



## End-of-Sale and End-of-Life Announcement for Select Cisco Catalyst 2950G and Catalyst 2950T Series Switches

Cisco Systems® announces the end-of-sale and end-of-life dates for the Cisco® Catalyst® 2950G and Catalyst 2950T Series Switches. The last day to order the affected products is December 31, 2006. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) until December 30, 2011.

Table 1 lists the product numbers covered by this announcement.

Please note that several products in the Cisco Catalyst 2950 Series are not affected by this announcement.

**Table 1.** Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description
<b>Cisco Catalyst 2950 Series Switch</b>	
WS-C2950G-48-EI	48 10/100 + 2 1000BASE-X + Enhanced Image
WS-C2950G-24-EI	24 10/100 + 2 1000BASE-X + Enhanced Image
WS-C2950G-12-EI	12 10/100 + 2 1000BASE-X + Enhanced Image
WS-C2950T-24	24 10/100 + 2 10/100/1000 BASE-T + Enhanced Image
WS-C2950T-48-SI	48 10/100 + 2 10/100/1000 BASE-T + Standard Image

Table 2 describes the end-of-life milestones, definitions, and dates for the affected Cisco Catalyst 2950 Series switches.

**Table 2.** End-of-Life Milestones and Dates for Select Cisco Catalyst 2950 Series Switches

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	April 17, 2006
End-of-Sale Date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	December 31, 2006
Last Shipment Date	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	April 1, 2007
End of Software Maintenance Releases Date	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	December 31, 2007
End of Routine Failure Analysis Date	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	December 31, 2007
End of New Service Attachment Date	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	December 31, 2007

Milestone	Definition	Date
End of Service Contract Renewal Date	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	March 31, 2011
Last Date of Support	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	December 30, 2011

## PRODUCT MIGRATION OPTIONS

The recommended replacements for the affected Cisco Catalyst 2950 Series are the Cisco Catalyst 3560 Series Switches and the Cisco Catalyst 2960 Series Switches. However, higher port-density deployments may be better suited to Cisco StackWise™ technology available only in the Cisco Catalyst 3750 Series. Table 3 lists the part numbers affected by this end-of-sale announcement and identifies the recommended replacement product(s). Table 4 provides a comparison between these product lines.

The Cisco Catalyst 2960 Series is a new family of fixed-configuration standalone devices that provide desktop Fast Ethernet and Gigabit Ethernet connectivity for entry-level enterprise, midmarket, and branch-office networks. All Cisco Catalyst 2960 Series switches support the same software image, which offers integrated security, including Network Admission Control (NAC), advanced QoS, high resiliency, and intelligent services for the network edge.

The Cisco Catalyst 3750 and 3560 Series take this further with increased scalability, functionality, and security options. Both series support IEEE 802.3af Power over Ethernet (PoE) and Cisco prestandard PoE functionality, advanced routing capability, enhanced security, and IPv6 in Fast Ethernet and Gigabit Ethernet configurations. By combining both high-density Gigabit Ethernet and PoE, customers gain maximum productivity and investment protection by enabling the deployment of new applications such as IP telephony, wireless access, video surveillance, building management systems, and remote video kiosks. Additionally, the Cisco Catalyst 3750 and 3560 series support features such as Dynamic ARP Inspection, IP Source Guard, and DHCP Snooping in the Cisco IOS® Software IP Base image. These software features mitigate many of the increasingly common internal security threats seen in LANs and defend against a variety of man-in-the-middle and spoofing attacks.

Unique to the Cisco Catalyst 3750 Series is Cisco StackWise, a revolutionary stacking architecture that brings high levels of resiliency, automation, and performance to stackable switches. With Cisco StackWise technology, customers can create a single, 32-Gbps switching unit with up to nine Cisco Catalyst 3750 Series switches. A working stack is self-managing and self-configuring. When switches are added or removed, the master switch automatically loads the Cisco IOS Software release running on the stack to the new switch, loads the global configuration parameters, and updates all routing tables to reflect the changes.

For more information about the replacement products, visit <http://www.cisco.com/en/US/products/hw/switches/index.html>.

**Table 3.** End-of-Sale Product Numbers and Recommended Replacement Products

Affected Product	Port Configuration	Replacement Product(s)*	Port Configuration
WS-C2950G-48-EI	48 10/100 + 2 1000BASE-X	<ul style="list-style-type: none"> <li>WS-C3560-48PS</li> <li>WS-C3560-48TS</li> <li>WS-C2960-48TC-L</li> </ul>	<ul style="list-style-type: none"> <li>48 10/100 PoE + 4 Small Form-Factor Pluggables (SFPs)</li> <li>48 10/100 + 4 SFPs</li> <li>48 10/100 + 2 dual-purpose uplinks</li> </ul>
WS-C2950G-24-EI	24 10/100 + 2 1000BASE-X	<ul style="list-style-type: none"> <li>WS-C3560-24PS</li> <li>WS-C3560-24TS</li> <li>WS-C2960-24TC-L</li> </ul>	<ul style="list-style-type: none"> <li>24 10/100 PoE + 2 SFPs</li> <li>24 10/100 + 2 SFPs</li> <li>24 10/100 + 2 dual-purpose uplinks</li> </ul>

