



## End-of-Sale and End-of-Life Announcement for the Cisco CSS 11500 Series Content Services Switches

### EOL7458—Amended

Cisco announces the end-of-sale and end-of life dates for the Cisco CSS 11500 Series Content Services Switches. The last day to order the affected product(s) is September 21, 2011. 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 until the termination date of the contract, even if this date exceeds the Last Date of Support shown in Table 1.

Cisco sales teams and channel partners are encouraged to transition sales of Cisco CSS 11500 Series Content Services Switch through a migration of their current CSS 11500 Series installed base to the Cisco Application Control Engine. The Cisco ACE is the industry's most advanced application-switching device. It offers a much larger set of functionality and architectural benefits than the CSS 11500 Series Content Services Switches. In addition to Layer 4 load balancing and Layer 7 content-switching functionality, the Cisco ACE offers advanced features like SSL offloading, virtual devices, role-based administration, and management, monitoring, and reporting through the Cisco Application Networking Manager and the command-line interface. The Cisco ACE offers SSL offloading capability (up to 30,000 SSL transactions per second), virtualization (up to 250 virtual devices), role-based administration, http compression (up to 6 Gbps), throughput (up to 16 Gbps) and software-license-based scalability.

**Table 1.** End-of-Life Milestones and Dates for the Cisco CSS 11500 Series Content Services Switches

| 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.   | May 23, 2011       |
| <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 after this date.   | September 21, 2011 |
| <b>Last Ship Date:<br/>HW</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.   | December 20, 2011  |
| <b>End of SW Maintenance Releases Date:<br/>HW</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.                     | September 20, 2012 |
| <b>End of Routine Failure Analysis Date:<br/>HW</b> | The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.  | September 20, 2012 |
| <b>End of New Service Attachment Date:<br/>HW</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. | September 20, 2012 |

| Milestone  | Definition  | Date               |
|--|---|--------------------|
| <b>End of Service Contract Renewal Date:</b><br>HW | The last date to extend or renew a service contract for the product.  | December 17, 2015  |
| <b>Last Date of Support:</b><br>HW                 | 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. | September 30, 2016 |

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

The Cisco ACE30 module provides the choice of a performance throughput license. Performance throughput licenses can be selected from 4 Gbps, 8 Gbps, or 16 Gbps, with the ability to upgrade from 4 Gbps to 8 Gbps and from 8 Gbps to 16 Gbps. The performance throughput license options come with SSL transactions capacity of up to 30,000 SSL TPS, compression throughput of 6 Gbps (limited by the throughput license bandwidth), and 250 virtual contexts. The Cisco ACE 4710 appliance provides the choice of a performance throughput license. Performance throughput licenses can be selected from 0.5 Gbps, 1 Gbps, 2 Gbps, or 4 Gbps, with the ability to upgrade from 0.5 Gbps to 1 Gbps, from 1 Gbps to 2 Gbps, and from 2 Gbps to 4 Gbps. The performance throughput license options come with a default SSL transactions capacity of up to 7,500 SSL TPS, compression throughput of 2 Gbps (limited by the throughput license bandwidth), and 20 virtual contexts when upgraded to Cisco ACE Software release 4(2.0).

**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 |
|---------------------------------|--|---------------------------------|---|------------------------|
| <b>CSS11501</b>                 | Cisco 11501 Content Services Switch with Hard Disk and AC  | ACE-4710-K9                     | ACE 4700 Series Application Control Engine Appliance        | --                     |
| <b>CSS11501-2PK</b>             | Cisco CSS11501 Two-Pack                                    | ACE-4710-BAS-2PAK               | 2Units ACE 4710 Hardware-1Gbps-1K SSL-100MbpsComp-5VC-50App | --                     |
| <b>CSS11501=</b>                | Cisco 11501 Content Services Switch with AC (No Disk)      | ACE-4710-K9                     | ACE 4700 Series Application Control Engine Appliance        | --                     |
| <b>CSS11501S-C-K9</b>           | Cisco 11501 CSS AC w/HD, SSL, Compression                  | ACE-4710-K9                     | ACE 4700 Series Application Control Engine Appliance        | --                     |
| <b>CSS11501S-C-K9=</b>          | Cisco 11501 CSS with SSL, Compression, AC (No Disk)        | ACE-4710-K9                     | ACE 4700 Series Application Control Engine Appliance        | --                     |
| <b>CSS11503-AC</b>              | Cisco 11503 Content Services Switch SCM-2GE HD AC          | ACE30-MOD-K9=                   | Application Control Engine 30 Hardware                      | --                     |
| <b>CSS11503-AC=</b>             | Cisco 11503 Content Services Switch Chassis AC             | ACE30-MOD-K9=                   | Application Control Engine 30 Hardware                      | --                     |
| <b>CSS11503-DC</b>              | Cisco 11503 Content Services Switch SCM-2GE HD DC          | ACE30-MOD-K9=                   | Application Control Engine 30 Hardware                      | --                     |
| <b>CSS11503-DC=</b>             | Cisco 11503 Content Services Switch Chassis DC             | ACE30-MOD-K9=                   | Application Control Engine 30 Hardware                      | --                     |
| <b>CSS11506-2AC</b>             | Cisco 11506 Content Services Switch SCM-2GE HD 2SM 2AC FAN | ACE30-MOD-K9=                   | Application Control Engine 30 Hardware                      | --                     |
| <b>CSS11506-2DC</b>             | Cisco 11506 Content Services Switch SCM-2GE HD 2SM 2DC FAN | ACE30-MOD-K9=                   | Application Control Engine 30 Hardware                      | --                     |

