



## End-of-Sale and End-of-Life Announcement for the Cisco Select Unified Computing System Products

EOL12298

Cisco announces the end-of-sale and end-of-life dates for the Cisco Select Unified Computing System Products. The last day to order the affected product(s) is May 11, 2018. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available under the terms and conditions of customers' service contract.

**Table 1.** End-of-Life Milestones and Dates for the Cisco Select Unified Computing System Products

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.	February 9, 2018
<b>End-of-Sale Date: HW, App SW</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	May 11, 2018
<b>Last Ship Date: HW, App SW</b>	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	August 9, 2018
<b>End of SW Maintenance Releases Date: HW, App SW</b>	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.	May 11, 2019
<b>End of Routine Failure Analysis Date: HW</b>	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	May 11, 2019
<b>End of New Service Attachment Date: HW, App SW</b>	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.	May 11, 2019
<b>End of Service Contract Renewal Date: App SW</b>	The last date to extend or renew a service contract for the product.	August 6, 2020
<b>End of Service Contract Renewal Date: HW</b>	The last date to extend or renew a service contract for the product.	August 6, 2022
<b>Last Date of Support: App SW</b>	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete.	May 31, 2021
<b>Last Date of Support: HW</b>	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete.	May 31, 2023

HW = Hardware   OS SW = Operating System Software   App. SW = Application Software