Affected Product	Port Configuration	Replacement Product(s)*	Port Configuration
WS-C2950G-12-EI	12 10/100 + 2 1000BASE-X	<ul style="list-style-type: none"> <li>• WS-C3560-24PS</li> <li>• WS-C3560-24TS</li> <li>• WS-C2960-24TC-L</li> </ul>	<ul style="list-style-type: none"> <li>• 24 10/100 PoE + 2 SFPs</li> <li>• 24 10/100 + 2 SFPs</li> <li>• 24 10/100 + 2 dual-purpose uplinks</li> </ul>
WS-C2950T-24	24 10/100 + 2 10/100/1000BASE-T	WS-C2960-24TT-L	24 10/100 + 2 10/100/1000 uplinks
WS-C2950T-48-SI	48 10/100 + 2 10/100/1000BASE-T	WS-C2960-48TT-L	48 10/100 + 2 10/100/1000 uplinks

\***Note:** Higher port-density deployments might be better suited for Cisco StackWise technology in the Cisco Catalyst 3750 Series.

**Table 4.** Product Comparisons

Feature	Cisco Catalyst 2950G	Cisco Catalyst 2960	Cisco Catalyst 3750 Cisco Catalyst 3560
Interconnect Technology	GigaStack® gigabit interface converter (GBIC)	–	Cisco StackWise technology in the Cisco Catalyst 3750; SFP Interconnect in the Cisco Catalyst 3560
DRAM	16 MB	64 MB	128 MB
Flash	8 MB	32 MB	32 MB
PoE	–	–	Yes
Dynamic Routing	–	–	Yes
IPv6	–	–	Yes
Jumbo Frame Support	–	Yes (10/100/1000 ports)	Yes (10/100/1000 ports)
Auto-Sense Media Dependent Interface Crossover (Auto-MDIX)	–	Yes	Yes
Time Domain Reflectometry (TDR)	–	Yes	Yes (Gigabit Ethernet ports)
Access Control List Entries (ACEs)	300 ACEs	512 ACEs	2000 ACEs
Flexlinks	–	Yes	Yes
Security	NAC LAN port 802.1X only	NAC LAN port 802.1X only	<ul style="list-style-type: none"> <li>• NAC LAN port 802.1X</li> <li>• NAC LAN port IP</li> <li>• Dynamic ARP Inspection</li> <li>• IP Source Guard</li> <li>• Private VLAN (PVLAN)</li> <li>• Routed ACL, VLAN ACL</li> </ul>
QoS	Weighted Round Robin (WRR)	Shaped Round Robin (SRR) + Weighted Tail Drop (WTD)	SRR + WTD
QoS Egress Shaping or Egress Policing	Policing (ingress only)	Shaping	Shaping

Customers can use the Cisco Technology Migration Plan (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about the Cisco TMP, go to <http://www.cisco.com/go/tradein>. The Cisco TMP application requires all users to have a Cisco.com user ID.

#### **Q&A**

**Q.** Which Cisco Catalyst 2950 Series switches are not affected by this end-of-sale announcement?

**A.** The following products are not affected by this end-of-sale announcement:

- WS-C2950-12
- WS-C2950-24
- WS-C2950C-24
- WS-C2950G-24-EI-DC
- WS-C2950SX-24
- WS-C2950SX-48-SI

**Q.** How is the Cisco GigaStack stacking GBIC affected by this announcement?

**A.** The Cisco GigaStack stacking GBIC is not affected by this end-of-sale announcement.

#### **FOR MORE INFORMATION**

For more information about the Cisco Catalyst Family of switches, visit <http://www.cisco.com/en/US/products/hw/switches/index.html> or contact your local account representative.

For more information about the Cisco end-of-life policy, go to [http://www.cisco.com/en/US/products/prod\\_end\\_of\\_life.html](http://www.cisco.com/en/US/products/prod_end_of_life.html).

To subscribe to receive end-of-life/end-of-sale information, go to <http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>.

**Corporate Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 526-4100

**European Headquarters**

Cisco Systems International BV  
Haarlerbergpark  
Haarlerbergweg 13-19  
1101 CH Amsterdam  
The Netherlands  
www-europe.cisco.com  
Tel: 31 0 20 357 1000  
Fax: 31 0 20 357 1100

**Americas Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-7660  
Fax: 408 527-0883

**Asia Pacific Headquarters**

Cisco Systems, Inc.  
168 Robinson Road  
#28-01 Capital Tower  
Singapore 068912  
www.cisco.com  
Tel: +65 6317 7777  
Fax: +65 6317 7799

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