



Release Notes for Cisco ACNS Software, Release 5.5.11

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Hardware Platforms Supported in the ACNS Software

Table 1 shows the hardware platforms supported in each ACNS software release. An “X” indicates that the software supports the hardware models listed in that row.

Table 1 Hardware and ACNS Software Compatibility Matrix

Hardware Model	5.3.3	5.3.7	5.4.1	5.4.3	5.5.1	5.5.5	5.5.7	5.5.9	5.5.11
CE-507 CE-560 CE-590 CR-4430 CDM-4630	X	X	X	X	X	X	X	X	X
CE-7320 CDM-4650	X	X	X	X	X	X	X	X	X
NM-CE-BP-SCSI NM-CE-BP-40G NM-CE-BP-80G	X	X	X	X	X	X	X	X	X
CE-510 CE-510A CE-565 CE-565A	X	X	X	X	X	X	X	X	X
CE-7305 CE-7305A CE-7325 CE-7325A	X	X	X	X	X	X	X	X	X
CE-511 CE-566	X	X	X	X	X	X	X	X	X
WAE-511 WAE-611	X	X	X	X	X	X	X	X	X
WAE-7326	X	X	X	X	X	X	X	X	X
WAE-512 WAE-612				X	X	X	X	X	X
WAE-674								X	X
WAE-7341								X	X

Table 1 Hardware and ACNS Software Compatibility Matrix (continued)

Hardware Model	5.3.3	5.3.7	5.4.1	5.4.3	5.5.1	5.5.5	5.5.7	5.5.9	5.5.11
NME-WAE-502-K							X	X	X
NM-WAE-522								X	X

**Note**

The ACNS 5.4.3 release is the required minimum software release for the WAE-512 and WAE-612 appliances. The ACNS 5.3.3 release is the required minimum software release for the WAE-511, WAE-611, and WAE-7326 appliances.

Software Component Versions Supported in the ACNS Software

Table 2 describes the integrated SmartFilter and Websense versions that are supported in the ACNS software.

Table 2 Component Versions Supported in the ACNS Software

ACNS Software Release	SmartFilter Version Supported	Websense Version Supported
ACNS 5.3.x	Version 4.0.1	Version 5.2
ACNS 5.4.1	Version 4.0.1	Version 5.5.2 ¹
ACNS 5.4.3	Version 4.1.1	Version 5.5.2
ACNS 5.5.1	Version 4.0.1	Version 5.5.2
ACNS 5.5.5	Version 4.1.1	Version 5.5.2
ACNS 5.5.7	Version 4.1.1	Version 5.5.2
ACNS 5.5.9	Version 4.1.1	Version 5.5.2
ACNS 5.5.11	Version 4.1.1	Version 5.5.2

1. The integrated Websense Enterprise software Version 5.5 in the ACNS software requires a minimum of 512 MB of RAM. We recommend that you upgrade the RAM on your device to 512 MB or greater, or move your integrated Websense server to another device that has at least 512 MB of RAM. When additional Websense components are enabled (such as the Network Agent), the ACNS software requires a minimum of 1 GB of RAM.

Performance is optimal when Websense Enterprise Manager, the Websense Policy Server, and all other Websense components are situated in the same LAN. If all components are not in the same LAN, you may experience communication latency between Websense Enterprise Manager and other components. A significant increase in latency may lead to a communication failure.

Software Version 5.5.11 Open Caveats

This section lists the open caveats in the ACNS 5.5.11 release.

- **CSCso73291**—wmt_be core happens during longevity stress. When a combination of managed live and vod stress is given. The hardware is 7326. Workaround: None.
- **CSCsq51425**—Acquisition of around 700k content items with 8 channels having single root CE becomes slow or gets hung when you configure 8 channels having 90K content items in each channel with single root CE. Workaround: Divide the acquisition load between two Root CEs.
- **CSCsq98625**—The cache process uses most of the CPU of the device. Workaround: Restart the cache service.
- **CSCsr25336**—User requests without the question mark (?) are not logged in the working.log while user requests to the URL with question mark and which hits the rule are logged in working.log. This occurs when rules have been configured to rewrite a URL containing ?.*(question mark followed by any characters) to a URL without ? (question mark and the following characters). Workaround: None.
- **CSCsr25386**—The site has 8 channels each containing approximately 90k items. When acquisition is finished errors are reported on content not found. Though the acquirer has been stopped for this channel as seen in the CLI on the root CE, the GUI shows the acquirer trying to acquire content. Workaround: Fix all the errors in the channel.

Software Version 5.5.11 Resolved Caveats

This section lists the resolved caveats in the ACNS 5.5.11 release.