| End-of-Sale Product Part Number | Product Description  | Replacement Product Part Number                                       | Replacement Product Description        | Additional Information |
|---------------------------------|--|---|--|------------------------|
| <b>CSS5-IOM-16FE</b>            | CSS11500 Fast Ethernet IO Module: 16 Port TX               | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-IOM-16FE=</b>           | CSS11500 Fast Ethernet IO Module: 16 Port TX               | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-IOM-2GE</b>             | CSS11500 Gigabit Ethernet IOM: 2 Port, Order 0-2 SFP       | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-IOM-2GE=</b>            | CSS11500 Gigabit Ethernet IOM: 2 Port, Order 0-2 SFP       | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-IOM-8FE</b>             | CSS11500 Fast Ethernet IO Module: 8 Port TX                | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-IOM-8FE=</b>            | CSS11500 Fast Ethernet IO Module: 8 Port TX                | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-MEM-144</b>             | CSS11500 Memory 144MB RDRAM                                | There is currently no replacement product available for this product. |  |                        |
| <b>CSS5-MEM-144U288</b>         | CSS11500 Upgrade: 144MB to 288MB RDRAM                     | There is currently no replacement product available for this product. |  |                        |
| <b>CSS5-MEM-288=</b>            | CSS11500 Memory 288MB RDRAM                                | There is currently no replacement product available for this product. |  |                        |
| <b>CSS5-POWERCVR</b>            | CSS11500 Power Supply Slot Cover                           | There is currently no replacement product available for this product. |  |                        |
| <b>CSS5-POWERCVR=</b>           | CSS11500 Power Supply Slot Cover                           | There is currently no replacement product available for this product. |  |                        |
| <b>CSS5-SAM</b>                 | CSS11500 Session Accelerator Module                        | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-SAM=</b>                | CSS11500 Session Accelerator Module                        | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-SCM-2GE</b>             | CSS11500 System Control Module 2GE HD, Order 0-2 SFP       | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-SCM-2GE=</b>            | CSS11500 SCM 2GE, No Disk, Order Disk, Order 0-2 SFP       | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-SLOTCLR</b>             | CSS11500 Module Slot Cover                                 | There is currently no replacement product available for this product. |  |                        |
| <b>CSS5-SLOTCLR=</b>            | CSS11500 Module Slot Cover                                 | There is currently no replacement product available for this product. |  |                        |
| <b>CSS5-SSL-C-K9</b>            | CSS11500 SSL Module w/ Compression                         | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>CSS5-SSL-C-K9=</b>           | CSS11500 SSL Module w/ Compression                         | ACE30-MOD-K9=   | Application Control Engine 30 Hardware | --                     |
| <b>S11K-SEC2-K9=</b>            | WebNS Secure Management License: Enables Strong Encryption | There is currently no replacement product available for this product. |  |                        |

## Product Migration Options

Customers are encouraged to migrate to the Cisco ACE Application Control Engine. Information about this product can be found at: <http://www.cisco.com/en/US/products/ps6906/index.html>.

**Table 3.** Product Comparisons

| Feature                            | Cisco CSS 11500 Series Content Services Switches | Cisco ACE Application Control Engine                             |
|------------------------------------|--|--|
| Concurrent Connections             | Up to 1 Million                                  | Up to 4 Million  |
| SSL Offload                        | Up to 1,400 SSL Transactions Per Second          | Up to 30,000 SSL Transactions Per Second                         |
| Virtual Contexts                   | Not Available                                    | Up to 250 Virtual Contexts                                       |
| On Demand Scalability              | Not Available                                    | License Based Scalability and investment protection              |
| Role-based Access Control          | Not Available                                    | Available  |
| Centralized Management through ANM | Only Monitoring capability                       | Configuration, Monitoring, Reporting and Consolidated Management |
| HTTP Compression                   | Up to 500 Mbps                                   | Up to 6 Gbps   |
| Throughput                         | Up to 5.6 Gbps                                   | Up to 16 Gbps  |
| Connections Per Second             | Up to 40,000                                     | Up to 500,000  |

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at

[http://www.cisco.com/web/partners/incentives\\_and\\_promotions/tmp.html](http://www.cisco.com/web/partners/incentives_and_promotions/tmp.html)

Customers may be able to continue to purchase the Cisco CSS 11500 Series Content Services Switches through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: <http://www.cisco.com/go/eos>

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

The Cisco Takeback and Recycle program helps businesses dispose properly 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:

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

## For More Information

For more information about the Cisco ACE Application Control Engine, visit

<http://www.cisco.com/en/US/products/ps6906/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/products\\_end-of-life\\_policy.html](http://www.cisco.com/en/US/products/products_end-of-life_policy.html)

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

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

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

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

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