

Cisco CSS 11500 Series Content Services Switch Cisco WebNS Software Version 5.10

Cisco Systems announces availability of the Cisco CSS 11500 Series Content Services Switch and Cisco WebNS Software Version 5.10.

The Cisco CSS 11500 Series Content Services Switch is a compact modular platform, delivering the richest Layer 4–7 traffic management services for e-business applications.

The Cisco CSS 11500 Series, with the award-winning Cisco Web Network Services (WebNS) Software, is specifically designed to provide robust transport and application (Layer 4–7) services for Internet and intranet data centers. The Cisco CSS 11500 Series builds on the success of the Cisco CSS 11000 Series in five key areas:

- Introduces an intelligent, distributed architecture to meet the real-world scaling requirements of today's e-business infrastructure
- Improves site availability and transaction integrity by introducing Adaptive Session Redundancy—a new industry standard in stateful failover
- Delivers the greatest flexibility of any content switch in its class for customizing combinations of ports, performance, and services
- Scales secured transaction performance through support of an integrated, high-capacity Secure Sockets Layer (SSL) module (Cisco WebNS 5.20)
- Protects investments by enabling upgrades of performance, ports, and services through modularity

The Cisco CSS 11500 Series Content Services Switch enables businesses to simultaneously reduce costs and boost productivity by optimizing data center resources and offering a superior online experience for customers, business partners, and employees. Through fast switching and content forwarding, the Cisco CSS 11500 Series switches improve the use, responsiveness, availability, scalability, and security of Web sites, server farms, cache clusters, and firewall systems.

Platform Support

Cisco CSS 11500 is supported only on Cisco WebNS Software Version 5.10. Cisco CSS 11800, 11150, and 11050 are currently supported in Cisco WebNS Software Version 5.00.

New Software Features

Cisco WebNS Software Version 5.10 introduces ASR for the Cisco CSS 11500. ASR is the industry's first stateful Layer 5 session redundancy feature that enables failover of important flows while maximizing performance.

Some flows—such as a long-lived File Transfer Protocol (FTP) or a database session—may be mission critical, but many are not. Most solutions on the market today require *all* traffic to be backed up from one



box to another. If the majority of flows are not critical, then most of system performance is wasted on unnecessary backups. With ASR, the Cisco CSS 11500 can be configured so critical flows are marked as “replication worthy.” ASR focuses traffic management resources precisely where needed.

Ordering Information

The Cisco CSS 11500 Series supports both the standard and enhanced feature sets of Cisco WebNS software.

The proximity database feature set for global-server load balancing will not be available in this release, but the Cisco CSS 11500 supports PDNS and may therefore point to a proximity database and participate in a proximity solution. Cisco will continue to maintain and develop solutions for global-server load balancing in future product releases. Table 1 includes all the software product numbers for Cisco WebNS Version 5.10. The

Table 1 Software Product Numbers for Cisco WebNS Version 5.10

Product Number	Description
S11K-503ST-5.1	WebNS V5.1X Standard Feature Set for CSS 11503
S11K-503EN-5.1	WebNS V5.1X Enhanced Feature Set for CSS 11503
S11K-506ST-5.1	WebNS V5.1X Standard Feature Set for CSS 11506
S11K-506EN-5.1	WebNS V5.1X Enhanced Feature Set for CSS 11506
S11K-SSH-K9-5.1	WebNS V5.1X SSH Software License for CSS 11000

Table 2 lists the major Cisco CSS 11500 components that are supported in Cisco WebNS Version 5.10.

Table 2 CSS 11500 Component supported in Cisco WebNS Version 5.10

Product Number	Description
CSS11506-2AC	Cisco 11506 Content Services Switch, including a switch control module with two Gigabit Ethernet ports, hard disk, two switch modules, two AC power supplies, and a fan (requires SFP GBICs)
CSS11506-2DC	Cisco 11506 Content Services Switch, including a switch control module with two Gigabit Ethernet ports, hard disk, two switch modules, two DC power supplies, and a fan (requires SFP GBICs)
CSS11503-AC	Cisco 11503 Content Services Switch, including a switch control module with two Gigabit Ethernet ports, hard disk, and integrated AC power supply, integrated fan, and integrated switch module (requires SFP GBICs)
CSS11503-DC	Cisco 11503 Content Services Switch, including a switch control module with two Gigabit Ethernet ports, hard disk, and integrated DC power supply, integrated fan, and integrated switch module (requires SFP GBICs)
CSS5-SCM-2GE	Cisco CSS 11500 System Control Module with two Gigabit Ethernet ports and hard disk (requires SFP GBICs)
CSS5-IOM-8FE	Cisco CSS 11500 Fast Ethernet I/O Module: 8-port TX
CSS5-IOM-16FE	Cisco CSS 11500 Fast Ethernet I/O Module: 16-port TX
CSS5-IOM-2GE	Cisco CSS 11500 Gigabit Ethernet I/O Module: 2-port (requires SFP GBICs)
CSS5-SAM	Cisco CSS 11500 Session Accelerator Module

Additional Information

For product literature, refer to:

<http://www.cisco.com/go/contentswitch>

For technical documentation, visit:

http://www.cisco.com/univercd/cc/td/doc/product/webscale/css/css_510/



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