- **CSCse89169**—Cache process crash.
- **CSCsf15136**—Security risk with NTLM passwords in CE configs. NTLM passwords can be seen in clear text in the startup-config.
- **CSCsf19007**—The **debug all** command does not work for **clear cache**.
- **CSCsg15083**—Advanced HTTP debug with debug http cache works for unmatched client IP.
- **CSCsi08993**—Cache core file seen on CE when a cache process is running with Smartfilter enabled.
- **CSCsl57303**—Wget core generated when test-url and http monitor is done for contents greater than 2GB.
- **CSCso02179**—Snmp process aborted and dumped core during normal operation of CE.
- **CSCso20953**—CDM graph shows large values in Bytes served report, which is different from the Bytes served report of the root CE. This occurs when you create a wmt managed live program with unicast and multicast enabled and assign two CEs in same location to the channel. The non root CE and CDM Bytes served graphs will show large values.
- **CSCso44811**—Cache process goes to overload state with low memory messages in the syslog.
- **CSCso54860**—NTLM authentication stops working after some time. A core dump of the "http_authmod" process is created in the "/local/local1/core_dir" folder. The following message appears many times in the syslog:

```
Mar 18 10:47:23 CE-Int-A http_authmod: %CE-AUTHMOD-3-540049: ***NTLM:
process_ntlm_request: No Domain Controllers available (or) Domain not in configured
domain list; denying access (status 11).a_request->auth_msg.au_hdr.a_msgtype = 1
a_request->auth_msg.au_uid_pwd = NULL
```

- **CSCso58123**—ACNS 5.5.7 multicast live streams go into an ‘unknown’ state with managed live multicast program.
- **CSCso60927**—Users are unable to login to a CE using NTLM.
- **CSCso64323**—Off-box websense Url-filtering is not supported in WAE-502.
- **CSCso76932**—RTSP requests not passed to origin server for a vod. This occurs due to the large Asf header size, and the CE tries to get the content from the origin server.
- **CSCso89900**—Cache core files appear on the ACNS device when the cache process is running.
- **CSCsq06697**—wmt_be core happens during longevity stress. This occurs when a combination of managed live and managed live with SSPL source is given. The hardware is ce590.
- **CSCsq28345**—VOD does not play through a CE device when WMT is enabled on a CE and the request has an href to mms URL.
- **CSCsq45795**—Crash in webserver process.
- **CSCsq68780**—Unable to play the URL <http://10.77.157.89/vod.asf>. Player is giving the error stating that it cannot connect to server. This only occurs for http protocol. The file should have large asf header.
- **CSCsq79838**—When **http cache-vary-user-agent** is enabled, the wrong content is being returned for certain URLs.
- **CSCsq81402**—If you configure **tcp server-mss** before enabling IP spoofing, the setting is ignored and the ACNS uses the default MSS value. If the ACNS is reloaded, the **tcp server-mss** settings are not applied even if present in the configuration.
- **CSCsq88791**—Prepositioned content with enabled flag "ignore_Query_String" does not work for requests with a query string for several hours after CE is reloaded. This occurs when there is a large number of content items prepositioned. (~100k).
- **CSCsq94156**—When trying to acquire a .ser file having content-type ‘application/java-serialized-object’ (which is greater than 32 characters), acquirer errors occur and retries until it times out.
- **CSCsr21046**—This issue occurs when the CE is under stress. It applies to a special release of ACNS version 5.5.9 and was released to fix an acquisition issue with .ser files. Acquisition is working but you cannot get into config mode despite being logged in as admin. A service restart parser_server did not help. Each execution of config <enter> created a core file.
- **CSCsr57040**—When streaming is enabled for rtsp, a core file in wmt_be - guess_blkno_for_nonindex_stream is seen.

Product Documentation Set

In addition to this release note, the following document types are included in the product documentation set. An online help system is included in the product software.

- [Hardware Documents](#)
- [Software Documents](#)
- [Online Help](#)

Hardware Documents

- *Cisco Wide Area Application Engine 7341, 7371, and 674 Hardware Installation Guide*
- *Cisco Wide Area Application Engine 7326 Hardware Installation Guide*
- *Cisco Wide Area Application Engine 512 and 612 Hardware Installation Guide*
- *Cisco Wide Area Application Engine 511 and 611 Hardware Installation Guide*
- *Installing Hard Disk Drives in the Cisco Wide Area Application Engine 611*
- *Installing the Cisco WAE Inline Network Adapter*
- *Regulatory Compliance and Safety Information for the Cisco Content Networking Product Series*

Software Documents

- *Cisco ACNS Software Upgrade and Maintenance Guide, Release 5.x*
- *Cisco ACNS Software Configuration Guide for Centrally Managed Deployments, Release 5.5*
- *Cisco ACNS Software Configuration Guide for Locally Managed Deployments, Release 5.5*
- *Configuring Cisco Access Routers and the NME-WAE Network Module for ACNS Deployments*
- *Cisco ACNS Command Reference, Release 5.5*
- *Cisco ACNS Software API Guide, Release 5.5*

Online Help

The Content Distribution Manager GUI and the Content Engine GUI both have context-sensitive online help that can be accessed by clicking the **HELP** button. ACNS software includes the following online help systems:

- Content Distribution Manager GUI online help system for centrally managed ACNS networks
- Content Engine GUI online help system for locally deployed Content Engines

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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