**Table 2.** Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
C1-CWOM-100SVR-1Y	C1 Cisco Workload Optimization Mgr - Tier 1-100 - 1Yr Subsc	C1-WOM-A-0K2K-1Y	C1 Cisco WOM - Advantage 1-2000 qty. 1yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-100SVR-1Y	C1 Cisco Workload Optimization Mgr - Tier 1-100 - 1Yr Subsc	C1-WOM-S-0K2K-1Y	C1 Cisco WOM - Standard 1-2000 qty. 1 yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-100SVR-3Y	C1 Cisco Workload Optimization Mgr - Tier 1-100 - 3yr Subsc	C1-WOM-A-0K2K-3Y	C1 Cisco WOM - Advantage 1-2000 qty. 3yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-100SVR-3Y	C1 Cisco Workload Optimization Mgr - Tier 1-100 - 3yr Subsc	C1-WOM-S-0K2K-3Y	C1 Cisco WOM - Standard 1-2000 qty. 3 yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-100SVR-5Y	C1 Cisco Workload Optimization Mgr - Tier 1-100 - 5yr Subsc	C1-WOM-A-0K2K-5Y	C1 Cisco WOM - Advantage 1-2000 qty. 5yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-100SVR-5Y	C1 Cisco Workload Optimization Mgr - Tier 1-100 - 5yr Subsc	C1-WOM-S-0K2K-5Y	C1 Cisco WOM - Standard 1-2000 qty. 5 yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-750SVR-1Y	C1 Cisco Workload Optimization Mgr-Tier 101-750 - 1yr Subsc	C1-WOM-A-2K+-1Y	C1 Cisco WOM - Advantage 2001+ qty. 1yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-750SVR-1Y	C1 Cisco Workload Optimization Mgr-Tier 101-750 - 1yr Subsc	C1-WOM-S-2K+-1Y	C1 Cisco WOM - Standard 2001+ qty. 1yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-750SVR-3Y	C1 Cisco Workload Optimization Mgr-Tier 101-750 - 3yr Subsc	C1-WOM-A-2K+-3Y	C1 Cisco WOM - Advantage 2001+ qty. 3yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-750SVR-3Y	C1 Cisco Workload Optimization Mgr-Tier 101-750 - 3yr Subsc	C1-WOM-S-2K+-3Y	C1 Cisco WOM - Standard 2001+ qty. 3yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-750SVR-5Y	C1 Cisco Workload Optimization Mgr-Tier 101-750 - 5yr Subsc	C1-WOM-A-2K+-5Y	C1 Cisco WOM - Advantage 2001+ qty. 5yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-750SVR-5Y	C1 Cisco Workload Optimization Mgr-Tier 101-750 - 5yr Subsc	C1-WOM-S-2K+-5Y	C1 Cisco WOM - Standard 2001+ qty. 5yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-751+SVR-1Y	C1 Cisco Workload Optimization Mgr -Tier 751+ - 1Yr Subsc	C1-WOM-A-2K+-1Y	C1 Cisco WOM - Advantage 2001+ qty. 1yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-751+SVR-1Y	C1 Cisco Workload Optimization Mgr -Tier 751+ - 1Yr Subsc	C1-WOM-S-2K+-1Y	C1 Cisco WOM - Standard 2001+ qty. 1yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-751+SVR-3Y	C1 Cisco Workload Optimization Mgr -Tier 751+ - 3Yr Subsc	C1-WOM-A-2K+-3Y	C1 Cisco WOM - Advantage 2001+ qty. 3yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-751+SVR-3Y	C1 Cisco Workload Optimization Mgr -Tier 751+ - 3Yr Subsc	C1-WOM-S-2K+-3Y	C1 Cisco WOM - Standard 2001+ qty. 3yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-751+SVR-5Y	C1 Cisco Workload Optimization Mgr -Tier 751+ - 5Yr Subsc	C1-WOM-A-2K+-5Y	C1 Cisco WOM - Advantage 2001+ qty. 5yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-751+SVR-5Y	C1 Cisco Workload Optimization Mgr -Tier 751+ - 5Yr Subsc	C1-WOM-S-2K+-5Y	C1 Cisco WOM - Standard 2001+ qty. 5yr. Per VM	Use vm-based quantity with the replacement PID
C1-CWOM-SVR	C1 Enterprise Cloud Suite - WO - Per Server	C1-ECS-WOM-E	C1 Cisco Workload Optimization Manager - Essentials Edition	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
C1-CWOM-SVR	C1 Enterprise Cloud Suite - WO - Per Server	C1-ECS-WOM-S	C1 Cisco Workload Optimization Manager - Standard Edition	-
C1-CWOM-SVR	C1 Enterprise Cloud Suite - WO - Per Server	C1-ECS-WOM-A	C1 Cisco Workload Optimization Manager - Advantage Edition	-
C1-CWOM-SVR-NFR=	C1 Enterprise Cloud Suite - WO - Per SVR, Not For Resale 2Y	C1-ECS-WOM-NFR=	C1 Cisco Workload Optimization Manager NFR. Per VM	-
C1-ECS-WO	C1 Enterprise Cloud Suite - Workload Optimization	C1-ECS-WOM	C1 Cisco Workload Optimization Manager	-
UCS-CPU-E5-4610D	1.70 GHz E5-4610 v3/105W 10C/25MB Cache/DDR4 1600MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4610DC=	1.70 GHz E5-4610 v3/105W 10C/25MB Cache/DDR4 1600MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4620D	2.00 GHz E5-4620 v3/105W 10C/25MB Cache/DDR4 1866MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4620DC=	2.00 GHz E5-4620 v3/105W 10C/25MB Cache/DDR4 1866MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4627D	2.60 GHz E5-4627 v3/135W 10C/25MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4627DC=	2.60 GHz E5-4627 v3/135W 10C/25MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4640D	1.90 GHz E5-4640 v3/105W 12C/30MB Cache/DDR4 1866MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4640DC=	1.90 GHz E5-4640 v3/105W 12C/30MB Cache/DDR4 1866MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4650D	2.10 GHz E5-4650 v3/105W 12C/30MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4650DC=	2.10 GHz E5-4650 v3/105W 12C/30MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4655D	2.90 GHz E5-4655 v3/135W 6C/30MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4655DC=	2.90 GHz E5-4655 v3/135W 6C/30MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4660D	2.10 GHz E5-4660 v3/120W 14C/35MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4660DC=	2.10 GHz E5-4660 v3/120W 14C/35MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4667D	2.00 GHz E5-4667 v3/135W 16C/40MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-
UCS-CPU-E5-4667DC=	2.00 GHz E5-4667 v3/135W 16C/40MB Cache/DDR4 2133MHz	There is currently no replacement product available for this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
