PRODUCT BULLETIN, NO. 3054

CISCO WAE-511, WAE-611, AND WAE-7326 WIDE AREA APPLICATION ENGINES

PRODUCT OVERVIEW

Cisco Systems® is announcing the immediate availability of the new Cisco® WAE-511, WAE-611, and WAE-7326 wide area application engines. These new Cisco WAEs can ship installed with either the latest Cisco ACNS Software Version 5.3.3 or the Cisco WAFS Software Version 3.0. A separate license is required for each software version, and the two cannot be run concurrently.

The Cisco Wide Area Application Engine (WAE) product family offers a single, consolidated platform allowing end users to run either Cisco ACNS or Cisco WAFS Software and also rely on a common hardware sparing model, simplifying operations and lowering overall cost. As the successor to the Cisco Content Engine and Cisco File Engine products, the WAE models offer the industry-leading solution for application acceleration for Web-based and applications servers, file servers, and streaming video.

For more information about the latest Cisco ACNS Software releases and features, refer to the Cisco ACNS 5.3 Software product bulletin at http://www.cisco.com/en/US/products/sw/conntsw/ps491/prod_bulletin0900aecd80261d2f.html.

For more information about the latest Cisco WAFS Software releases and features, refer to the Cisco WAFS Software data sheet at http://www.cisco.com/en/US/prod/collateral/contnetw/ps5680/ps5981/ps5997/prod_white_paper0900aecd801deac7.shtml.

Although the WAE appliances are based on the same hardware architecture as the content engine and file engine appliances, the WAE appliances come with enhanced hardware components, such as increased internal storage capacity and memory size, and increased performance for similar or lower price.

The Cisco WAE-511 replaces the Cisco 511 Content Engine as the new low-end delivery platform for small to midsize branch offices, offering a wide capacity range from 80 to 500 GB. The Cisco WAE-511 can be configured as a content engine in a Cisco ACNS deployment. It cannot be configured as a content distribution manager (CDM) or a content router or as a Cisco IP/TV® Program Manager. For an additional software license cost, it can be configured as a file engine or core engine in a WAFS deployment (refer to Table 1).

The Cisco WAE-611 replaces the Cisco 566 Content Engine and the Cisco 7305A Content Engine as the new midrange edge delivery platform for regional offices or larger branch offices. The Cisco WAE-611 can be configured as a content engine or a content distribution manager or a content router in a Cisco ACNS deployment or as a Cisco IP/TV Program Manager in a Cisco IP/TV deployment. For an additional software license cost, it can be configured as a file engine or core engine in a WAFS deployment (refer to Table 1).

The Cisco WAE-7326 replaces the Cisco 7325A Content Engine as the new high-end core platform for data centers and regional offices. The Cisco WAE-7326 can be configured as a content engine or as a CDM or a content router in a Cisco ACNS deployment or as a Cisco IP/TV Program Manager in a Cisco IP/TV deployment. For an additional software license cost, it can be configured as a file engine or core engine in a WAFS deployment (refer to Table 1).

NEW FEATURES

New features of the Cisco WAE-511 include the following:

- Increases default minimum synchronous dynamic RAM (SDRAM) memory size to 512 MB with the option to add another 512-MB SDRAM memory module.
- Runs either Cisco ACNS Software or Cisco WAFS Software

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New features of the Cisco WAE-611 include the following:

- Offers new 3.0 GHz Pentium 4 processor with 1 MB Layer 2 cache and 800-MHz front side bus (FSB)
- Increases default SDRAM memory size to 2 GB
- Increases minimum internal storage to 288 GB (two 144-GB 10,000 rpm U320 Small Computer System Interface (SCSI) hard drives for the latest in hard-drive performance) with the option to add up to 500 GB
- Supports only the Cisco Storage Array 7340 (SA-7340) configured with seven drives for external storage
- Runs either Cisco ACNS Software or WAFS Software

New features of the Cisco WAE-7326 include the following:

- Offers new 3.2 GHz Pentium 4 Xeon processor with 1-MB Layer 2 cache and 800-MHz FSB
- Increases default SDRAM memory size to 4 GB
- Increases minimum internal storage to 144 GB (two 72 GB 10,000-rpm U320 SCSI hard drives) with the option to add up to 864 GB
- Runs either Cisco ACNS Software or Cisco WAFS Software

For more information about these new products, refer to the Cisco Wide Area Application Engine data sheet at: http://www.cisco.com/en/US/prod/collateral/contnetw/ps5680/ps6469/product_data_sheet0900aecd80323a4e.html

AVAILABILITY

Customers interested in purchasing the new Cisco WAE appliances can place orders through their normal sales channels, starting now for the Cisco WAE-611 and WAE-7326 and starting the end of August 2005 for the Cisco WAE-511.

