



PRODUCT BULLETIN NO. 2619

CISCO 511 CONTENT ENGINE, CISCO 566 CONTENT ENGINE, AND CISCO STORAGE ARRAY 7340

PRODUCT OVERVIEW

Cisco Systems® is announcing the new Cisco® 511 Content Engine, Cisco 566 Content Engine, and Cisco Storage Array 7340 products. These new Cisco 500 Series content engines offer the latest in hardware technology and performance and will ship installed with the latest Cisco Application and Content Networking System (ACNS) Software Version 5.2, providing the industry-leading solution for caching, streaming, and content delivery. For more information on the latest Cisco ACNS Software release and features, see the Cisco ACNS 5.2 Software Product Bulletin at

http://www.cisco.com/en/US/prod/collateral/contnetw/ps5680/ps491/ps5885/prod_bulletin0900aecd801a176f.html

The Cisco 511 Content Engine replaces the Cisco 510A Content Engine as the new entry-level edge delivery platform for small branch offices.

The Cisco 566 Content Engine replaces the Cisco 565A Content Engine as the new midrange edge delivery platform for regional offices or larger branch offices. The Cisco 566 Content Engine can be configured as 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. No additional licensing or customer costs are required to make this change (see Table 1). For storage expandability and higher caching performance, the Cisco 566 Content Engine can be connected to a Cisco Storage Array 7340.

The Cisco Storage Array 7340 replaces the Cisco Storage Array 7 and 14 as the direct-attached storage-expansion solution for the Cisco ACNS content engines. The Cisco Storage Array 7340 offers 540 to 1008 GB (1.008 terabytes [TB]) of Ultra 320 Small Computer System Interface (SCSI), high speed, and highly reliable storage capacity. The Cisco Storage Array 7340 features front-serviceable hard drives and redundant and hot-swappable AC power supplies to enhance reliability.

NEW FEATURES

New features of the Cisco 511 Content Engine include the following:

- New 2.8-GHz Celeron Prescott processor with 256-KB Layer 2 cache and 533-MHz front side bus (FSB).
- New 80-GB Serial ATA (SATA) hard drives that have a new front-serviceable design, allowing field hard-drive replacements and installations.

New features of the Cisco 566 Content Engine include the following:

- New 2.8-GHz Celeron Prescott processor with 256-KB Layer 2 cache and 533-MHz FSB.
- New 72-GB Ultra 320 SCSI hard drives for the latest in hard-drive performance.
- Support for the new Cisco Storage Array 7340 configured with seven drives, providing 504 GB of Ultra 320 SCSI storage expansion and increased caching and streaming performance.

New features of the Cisco Storage Array 7340 include the following:

- New 72-GB Ultra 320 SCSI hard drives providing double the storage capacity of the previous Cisco storage arrays and the latest in hard-drive performance.
- Single product with configurable hard-drive options offering seven to fourteen 72-GB drive configurations (504 GB to 1008 GB total storage).

For more information on these new products, please refer to the Cisco ACNS 5.2 Content Engine Data Sheet at

http://www.cisco.com/en/US/prod/collateral/contnetw/ps5680/ps491/ps6049/product_data_sheet0900aecd80261a22.html

AVAILABILITY

Customers interested in purchasing the new Cisco 500 Series content engines can place orders through their normal sales channels beginning November 2004.

Customers interested in purchasing the new Cisco Storage Array 7340 can place orders through their normal sales channels beginning in late December 2004.

CISCO ACNS PRODUCT LINE COMPATIBILITY

Table 1 lists the Cisco ACNS functions supported by the new content engines.

Table 1. Cisco Content Engine Product Function Matrix

	Cisco Content Engine Network Modules	Cisco 511 Content Engine	Cisco 566 Content Engine	Cisco 7305A Content Engine	Cisco 7325A Content Engine
Content Engine	X	X	X	X	X
Content Distribution Manager	–	–	X	X	–
Content Router	–	–	X	X	–
Cisco IP/TV Program Manager	–	–	X	X	–

Table 2 shows the Cisco Storage Array 7340 support for Cisco content engines. Those combinations with an “X” are supported, while those without an “X” are not supported product combinations.