UCS-CPU-E5-4669D	2.10 GHz E5-4669 v3/135W 18C/45MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E5-4669DC=	2.10 GHz E5-4669 v3/135W 18C/45MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52623D	3.00 GHz E5-2623 v3/105W 4C/10MB Cache/DDR4 1866MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52623DC=	DISTI: 3.00 GHz E5-2623 v3/105W 4C/10MB Cache/DDR4 1866MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52630D	2.40 GHz E5-2630 v3/85W 8C/20MB Cache/DDR4 1866MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52630DC=	DISTI: 2.40 GHz E5-2630 v3/85W 8C/20MB Cache/DDR4 1866MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52630LD	1.80 GHz E5-2630L v3/55W 8C/20MB Cache/DDR4 1866MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52630LDC=	DISTI: 1.80 GHz E5-2630L v3/55W 8C/20MB Cache/DDR4 1866MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52637D	3.50 GHz E5-2637 v3/135W 4C/15MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52637DC=	DISTI: 3.50 GHz E5-2637 v3/135W 4C/15MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52643D	3.40 GHz E5-2643 v3/135W 6C/20MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52643DC=	DISTI: 3.40 GHz E5-2643 v3/135W 6C/20MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52650D	2.30 GHz E5-2650 v3/105W 10C/25MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52650DC=	DISTI: 2.30 GHz E5-2650 v3/105W 10C/25MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52650LD	1.80 GHz E5-2650L v3/65W 12C/30MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52650LDC=	DISTI: 1.80 GHz E5-2650L v3/65W 12C/30MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52660D	2.60 GHz E5-2660 v3/105W 10C/25MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52660DC=	DISTI: 2.60 GHz E5-2660 v3/105W 10C/25MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52667D	3.20 GHz E5-2667 v3/135W 8C/20MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52667DC=	DISTI: 3.20 GHz E5-2667 v3/135W 8C/20MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
UCS-CPU-E52670D	2.30 GHz E5-2670 v3/120W 12C/30MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52670DC=	DISTI: 2.30 GHz E5-2670 v3/120W 12C/30MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52683D	2.00 GHz E5-2683 v3/120W 14C/35MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52683DC=	DISTI: 2.00 GHz E5-2683 v3/120W 14C/35MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52690D	2.60 GHz E5-2690 v3/135W 12C/30MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52690DC=	DISTI: 2.60 GHz E5-2690 v3/135W 12C/30MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52695D	2.30 GHz E5-2695 v3/120W 14C/35MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52695DC=	DISTI: 2.30 GHz E5-2695 v3/120W 14C/35MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52697D	2.60 GHz E5-2697 v3/145W 14C/35MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52697DC=	DISTI: 2.60 GHz E5-2697 v3/145W 14C/35MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52698D	2.30 GHz E5-2698 v3/135W 16C/40MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52698DC=	DISTI: 2.30 GHz E5-2698 v3/135W 16C/40MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52699D	2.30 GHz E5-2699 v3/145W 18C/45MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E52699DC=	DISTI: 2.30 GHz E5-2699 v3/145W 18C/45MB Cache/DDR4 2133MHz		There is currently no replacement product available for this product.	-
UCS-CPU-E74809D	2.0GHz E7-4809 v3/115W/8 cores/20M		There is currently no replacement product available for this product.	-
UCS-CPU-E74809DC=	DISTI: 2.0GHz E7-4809 v3/115W/8 cores/20M		There is currently no replacement product available for this product.	-
UCS-CPU-E74820D	1.9GHz E7-4820 v3/115W/10 cores/25M		There is currently no replacement product available for this product.	-
UCS-CPU-E74820DC=	DISTI: 1.9GHz E7-4820 v3/115W/10 cores/25M		There is currently no replacement product available for this product.	-
UCS-CPU-E74830D	2.1GHz E7-4830 v3/115W/12C/30M		There is currently no replacement product available for this product.	-
UCS-CPU-E74830DC=	DISTI: 2.1GHz E7-4830 v3/115W/12C/30M		There is currently no replacement product available for this product.	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
UCS-CPU-E74850D	2.2GHz E7-4850 v3/115W/14C/35M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E74850DC=	DISTI: 2.2GHz E7-4850 v3/115W/14C/35M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78860D	2.2GHz E7-8860 v3/140W/16C/40M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78860DC=	DISTI: 2.2GHz E7-8860 v3/140W/16C/40M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78867D	2.5GHz E7-8867 v3/165W/16C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78867DC=	DISTI: 2.5GHz E7-8867 v3/165W/16C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78870D	2.1GHz E7-8870 v3/140W/18C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78870DC=	DISTI: 2.1GHz E7-8870 v3/140W/18C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78880D	2.3GHz E7-8880 v3/150W/18C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78880DC=	DISTI: 2.3GHz E7-8880 v3/150W/18C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78880LD	2.0GHz E7-8880L v3/115W/18C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78880LDC=	DISTI: 2.0GHz E7-8880L v3/115W/18C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78890D	2.5GHz E7-8890 v3/165W/18C/45M Cache	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78890DC=	DISTI: 2.5GHz E7-8890 v3/165W/18C/45M Cache	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78891D	2.8GHz E7-8891 v3/165W/10C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78891DC=	DISTI: 2.8GHz E7-8891 v3/165W/10C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78893D	3.2GHz E7-8893 v3/140W/4C/45M	There is currently no replacement product available for this product.	-	-
UCS-CPU-E78893DC=	DISTI: 3.2GHz E7-8893 v3/140W/4C/45M	There is currently no replacement product available for this product.	-	-
UCSB-EX-M4-2SC	UCS Scalability Terminator for B260 M4	UCSB-B480-M5-U	UCS B480 M5 Blade w/o CPU, mem, HDD, mezz (UPG)	-
UCSB-EX-M4-2SC=	UCS Scalability Terminator for B260 M4	UCSB-B480-M5-U	UCS B480 M5 Blade w/o CPU, mem, HDD, mezz (UPG)	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
UCSB-EX-M4-4SC	UCS Scalability Connector for B460 M4	UCSB-B480-M5-U	UCS B480 M5 Blade w/o CPU, mem, HDD, mezz (UPG)	-
UCSB-EX-M4-4SC++=	TAA UCS Scalability Connector for B460 M4	UCSB-B480-M5-U	UCS B480 M5 Blade w/o CPU, mem, HDD, mezz (UPG)	-
UCSB-EX-M4-4SC=	UCS Scalability Connector for B460 M4	UCSB-B480-M5-U	UCS B480 M5 Blade w/o CPU, mem, HDD, mezz (UPG)	-

