Avocent® ACS 6000 Advanced Console Server
Release Notes
Version 3.5.0.10
May 31, 2017

This document outlines:

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2. Appliance Firmware Version Information
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1. Update Instructions

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NOTE: Please refer to your installer/user guide for detailed instructions on updating the Avocent® 6000 ACS advanced console server.

IMPORTANT NOTE: This version should be upgraded from version 2.5.0.11 or newer. Appliances with earlier versions should be upgraded to version 2.5.0.11 before the upgrade to version 3.5.0.

In order to have all features listed in this release available through the Avocent® DSView™ management software, DSView™ software version 4.5 (SP7 or later) and ACS 6000 console server plug-in version 3.5.0 are required.

Avocent® ACS 6000 console server firmware version 3.5.0 provides an internal mechanism which preserves the existing configuration when upgrading from previous firmware versions. However, it is strongly recommended that you back up the system configuration before firmware version upgrades.

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2. Appliance Firmware Version Information

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Appliance/Product	Version	Filename
Avocent® ACS6000 advanced console system	3.5.0.10	avoImage_avctacs_3.5.0.10.zip avoImage_avctacs_3.5.0.10.zip.md5.txt

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3. Local Client Requirements

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Software	Version
Internet Explorer®. *Compatibility mode is recommended.	11

Software	Version
Firefox	ESR 45.8.0, 52
Chrome	58

To access the console port with factory default settings, you need terminal emulation software running 9600 bits per second, 8 bits, 1 stop bit, no parity and no flow control.

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4. Features and Enhancements

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- There are enhancements to IPSec in this release:
    - o The first enhancement is with IPSec Tunnel Monitoring, which allows you to monitor several IPSec tunnel characteristics including Name, Status, Remote IP Address, Lifetime, Established Time, Phase 1 Algorithm, Phase 2 Algorithm and the Certificate name.
    - o The Avocent® ACS advanced console server now supports the download and storage of multiple IPSec certificate files, as well as the display of a selected IPSec certificate file.
    - o Certificate fallback is supported in IPSec, and if the currently selected certificate fails to establish the tunnel, the unit will fall back to a previously configured certificate.
    - o A user is able to delete a stored certificate.

- The Avocent® ACS advanced console server serial port is now capable of being disabled. Once disabled, it will remain disabled until it is enabled again or reset to factory defaults.
    - o For the serial console port to be disabled during the boot process, new bootcode must be loaded. This can only be done in the web user interface and should only be done if the serial console port disable function is desired.

- To restore the factory defaults, partial boot the advanced console server five times.

- A "secure" erase has been added with this release to allow you to erase all user data when reset to factory defaults. (This erases all user data in both configuration partitions.)

- Although it will require an Avocent® DSView™ management software update, all new features listed here are also supported in the software.

- Due to browsers eliminating support for Java applets that use NPAPI, the serial and appliance viewers are now launched using JNLP. This enables the viewers to work under all supported browsers and eliminates issues with opening multiple viewers simultaneously.

- The advanced console server installer/user guide has been updated to accurately reflect the behavior of the serial port status LEDs.

- This release resolves the following issues:
    - o Fixed problems with network firewall logging not correctly logging to files.
    - o Fixed a memory leak that could cause the appliance problems after long periods of uptime.
    - o Fixed a problem with the command line "saveconf" command not working correctly with TFTP server destinations.
    - o Fixed problems connecting to the Liebert® MPH™ power distribution units (PDUs) via serial connection.
    - o Fixed a problem with the trap forward server IP address not being included when the appliance configuration was saved.

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5. Known Issues

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- Resync with the Avocent® Rack Power Manager software while using Chrome sometimes fails. In order for it to work, select *Reset Settings* within the Chrome settings.

- The DCD signal is required when using "Enable speed auto detection".

- When using partial boots to reset to factory defaults, the console port is set to 9600 bps.

- Several functions (reboot, shutdown, restore configuration and so on) require pop-up dialog boxes in order to work correctly. If you disable pop-up dialog boxes in the browser, these functions will not work.

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6. Compatibility Matrix

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Avocent® ACS Advanced Console System Version	DSView™ Management Software Plug-in Version	DSView™ Management Software Version
3.5.0.10	3.5.0.9	4.5 SP7