

Cisco IOS Software Product Lifecycle Dates and Milestones

PB2214

Effective: June 2003 (Last Updated: February, 2008)

The Cisco IOS[®] Software release product lifecycle establishes the policies and milestones for Cisco IOS Software releases. These policies and milestones facilitate the Cisco IOS Software release selection process for deploying technologies during the supported software product lifespan, and provide migration path options for a proactive and streamlined software upgrade before a release reaches end of software maintenance.

Current releases covered by the Cisco IOS Software release product lifecycle defined in this document include Releases 12.4 and 12.4T, Release 12.2S family (Releases 12.2S, 12.2SX, 12.2SR, 12.2SB, 12.2SE, and 12.2SG), and Release 12.0S.

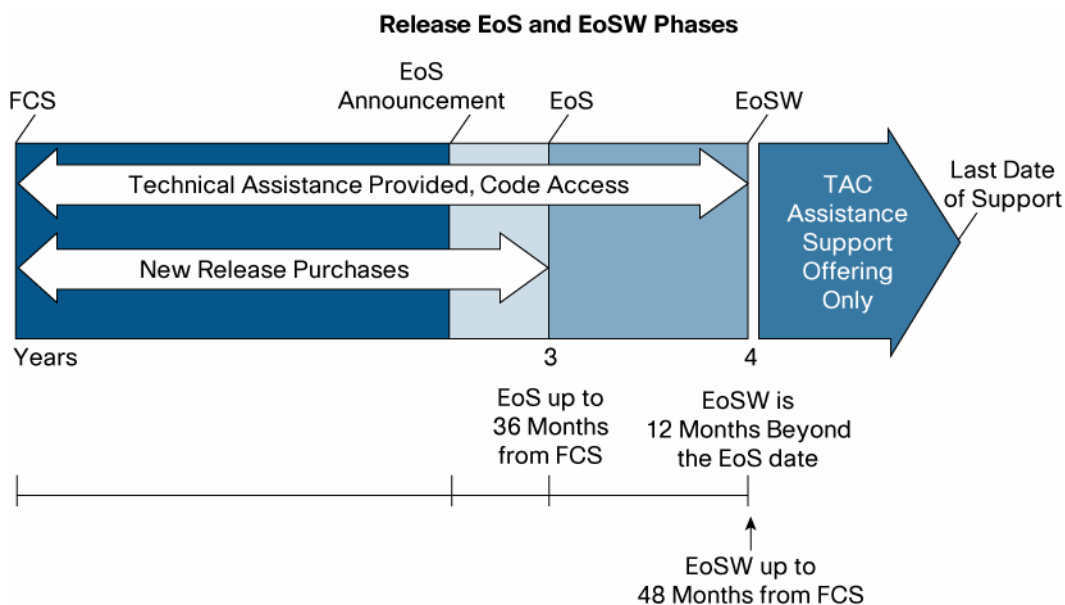
The Cisco IOS Software Product Lifecycle policy does not apply to special releases or other engineering only (non-TAC) supported releases. These types of releases generally have a much shorter lifecycle for software maintenance support. Contact your Cisco representative for more information regarding these types of releases, and refer to the Cisco Product & Services support page on Cisco.com to obtain additional information specific to your hardware platform <http://www.cisco.com/en/US/products/index.html>.

Hardware-specific Cisco IOS Software maintenance policies and hardware end-of-sale announcements (including hardware platforms ending software support on a specific Cisco IOS release) may affect respective release image availability. These policies, announcements, and dates take precedence over the milestones defined in this document. To obtain hardware end-of-sale and end-of-life announcements, visit http://www.cisco.com/en/US/products/prod_end_of_life.html.

Figure 1 illustrates the key milestones in the Cisco IOS Software Product Lifecycle, including First Customer Shipment, End of Sale Announcement, End of Sales, End of Software Maintenance (formerly, End of Engineering), and Last Date of Support. Cisco IOS Software releases receive software fixes and standard software maintenance support between First Customer Shipment and End of Software Maintenance milestone dates.