## Product Migration Options

Service prices for Cisco products are subject to change after the product End-of-Sale date.

The Cisco Takeback and Recycle program helps businesses properly dispose of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to:

[https://www.cisco.com/web/about/ac227/ac228/ac231/about\\_cisco\\_takeback\\_recycling.html](https://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html).

## For More Information

For more information about the Cisco End-of-Life Policy, go to:

[https://www.cisco.com/en/US/products/products\\_end-of-life\\_policy.html](https://www.cisco.com/en/US/products/products_end-of-life_policy.html).

For more information about the Cisco Product Warranties, go to:

[https://www.cisco.com/en/US/products/prod\\_warranties\\_listing.html](https://www.cisco.com/en/US/products/prod_warranties_listing.html).

To subscribe to receive end-of-life/end-of-sale information, go to:

<https://www.cisco.com/cisco/support/notifications.html>.

## Subscribe for RSS Notifications for End-of-Life and End-of-Sale Notices

To subscribe to the End-of-Life and End-of-Sale RSS Feed, insert the following URL into your RSS application:

[https://www.cisco.com/web/feeds/products/end\\_of\\_life\\_rss.xml](https://www.cisco.com/web/feeds/products/end_of_life_rss.xml).

Any authorized translation issued by Cisco Systems or affiliates of this end-of-life Product Bulletin is intended to help customers understand the content described in the English version. This translation is the result of a commercially reasonable effort; however, if there are discrepancies between the English version and the translated document, please refer to the English version, which is considered authoritative.



**Americas Headquarters**  
Cisco Systems, Inc.  
San Jose, CA

**Asia Pacific Headquarters**  
Cisco Systems (USA) Pte. Ltd.  
Singapore

**Europe Headquarters**  
Cisco Systems International BV Amsterdam,  
The Netherlands

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

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: <https://www.cisco.com/go/trademarks>. Third-party trademarks mentioned 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. (1110R)