



PRODUCT BULLETIN, NO. 2621

CISCO ACNS SOFTWARE VERSION 5.2

PRODUCT OVERVIEW

Cisco Systems® is announcing the new Cisco® Application and Content Networking System (ACNS) Software Version 5.2. Cisco ACNS Software is the industry-leading solution for caching, streaming, and content delivery. Cisco ACNS Software helps organizations of all sizes to reduce costs, accelerate productivity, and increase revenues by extending the following strategic applications from the data center to the branch:

- Web-application acceleration including software distribution
- Secure Web-content access management
- Business video
- Point-of-sale video and Web kiosks

Cisco ACNS Software combines the technologies of demand-pull caching and pre-positioning for accelerated delivery of Web applications, objects, files, and streaming media. It runs on the hardware platforms for Cisco content engines, content distribution managers (CDMs), and content routers.

Together, these intelligent hardware and software components provide the following:

- Content-edge delivery using a Cisco content engine or network module to avoid WAN congestion by storing and delivering content at the network edge
- Central content-management capabilities using the Cisco Content Distribution Manager
- Content-routing capabilities using a Cisco content router for HTTP routing and using the Web Cache Control Protocol (WCCP) embedded in routers and switches with Cisco IOS® Software
- Cisco ACNS Software Version 5.2 includes the following valuable new feature enhancements

Improved Network Management, Monitoring, and Installation

- Real-time graphs and charts of system usage tracked by protocol.
- Installation and quick-start wizards at the command-line interface (CLI) and in the CDM GUI.
- Status bar for fast troubleshooting of device errors or content-replication issues.
- TACACS+ accounting support added to CLI access.
- Real-time output of HTTP logs to syslog.

Latest and Most Powerful Third-Party Web-Filtering Solutions

- Integrated on-box Websense Version 5.2 including support for the Websense Network Agent that blocks point-to-point and instant-messaging traffic.
- Integrated SmartFilter 4.0 including new reporting tools and a larger Website database.

Improved Cache Hit Rate for Better Application Acceleration

- Caching of files served with HTTP 1.1 chunked encoding.
- File access directly from a Windows File System or network attached storage (NAS) device.
- Caching of Secure Sockets Layer (SSL) sites (customer must own the certificate) for content engines configured as proxies or transparently through WCCP.

Streaming Media Support Expanded

- Easy-to-use GUI for scheduling and configuring live streaming events.
- Windows Media Player 9 Series fast-start and fast-cache support using Multimedia Message Service (MMS) over HTTP.
- Windows Media Player 9 Series logging and pass-through authentication support.

SUPPORTED HARDWARE PLATFORMS

Table 1 lists the hardware platforms supported by Cisco ACNS Software Version 5.2 and later.

Table 1. Hardware Platforms

Supported Hardware Platforms	Descriptions
Cisco 2600/3600/3700 Series Content Engine Module with 40-GB hard diskdrive	Content engine network module for the Cisco 2600, 2800, 3600, 3700, and 3800 series multiservice access platforms with 40-GB IDE hard drive.
Cisco 2600/3600/3700 Series Content Engine Module with 80-GB hard diskdrive	Content engine network module for the Cisco 2600, 2800, 3600, 3700, and 3800 series multiservice access platforms with 80-GB IDE hard drive.
Cisco 511 Content Engine	Entry-level edge delivery platform for small branch offices. Configurable only to be a content engine.
Cisco 566 Content Engine	Midrange edge delivery platform for regional offices or larger branch offices. Configurable to be a CDM, content router, content engine, or Cisco IP/TV [®] Program Manager.
Cisco 7305A Content Engine	High-end data-center delivery platform. Configurable to be a CDM, content router, content engine, or Cisco IP/TV Program Manager.
Cisco 7325A Content Engine	Ultra high-end large data-center delivery platform. Configurable only to be a content engine.
Older Hardware Platform Part Numbers	
CE-510-K9, CE-510A-80GB-K9, CE-510A-160GB-K9	Entry-level edge delivery platform for small branch offices. Configurable only to be a content engine.
CE-565-K9, CE-565A-72GB-K9, CE-565A-144GB-K9	Midrange edge delivery platform for regional offices or larger branch offices. Configurable to be a CDM, content router, or content engine.
CE-7305-K9	High-end data-center delivery platform. Configurable to be a CDM, content router, or content engine.
CE-7325-K9	Ultra high-end, large data-center delivery platform. Configurable only to be a content engine.
CE-510-DISK-40GB (=), CE-510A-DISK-80GB (=)	40-GB IDE disk for Cisco 510 Content Engine. 80-GB IDE disk for Cisco 510A Content Engine.
CE-565-DISK-36GB (=), CE-565A-DISK-36GB (=), CE-565A-DISK-72GB (=)	36-GB Ultra 2 SCSI disk for Cisco 565 Content Engine. 36-GB Ultra 160 SCSI disk for Cisco 565A Content Engine. 72-GB Ultra 160 SCSI disk for Cisco 565A Content Engine.

Supported Hardware Platforms	Descriptions
CE73XX-DISK-72GB (=)	72-GB Ultra 2 SCSI disk for Cisco 7305 and 7325 content engines.
CE-507-K9	Entry-level edge delivery platform for small branch offices.
CE-507AV-CDN-K9	Cisco 507 AV Content Engine plus composite baseband video and audio decoder (National Television Standards Committee [NTSC] and Phase Altering Line [PAL]).
CE-560-K9	Midrange edge delivery platform for regional offices or larger branch offices.
CE-560AV-CDN-K9	Cisco 560 Content Engine plus composite baseband video and audio decoder (NTSC and PAL).
CE-590-K9	High-end data-center delivery platform.
CE-590-DC-K9	High-end data-center delivery platform, DC power.
CE-7320-K9	Ultra high-end, large data-center or service provider delivery platform.
CE-7320-DC-K9	Ultra high-end, large data-center or service provider delivery platform, DC power.
CR-4430-K9	Cisco content router for added redundancy to Cisco CDM.
CDM-4630-K9	Entry-level Cisco CDM for small enterprise deployments and departmental pilots.
CDM-4650-K9	High-end Cisco CDM for medium and large enterprise deployments.

AVAILABILITY

Cisco ACNS Software Version 5.2 will be downloadable from www.cisco.com in October 2004. All new content engines will ship with Cisco ACNS Software Version 5.2 in November 2004.

FOR MORE INFORMATION

For more information about the Cisco ACNS product line, contact your local account representative or visit: <http://www.cisco.com/en/US/products/sw/conntsw/ps491/index.html>.

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20410621_ETMG_WH_10.04

Printed in the USA