



Release Notes for Cisco ACNS Software, Release 5.5.33

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Note

The most current Cisco documentation for released products is available on Cisco.com.

Contents

This release note contains information about the Cisco Application and Content Networking System (ACNS) software version 5.5.33.

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Virtual ACNS Support

Virtual ACNS(vACNS) support in ACNS 5.5.31 and later allows you to quickly deploy vACNS instances on VMWare ESXi hosts such as the Cisco Unified Computing System (UCS). The ACNS Content Distribution Manager can manage vACNS instances in the same graphical interface through which it manages other ACNS devices in the network. In addition, the virtual Content Distribution Manager can manage both physical and vACNS instances. A separate vACNS license is required for vACNS support. See the Cisco Virtual ACNS Software Installation and Configuration Guide for details.



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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, 5.5.13, 5.5.15, 5.5.17, 5.5.19, 5.5.21, 5.5.23, 5.5.25	5.5.27, 5.5.29	5.5.31, 5.5.33
CE-507 CE-560 CE-590 CR-4430 CDM-4630	X	X	X	X	X	X
CE-7320 CDM-4650	X	X	X	X	X	X
NM-CE-BP-SCSI NM-CE-BP-40G NM-CE-BP-80G	X	X	X	X	X	X
CE-510 CE-510A CE-565 CE-565A	X	X	X	X	X	X
CE-7305 CE-7305A CE-7325 CE-7325A	X	X	X	X	X	X
CE-511 CE-566	X	X	X	X	X	X
WAE-511 WAE-611	X	X	X	X	X	X
WAE-7326	X	X	X	X	X	X
WAE-512 WAE-612		X	X	X	X	X
WAE-674				X	X	X
WAE-7341				X	X	X
NME-WAE-502-K			X	X	X	X
NM-WAE-522			X	X	X	X
WAE-7371					X	X
VCE674						X
VCE7341						X

**Note**

ACNS 5.5.31 is the required minimum software release for the virtual ACNS appliances. ACNS 5.5.31 and later supports all the hardware models along with Virtual Content Engines. VCExxx is supported on UCS-B, UCS-C and UCS-E models. 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. The ACNS 5.5.13 release is the required minimum software release for ACNS-VB running on WAAS virtual blade. ACNS 5.5.27 is the required minimum software release for WAE-7371.

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, 5.5.7, 5.5.9, 5.5.11, 5.5.13, 5.5.19, 5.5.21, 5.5.23, 5.5.25, 5.5.27, 5.5.29, 5.5.31, 5.5.33	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.

The following software component restrictions apply to the NME-WAE-502:

- On-box SmartFilter is not supported on the NME-WAE-502 running ACNS version 5.5.7 and later. Off-box SmartFilter is supported on the NME-WAE-502 running ACNS version 5.5.7 and later.
- On-box Websense is not supported on the NME-WAE-502 running ACNS version 5.5.7 and later. Off-box Websense is not supported on the NME-WAE-502 running ACNS versions 5.5.7 and 5.5.9. Off-box Websense is supported in ACNS version 5.5.11 and later.

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 5.5.33 Resolved and Open Caveats

The following sections list the resolved and open caveats in the ACNS 5.5.33 release.

- [Software Version 5.5.33 Resolved Caveats](#)
- [Software Version 5.5.33 Open Caveats](#)

Software Version 5.5.33 Resolved Caveats

This section lists the resolved caveats in the ACNS 5.5.33 release:

- **CSCeg84004**— In case of multiple simultaneous requests to CE, ACNS proxy NTLM authentication generates multiple pop ups in browser.
- **CSCuh64125**— CVE-2007-2446 Multiple heap-based buffer overflow in ACNS Samba provides administrators access to remote attackers and has following impact
 - Allows unauthorised disclosure of information
 - Allows complete confidentiality, integrity, and availability violation
 - Allows disruption of service
- **CSCuj31004**— Unable to configure Subnet zero ip addresses as static route in ACNS releases 5.5.29 and 5.5.31.
- **CSCuj62909**— 'CDM ip' CLI accepts reserved and broadcast ip addresses.
- **CSCuj71438**— Disk alarm reports 'insufficient' disk size, when disk size configured is higher for vACNS model.
- **CSCuh69001**— Multicast alarm raised for no reason in ACNS 5.5.31.
- **CSCuj18737**— Sysreport is generated when end-date is earlier than start-date.
- **CSCuj71516**— vACNS during bootup process displays incorrect information regarding monitoring boot process through serial port. But vACNS supports VGA during bootup process.
- **CSCuj88471**— Disabling SSH version 1 or 2 using "no sshd version 1" or "no sshd version 2" only takes effect after reload in ACNS versions 5.5.25, 5.5.27, 5.5.29 and 5.5.31.
- **CSCuj99367**— When NAS server reconnects after long time of disconnectivity, NAS share is not attached to CE automatically. Requires reconfiguration of NAS.
- **CSCul37559**— All the current vACNS models support 4 CPUs. If the number of CPUs are changed, it should be detected during boot time and alarm need to be raised.
- **CSCum45095**— NAS share removal is not allowed under following conditions
 - NAS share is used for cdnfs space and
 - Disk quota for the CE is higher than available cdnfs space after removal of NAS share
 NAS share can be allowed to remove when it is in 'failed' state.

Software Version 5.5.33 Open Caveats

This section lists the open caveats in the ACNS 5.5.33 release.

- **CSCul63123**— CE becomes unresponsive while playing multicast stream in a particular scenario.
Workaround: None

- **CSCul30089**— ACNS creates less mediafs partition size than configured, due to filesystem overhead. File system overhead calculated as 3% of (cdnfs size + mediafs size). No information provided regarding overhead during 'disk configuration'.
Workaround: During disk configuration select mediafs size as, expected mediafs size + 3% of (cdnfs size + mediafs size)
- **CSCul71351**— Not able to assign ip using 'setup' CLI in vACNS.
Workaround: Configure ip using 'interface' CLI.
- **CSCum24794**— WMT process crashes and restarts in a particular scenario during live multicast.
Workaround: None
- **CSCud94440**— Cache process crashes when unexpected data received from server over a NTLM connection.
Workaround : Cache process restarted by CE on its own.

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*
- *Regulatory Compliance and Safety Information for the Cisco Content Networking Product Series*

Software Documents

- [Cisco Virtual ACNS Software Installation and Configuration Guide](#)
- *Cisco WAAS Installation and Configuration Guide for ACNS on a Virtual Blade*
- *Cisco ACNS Software Upgrade and Maintenance Guide, Release 5.5*
- *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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