.0(31)S will be provided only through rebuilds of Release 12.0(32)S or later. After September 16, 2011, Cisco Engineering will no longer repair or maintain Releases 12.0(26)S through 12.0(31)S. Customers with active service contracts on hardware running any release from Release 12.0(26)S through Release 12.0(31)S will continue to receive technical support from the Cisco TAC until September 17, 2013. Table 2 describes the end-of-life milestones, definitions, and dates for Release 12.0(26)S through Release 12.0(31)S.

Table 3 lists the product part numbers affected by this announcement.

**Note:** End-of-sale and end-of-life announcements for platforms and/or hardware may affect image availability for Release 12.0(2)S through Release 12.0(31)S. Platform or hardware end-of-sale and end-of-life dates and terms of support take precedence over the milestones in this document. Please see the platform product bulletins listed below for more information.

**Table 1.** EoL Milestones and Dates for Cisco IOS Software Release 12.0(2)S Through Release 12.0(25)S

Milestone	Definition	Date
<b>End-of-life announcement date</b>	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	17-Sept-2007
<b>End-of-sale date</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale, orderable, or included in manufacturing shipments after this date.  This also marks end of engineering, maintenance rebuilds, and software fixes through rebuilds of Release 12.0(2)S through Release 12.0(25)S. After this date, maintenance rebuilds and software-fix support will be provided only through rebuilds of Release 12.0(32)S or later.	15-March-2008
<b>End of software maintenance releases through migration</b>	The last date that Cisco Engineering may release any final software maintenance releases or software fixes. Engineering maintenance rebuilds and software-fix support for Release 12.0(2)S through Release 12.0(25)S will be provided only through migration to rebuilds of Release 12.0(32)S or later. After this date, Cisco Engineering will no longer repair or maintain Release 12.0(2)S through Release 12.0(25)S.	15-March-2009  Engineering software support provided only through migration to rebuilds of Release 12.0(32)S or later
<b>End of security and vulnerability fixes</b>	The last date that Cisco Engineering will provide support for security vulnerabilities, defined as network-impacting security vulnerabilities that have been identified by the customer to Cisco TAC and subsequently qualified via Cisco's normal evaluation process. Critical security and vulnerability fixes will be provided according to the following terms and conditions: <ul style="list-style-type: none"> <li>• Cisco TAC will first use commercially reasonable efforts to work with the customer to determine the locality of impact and to find a workaround for the problem.</li> <li>• If an alternative workaround is not possible during the extended period of support, then Cisco will make commercially reasonable efforts to provide a "bug fix" solution in Release 12.0(32)S or in a later supported software release to remedy the problem.</li> <li>• If despite commercially reasonable efforts Cisco is unable to provide a software-based solution, it may be necessary for the customer to remove or upgrade the affected software-based systems to correct the problem.</li> </ul>	15-March-2010  Engineering software support provided only through rebuilds of Release 12.0(32)S or later
<b>Last date of support</b>	The last date to receive Cisco TAC service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	14-March-2013

**Table 2.** EoL Milestones and Dates for Cisco IOS Software Release 12.0(26)S Through Release 12.0(31)S

Milestone	Definition	Date
<b>End-of-life announcement date</b>	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	17-Sept-2007
<b>End-of-sale date</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale, orderable, or included in manufacturing shipments after this date.	16-Sept-2008
<b>End of software maintenance releases dates</b>	The last date that Cisco Engineering will release any final software maintenance releases or software fixes through rebuilds of Release 12.0(26)S through Release 12.0(31)S. Engineering maintenance rebuilds and software-fix support will be provided through rebuilds of Release 12.0(26)S through Release 12.0(31)S until September 16, 2009. Between September 16, 2009, and September 16, 2011, maintenance rebuilds and software-fix support will be provided only through rebuilds of Release 12.0(32)S or later.	16-Sept-2009
	The last date that Cisco Engineering will release any final software maintenance releases or bug fixes through rebuilds of Release 12.0(32)S or later. After September 16, 2009, and until September 16, 2011, maintenance rebuilds and software-fix support will be provided through rebuilds of Release 12.0(32)S or later. After September 16, 2011, Cisco Engineering will no longer repair or maintain Release 12.0(26)S through Release 12.0(31)S.	16-Sept-2011  Engineering software support provided only through rebuilds of Release 12.0(32)S or later