Table 2. Cisco Storage Array 7340 Content Engine Support Matrix

	Cisco Content Engine Network Modules	Cisco 511 Content Engine	Cisco 566 Content Engine	Cisco 7305A Content Engine	Cisco 7325A Content Engine
SA-7340 with 7 Drives (default)	–	–	X	X	X
SA-7340 with 8 to 14 Drives (optional)	–	–	–	X	X

Note: The Cisco Storage Array 7340 is not backward compatible with the Cisco 565 or 565A Content Engines and cannot be used with them in any configuration. Customers who need storage expansion for the Cisco 565 or 565A Content Engines will need to purchase the Cisco Storage Array 7 before it reaches its end-of-sale date.

UPGRADING

All Cisco ACNS content engine and storage array products participate in the Cisco Technology Migration Program. Customers can use the Cisco Technology Migration Plan 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 3 lists the Cisco 511 Content Engine, Cisco 566 Content Engine, and Cisco Storage Array 7340 part numbers and available hardware configurations.

Table 3. Ordering Information

Product Part Number	Hardware Configuration Options
CE-511-K9	<ul style="list-style-type: none"> • <i>Default drive configuration</i>—Single 80-GB SATA drive (CE-511-DISK-80GB) • <i>Hard drive options</i>—One additional 80-GB SATA drive (CE-511-1HDU2HD) for a total of 160 GB of internal storage • <i>Additional options</i>—MPEG Decoder Card (CE-VIDEO-1P) or Fiber Channel Host Bus Adapter (FIBER-CHNL-1PORT) • <i>Storage expansion options</i>—none
CE-566-144GB-K9	<ul style="list-style-type: none"> • <i>Default drive configuration</i>—Always configured with two 72-GB Ultra 320 SCSI drives (CE-566-DISK-72GB) for a total of 144 GB of internal SCSI storage • <i>Hard drive options</i>—None • <i>Additional options</i>—MPEG Decoder Card (CE-VIDEO-1P) or Fiber Channel Host Bus Adapter (FIBER-CHNL-1PORT) • <i>Storage expansion</i>—Supports only the 7-drive, default configuration of the SA-7340
CE-7305A-K9	<ul style="list-style-type: none"> • <i>Default drive configuration</i>—Two 72-GB SCSI drives (CE-73XXA-DISK-72GB) for 144-GB base internal storage • <i>Hard drive options</i>—One to four additional 72-GB SCSI drives (CE-73XXA-DISK-72GB) for a maximum of 432 GB of internal storage • <i>Additional options</i>—Fiber Channel Host Bus Adapter (FIBER-CHNL-1PORT) • <i>Storage expansion</i>—Supports all drive configurations of the SA-7340
CE-7325A-K9	<ul style="list-style-type: none"> • <i>Default drive configuration</i>—Always configured with six 72-GB SCSI drives (CE-73XXA-DISK-72GB) for a total of 432 GB of internal storage • <i>Hard drive options</i>—None • <i>Additional options</i>—Fiber Channel Host Bus Adapter (FIBER-CHNL-1PORT) • <i>Storage expansion</i>—Supports all drive configurations of the SA-7340
SA-7340	<ul style="list-style-type: none"> • <i>Default drive configuration</i>—Seven 72-GB SCSI drives (SA-7340-DISK-72GB) for a total of 504 GB of storage; this is the only configuration supported for use with the CE-566-144GB-K9 • <i>Hard drive options</i>—One to seven additional 72-GB drives (SA-7340-DISK-72GB) for a maximum of 1008 GB of storage; these configurations are supported for use with the Cisco 7300 Series content engines
Content Engine and Storage Array Hardware Spares	
CE-511-DISK-80GB=	<ul style="list-style-type: none"> • 80-GB SATA Drive for CE-511, spare
CE-566-DISK-72GB=	<ul style="list-style-type: none"> • 72-GB SCSI Drive for CE-566, spare
CE-73XXA-DISK-72G=	<ul style="list-style-type: none"> • 72-GB SCSI Drive for CE-7325A and CE-7305A, spare

Product Part Number	Hardware Configuration Options
SA-DISK-72GB=	<ul style="list-style-type: none"> • 72-GB SCSI Drive for Storage Array 7340, spare
CE-VIDEO-1P=	<ul style="list-style-type: none"> • MPEG 1,2 Video Decoder, spare
FIBER-CHNL-1PORT=	<ul style="list-style-type: none"> • Fiber Channel Card, spare

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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