



Product Bulletin No. 3217

Cisco CSS 11501S-C-K9 and WebNS 8.10

Cisco CSS 11501 Content Services Switch with Integrated Secure Sockets Layer (SSL) Termination and HTTP Compression with Cisco WebNS Software Version 8.10.

Cisco Systems Announces Availability of the Cisco CSS 11501 Content Services Switch and New Module for the Cisco CSS 11500 Series with Integrated SSL Termination and HTTP Compression with Cisco WebNS Software Version 8.10.

Cisco® WebNS Software Version 8.10 delivers support for a new Cisco CSS 11501 model and a new module for the Cisco CSS 11500 Series with integrated SSL termination and HTTP compression along with CiscoWorks CiscoView Device Manager.

NEW VERSION OF CISCO CSS 11501

The new version of the Cisco CSS 11501 (CSS11501S-C-K9(=) Content Services Switch with SSL termination and HTTP Compression has been tuned to boost the SSL handshakes to 1400 transactions per second (TPS). This new version is also capable of supporting HTTP compression and can compress up to 500 Mbps of text-based client traffic.

NEW SSL AND HTTP COMPRESSION MODULE FOR THE CISCO CSS 11503 AND 11506

The new SSL termination and compression module has the same performance characteristic as the enhanced Cisco CSS 11501-S-C (CSS5-SSL-C-K9(=) is the new SSL and compression module part number). However, the main advantage is that your customers can add SSL and compression incrementally. A Cisco CSS 11503 can support two of these new modules, while the CSS 11506 can support up to four modules. Therefore, a CSS 11506 can deliver up to 4 Gbps of compression or up to 5600 TPS. If the module is supporting SSL termination and HTTP compression simultaneously then the limits are approximately 200 Mbps of compression and 1000 TPS.

SUPPORT FOR CISCOVIEW DEVICE MANAGER

This release also supports CiscoView Device Manager. The CiscoView Device Manager for the Cisco CSS is a browser-based GUI that you can use to perform the following CSS configuration and management tasks:

- System configuration
- Boot configuration
- Simple Network Management Protocol (SNMP)
- Interfaces
- Circuit management (includes wizard)
- Redundancy
- Load balancing (includes wizard)
- Services
- Content rules

Cisco WebNS Software Version 8.10 Features and Benefits

Cisco WebNS Software version 8.10 supports all the features of Cisco WebNS Software 7.50 and the following new features. The latest hardware module to be added to the Cisco CSS 11500 product line is capable of supporting both SSL acceleration and HTTP compression independently or simultaneously. This combination of supporting SSL transaction and compression in the same module delivers the following benefits:

- Offload Server-based compression and SSL termination, intensive processes that can rob server performance needed for computational tasks; with this new module, network designers can offload these processes to the Cisco CSS 11500 Series.
- Both secure and non-secure client traffic can enjoy the improved server response times associated with HTTP compression.
- SSL and compression capacity can be scaled by adding additional modules to the Cisco CSS 11500 Series.
- Network designers will see a reduction in WAN bandwidth consumption for both secure and non-secure Web traffic.

The CiscoView Device Manager for the Cisco Content Services Switch (CSS) enables users easily to configure content load-balancing services on their CSSs. It is a task-based tool that allows users to control the versatility of their Cisco CSS by offering configuration based on recommended practices in tasks, such as setting up virtual and real services, and applying advanced policies. CiscoView Device Manager is a free application with a small footprint.

The CiscoView Device Manager for the Cisco CSS manages several CSS features and helps users accomplish these tasks with ease. CiscoView Device Manager offers the following features:

- Customizable initial setup wizards
- Comprehensive configuration of server load balancing services using a single tool, including Layer 4 through Layer 7 policy setup
- Centralized management and monitoring capabilities

Platform Support

Cisco WebNS Software 8.10 operates on all models in the Cisco CSS 11500 Series.

Ordering Information

Table 1 includes all product numbers for Cisco WebNS Software 8.10 and the Cisco CSS 11501 with SSL termination and HTTP compression.

The Cisco CSS 11501 has a unique chassis part number, but options such as disks, cables, and Small Form-Factor Pluggable (SFP) gigabit interface converters (GBICs) use the same part numbers as other models in the Cisco CSS 11500 Series. These part numbers start with CSS5-HD, CSS5-FD, CSS5-GBIC, and CSS5-CAB. Secure Telnet, secure FTP, and the secure Cisco CSS management GUI require the Cisco WebNS Secure Management Software License for strong encryption to be enabled.

For customer convenience and supportability, registration for Cisco WebNS Software 8.10 and subsequent versions is available through an online registration system to facilitate obtaining license keys for a Cisco CSS software feature upgrade. Software upgrades for the CSS WebNS software include the enhanced feature set and strong encryption license. Every Cisco CSS 11500 Series configured with Cisco WebNS Software 8.10 and later will ship with a license claim certificate that includes complete instructions for obtaining keys and the URL for the online registration.

Table 1. Product Numbers for Cisco WebNS Software 8.10 and the Cisco CSS 11501

Product Number	Description
CSS11501S-C-K9(=)	Cisco CSS 11501 Content Services Switch with SSL, compression, hard disk, and AC
CSS5-SSL-C-K9(=)	Cisco CSS 11500 SSL and compression module
S11K-500ST-8.1	Cisco WebNS V8.1X Standard Feature Set for Cisco CSS 11501
S11K-500EN-8.1	Cisco WebNS V8.1X Enhanced Feature Set for Cisco CSS 11501

Product Number	Description
S11K-SEC2-K9	WebNS Secure Management License: enables strong encryption
S11K-LLC-8	WebNS License Claim Certificate: V8.10 and later

Additional Information

For product literature and technical documentation, visit: <http://www.cisco.com/go/css11500>



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