<b>End of security and vulnerability fixes</b>	<p>The last date that Cisco Engineering will provide support for security vulnerabilities, defined as network-impacting security vulnerabilities that have been identified by the customer to Cisco TAC and subsequently qualified via Cisco's normal evaluation process. Critical security and vulnerability fixes will be provided according to the following terms and conditions:</p> <ul style="list-style-type: none"> <li>• Cisco TAC will first use commercially reasonable efforts to work with the customer to determine the locality of impact and to find a workaround for the problem.</li> <li>• If an alternative workaround is not possible during the extended period of support, then Cisco will make commercially reasonable efforts to provide a "bug fix" solution in Release 12.0(32)S or in a later supported software release to remedy the problem.</li> <li>• If despite commercially reasonable efforts Cisco is unable to provide a software-based solution, it may be necessary for the customer to remove or upgrade the affected software-based systems to correct the problem.</li> </ul>	16-Sept-2011 Engineering software support provided only through rebuilds of Release 12.0(32)S or later
<b>Last date of support</b>	The last date to receive Cisco TAC service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	17-Sept-2013

**Table 3.** Product Part Numbers Affected by This Announcement

End-of-Sale Cisco IOS Software Release Versions	Product Description
12.0(31)S 12.0(30)S 12.0(29)S 12.0(28)S 12.0(27)S 12.0(27)S 12.0(26)S 12.0(25)S 12.0(24)S 12.0(23)S 12.0(22)S 12.0(21)S,12.0(21)ST 12.0(20)S,12.0(20)ST 12.0(19)S,12.0(19)ST 12.0(18)S,12.0(18)ST 12.0(17)S,12.0(17)ST 12.0(16)S,12.0(16)ST 12.0(15)S 12.0(14)S,12.0(14)ST 12.0(13)S 12.0(12)S 12.0(11)S, 12.0(11)ST 12.0(10)S, 12.0(10)ST 12.0(9)S, 12.0(9)ST 12.0(8)S 12.0(7)S 12.0(6)S 12.0(5)S 12.0(4)S 12.0(3)S 12.0(2)S	<p>The listed Cisco IOS Software Release versions are a representation of Release 12.0(2)S through Release 12.0(31)S releases. Additional maintenance rebuilds of Release 12.0(2)S through Release 12.0(31)S -- for example, 12.0(31)Sx, where "x" indicates the next maintenance rebuild -- may occur prior to the end of software maintenance. All components of Release 12.0(2)S through Release 12.0(31)S, including rebuilds and corresponding images of releases, are included in this end-of-sale/end-of-life announcement.</p>

## Product Migration Options

Cisco recommends that customers regularly take inventory of the Cisco IOS Software releases deployed in their networks. This helps to ensure that networks run the most currently supported releases available from Cisco. In general, the migration path for a Cisco IOS Software release is to the latest version of that release. The latest version incorporates the current software fixes, hardware support, and new software features.

Customers using any release of the Cisco IOS Software from Release 12.0(2)S through Release 12.0(31)S on current Cisco IOS Software-maintained hardware are encouraged to migrate to Release 12.0(32)S or later, which inherit all functionality and software fixes from previous Release 12.0S releases, include additional functionality and software fixes, and receive ongoing testing for added quality.

**Note:** When upgrading to a more recent release, certain software images may not be available, hardware may or may not be supported, and memory requirements may have changed. Always consult the Cisco IOS Software Upgrade Planner and Cisco Feature Navigator to verify critical functionality on required hardware.

## Platform End-of-Sale Bulletins

- Cisco 7500 Series Router:  
[http://www.cisco.com/en/US/prod/collateral/routers/ps359/prod\\_end-of-life\\_notice0900aecd8058ffe4.html](http://www.cisco.com/en/US/prod/collateral/routers/ps359/prod_end-of-life_notice0900aecd8058ffe4.html)

For more information, please visit:

- Cisco IOS Software Lifecycle Dates:  
[http://www.cisco.com/en/US/products/sw/iosswrel/ps5187/prod\\_bulletin0900aecd801eda8a.html](http://www.cisco.com/en/US/products/sw/iosswrel/ps5187/prod_bulletin0900aecd801eda8a.html)
- Download Software Area: <http://www.cisco.com/public/sw-center/index.shtml>
- Cisco Feature Navigator: <http://tools.cisco.com/ITDIT/CFN/jsp/index.jsp>
- Cisco Software Advisor: <http://tools.cisco.com/Support/Fusion/FusionHome.do>
- Cisco IOS Software Releases: <http://www.cisco.com/warp/public/732/releases/>
- Cisco End-of-Life Policy: [http://www.cisco.com/en/US/products/products\\_end-of-life\\_policy.html](http://www.cisco.com/en/US/products/products_end-of-life_policy.html)
- Subscribe to receive End-of-Life/End-of-Sale information: <http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>
- Hardware End-of-Sale and End-of-Life Announcements:  
[http://www.cisco.com/en/US/partner/products/prod\\_end\\_of\\_life.html](http://www.cisco.com/en/US/partner/products/prod_end_of_life.html)
- Cross-Platform Release Notes for Cisco IOS Software Releases 12.0 S:  
[http://www.cisco.com/en/US/products/sw/iosswrel/ps1829/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/iosswrel/ps1829/prod_release_notes_list.html)



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