Cisco IOS Software Release Product Lifecycle Milestones

Figure 1. Cisco IOS Software Product Lifecycle Milestones



- **First Customer Shipment (FCS):** The day the release is first available to customers on Cisco.com
- **End of Sale (EoS) Announcement:** Notification of the upcoming End of Sale date for the release. This milestone occurs six months prior to the actual End of Sale date.
- **End of Sales (EoS):** The day the release is no longer orderable or included in manufacturing shipments of Cisco hardware. End of Sales is up to 36 months from the First Customer Shipment date.
- **End of Software Maintenance (EoSW):** This is the last date that Cisco Engineering may release any final software maintenance releases or software fixes for the release. End of Software Maintenance is 1 year (12 months) beyond the End of Sale date, and does not exceed 4 years (48 months) from the First Customer Shipment (FCS) date. Support for a release beyond the End of Software Maintenance date is provided via successor supported releases as shown in Table 1 and Table 2 below.
- **Last Date of Support:** The last date to receive Cisco TAC service and support for the release. After this date, all support services for the release are unavailable, and the product becomes obsolete. Software bugfix support for a release beyond End of Software Maintenance (EoSW) until the last date of support is provided via successor supported releases shown in Table 1 and Table 2 below.

Table 1 below lists the Cisco IOS Software release lifecycle milestones for Releases 12.3 and 12.3T, Releases 12.2 and 12.2T, Release 12.1, and Release 12.1E.

Note: Lifecycle milestones for Releases 12.4 and 12.4T will be added to Table 1 when End of Sale and End of Software Maintenance dates for these releases are announced. For any queries regarding the projected lifecycle of a release, please contact your Cisco representative.

Table 1. Releases 12.3 and 12.3T, Releases 12.2 and 12.2T, Release 12.1, and Release 12.1E Lifecycle Dates and Milestones (Updated: June, 2007)

Release	First Customer Shipment	End of Sale Announcement Date	End of Sale Date	End of Software Maintenance Date	Migration Path
Release 12.3	May, 2003	9/15/2006 http://www.cisco.com/en/US/products/sw/iosswrel/ps5187/prod_eol_notice0900aecd8052e110.html	3/15/2007	3/15/2008	Releases 12.4, 12.4T
Release 12.3T	Oct, 2003	12/7/2005 http://www.cisco.com/en/US/products/sw/iosswrel/ps5207/prod_bulletin0900aecd803a0ffe.html	6/7/2006	6/7/2007	Releases 12.4, 12.4T
Release 12.2	May, 2001	9/19/2005 http://www.cisco.com/en/US/products/sw/iosswrel/ps1835/prod_eol_notice0900aecd80330813.html	3/19/2006	3/19/2007	Releases 12.4, 12.4T
Release 12.2T	Jun, 2001	5/30/2003 http://www.cisco.com/en/US/products/sw/iosswrel/ps1839/prod_eol_notice09186a0080186d83.html	11/30/2003	11/30/2004	Releases 12.4, 12.4T
Release 12.1	Jun, 2000	12/12/2003 http://www.cisco.com/en/US/products/sw/iosswrel/ps1831/prod_eol_notice09186a008032d55c.html	6/12/2004	2/12/2005	Releases 12.4, 12.4T
Release 12.1E	Mar, 2000	9/15/2006 http://www.cisco.com/en/US/products/sw/iosswrel/ps1833/prod_eol_notice0900aecd8052e0f5.html	3/15/2007	3/15/2008	Release 12.2S Family ¹

Table 2 below lists the Cisco IOS Software release lifecycle milestones for the Release 12.2S family, and Release 12.0S.

Note: Lifecycle milestones for Releases 12.2SB, 12.2SR, 12.2SE, 12.2SG, and 12.2SX will be added to Table 2 when End of Sale and End of Software Maintenance dates for these releases are announced. For any queries regarding the projected lifecycle of a release, please contact your Cisco representative.

Table 2. Release 12.2S Family and Release 12.0S Lifecycle Dates and Milestones (Updated: October, 2007)

Release	First Customer Shipment	End of Sale Announcement Date	End of Sale Date	End of Software Maintenance Date	Migration Path
Release 12.2S	Jan, 2003	6/19/2006 http://www.cisco.com/en/US/products/sw/iosswrel/ps1838/prod_eol_notice0900aecd804be5cf.html	12/12/2006	12/12/2007	Release 12.2S Family ²

¹ The migration path for this release is hardware dependent. Refer to the End of Sale and End of Life Announcement for Cisco IOS Software Release 12.1E Product Bulletin for more information http://www.cisco.com/en/US/products/sw/iosswrel/ps1833/prod_eol_notice0900aecd8052e0f5.html.