CISCO WAE PRODUCT LINE COMPATIBILITY

Table 1 lists the Cisco software functions supported by the new WAEs. Note that the WAE products cannot be configured to perform all application and content networking system (ACNS) functions simultaneously; they can perform one at a time (content engine, content router, CDM, or Cisco IP/TV Program Manager). However they can have both WAFS functions running simultaneously (WAFS software and WAFS central manager).

Table 1. Cisco WAE Product Function Matrix

	Cisco WAE-511	Cisco WAE-611	Cisco WAE-7326
Cisco ACNS Content Engine	X	X	X
Cisco ACNS CDM	—	X	X
Cisco ACNS Content Router	—	X	X
Cisco IP/TV Program Manager	—	X	X
Cisco WAFS Software	X	X	X
Cisco WAFS Central Manager	X	X	X

UPGRADING

All Cisco WAE products participate in the Cisco Technology Migration Program (TMP). Customers can use the Cisco TMP to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about this program, go to: http://www.cisco.com/go/tradein/.

ORDERING INFORMATION

Table 2 lists the Cisco WAE-511, WAE-566, and WAE-7340 part numbers and available hardware configurations.

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Table 2. Ordering Information

Product Part Number	Hardware and Software Configuration Options
WAE-511-K9	• *Software options*—Cisco ACNS Software or Cisco WAFS Software • *One of two hard-disk-drive (HDD) bay configuration options** – One (default) or two 80 GB serial advanced technology attachment (SATA) drives (part number DISK-SATA-80GB) for a total of 160 GB of internal storage – One or two 250 GB SATA drives (part number DISK-SATA-250GB) for a total of 500 GB of internal storage • *Default memory size*—One 512 MB memory modules (part number MEM-WAE-512MB) • *Memory options*—One additional 512 MB memory module (part number MEM-WAE-512MB) for a total of 1 GB internal memory size • *Additional options for Cisco ACNS Software only*—MPEG decoder card (part number CE-VIDEO-1P) or Fibre Channel host bus adapter (part number FIBER-CHNL-1PORT) • *Storage expansion options*—None
WAE-611-K9	• *Software options*—Cisco ACNS Software or Cisco WAFS Software • *Default HDD configuration*: – Two 144 GB ISCSI drives (part number DISK-SCSI-144GB) for a total of 288 GB of internal storage • HDD options—None • *Default memory size*—Two 1 GB SDRAM memory modules for a total of 2 GB of memory size • *Memory options*—None • *Additional options for Cisco ACNS Software only*—MPEG decoder card (part number CE-VIDEO-1P) or Fibre Channel host bus adapter (part number FIBER-CHNL-1PORT) • *Storage expansion*—Supports only the 7-drive, default configuration of the Cisco SA-7340
WAE-7326-K9	• *Software options*—Cisco ACNS Software or Cisco WAFS Software • *Six HDD bay configuration options**: – **For Cisco ACNS Software:** any combination of 2 to 6 hard drives of 72 GB ISCSI drives (part number DISK-SCSI-72GB) for a total of 144 GB of internal storage **OR** any combination of 2 to 6 hard drives of 144 GB ISCSI drives (part number DISK-SCSI-144GB) for a total of 864 GB of internal storage – **For Cisco WAFS Software:** 144 GB of internal storage (two 72 GB ISCSI drives [part number DISK-SCSI-72GB]) **OR** 432 GB of internal storage (two 144 GB ISCSI drives [part number DISK-SCSI-144GB]) • *Default memory size*—Four 1 GB SDRAM memory modules for a total of 4 GB memory • *Memory options*—None • Additional options for Cisco ACNS Software only—Fiber Channel host bus adapter (part number FIBER-CHNL-1PORT) • *Storage expansion*—Supports all drive configurations of the Cisco SA-7340

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Product Part Number	Hardware and Software Configuration Options
WAE Hardware Spares	
FIBER-CHNL-1PORT=	Fiber Channel card, spare
CE-VIDEO-1P=	MPEG 1,2 video decoder, spare
MEM-WAE-512MB	WAE 512 MB additional memory module**
DISK-611SC-144GB	144 GB hard drive (U320), spare
DISK-SCSI-72GB (=)	72 GB hard drive (U320), spare
DISK-SCSI-144GB (=)	144 GB hard drive (U320), spare
DISK-SATA-80GB (=)	80 GB HDD (SATA), spare
DISK-SATA-250GB (=)	250 GB HDD (SATA), spare

* The combination of different hard-drive sizes is not supported on the WAE product line.

** Not valid if Cisco ACNS Software Version 5.2 is selected.

FOR MORE INFORMATION

For more information about the Cisco WAE product line, contact your local Cisco account representative or visit http://www.cisco.com/en/US/products/hw/contnetw/index.html.

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