² The migration path for this release is hardware dependent. Refer to the End of Sale and End of Life Product Bulletin for Cisco IOS Software Release 12.2S for more information http://www.cisco.com/en/US/products/sw/iosswrel/ps1838/prod_eol_notice0900aecd804be5cf.html.

Release	First Customer Shipment	End of Sale Announcement Date	End of Sale Date	End of Software Maintenance Date	Migration Path
Release 12.2(27)SB	Sept, 2005	5/1/2006 http://www.cisco.com/en/US/products/sw/iosswrel/ps1838/prod_eol_notice0900aecd80481a49.html	11/1/2006	11/1/2007	Release 12.2(28)SB or later
12.0(2)S through 12.0(25)S	Dec, 1998	9/17/2007 http://www.cisco.com/en/US/products/sw/iosswrel/ps1829/prod_eol_notice0900aecd806caed8.html	3/15/2008	3/15/2009	Release 12.0(32)S or later supported releases.
12.0(26)S through 12.0(31)S	Aug, 2003	9/17/2007 http://www.cisco.com/en/US/products/sw/iosswrel/ps1829/prod_eol_notice0900aecd806caed8.html	9/16/2008	9/16/2009	Release 12.0(32)S or later supported releases.

Additional Information

- **Cisco IOS Software Reference Guide:**
http://www.cisco.com/en/US/products/sw/iosswrel/ps1828/products_white_paper09186a008018305e.shtml
- **Cisco IOS Software Releases:**
http://www.cisco.com/en/US/products/sw/iosswrel/products_ios_cisco_ios_software_releases.html
- **Cisco IOS Software Upgrade Planner:** <http://www.cisco.com/cgi-bin/Software/Iosplanner/Planner-tool/iosplanner.cgi>
- **Cisco Feature Navigator:** <http://tools.cisco.com/ITDIT/CFN/jsp/index.jsp>
- **Cisco Software Advisor:** <http://tools.cisco.com/Support/Fusion/FusionHome.do>
- **Cisco Products and Services End-of-Life Policy:**
http://www.cisco.com/en/US/products/products_end-of-life_policy.html
- **Hardware End-of-Sale and End-of-Life Announcements:**
http://www.cisco.com/en/US/products/prod_end_of_life.html
- **Subscribe to receive End-of-Life/End-of-Sale information:** <http://www.cisco.com/pcgi-bin/Support/FieldNoticeTool/field-notice>
- **Cisco Product and Services Security Advisories:** <http://www.cisco.com/go/psirt>
- **Cisco IOS Software Release related comments and questions on this document:**
ios-release-pm@cisco.com



Americas Headquarters
Cisco Systems, Inc.
170 Woodside Drive
San Jose, CA 95134-7006
USA
www.cisco.com
Tel: 408 526-4000
Rég. 689 NLIS (6587)
Fax: 408 527-0688

Asia Pacific Headquarters
Cisco Systems, Inc.
15B Robinson Road
#29-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7788

Europe Headquarters
Cisco Systems (International) BV
Heerlenborghpark
Heerlenborghweg 13-1B
1101 CH Amsterdam
The Netherlands
www.europe.cisco.com
Tel: +31 20 620 6791
Fax: +31 20 657 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

©2007 Cisco Systems, Inc. All rights reserved. CCW, the Cisco logo, and the Cisco Square Bridge logo are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc., and Aconex is a registered trademark of Aconex, B2K, Certify, CCJA, CCIP, CCIE, CCIP/CCNA, CCNP, CCSP, Cisco, the Cisco Certified Information Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise Storage, EtherChannel, EtherFast, EtherSwitch, Fax, Fax, Follow Me, Drawing, FirmShare, GigaDrive, HomeLink, Internet Question, IOS, iPhone, IPTV, IQ, Express, the IQ logo, IQ Net, Resolute, Socrates, Quick Study, SignStream, Inkaya, Meeting, Logo, MCM, Networking Academy, Network Registrar, Packet, PIX, the Catalyst, CatalystShare, SMA, E-mail, SpeedWeb, The Leader Way to Increase Your Informal Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company (C/Co.).