Vertiv™ Avocent® ACS6000 Advanced Console Server

Release Notes

VERSION 3.9.0.1, OCTOBER 7, 2020

Release Notes Section Outline

1. Update Instructions

These release notes refer to the Avocent® ACS6000 advanced console server. Please refer to your installer/user guide for detailed instructions on updating the Avocent® ACS advanced console server.

IMPORTANT NOTE: This version must be upgraded from version 3.1.0.8 or later. Appliances with versions earlier than 2.5.0.11 must upgrade to 2.5.0.11, then 3.6.0.8, before upgrading to 3.9.0.1. Appliances with versions between 2.5.0.11 and 3.0.0.13 must upgrade to 3.6.0.8 before upgrading to 3.9.0.1.

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 ACS6000 console server plug-in version 3.7.0 are required.

Avocent® ACS6000 console server firmware version 3.9.0.1 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.

2. Appliance Firmware Version Information

APPLIANCE/PRODUCT	VERSION	FILENAME
Avocent® ACS6000 Advanced Console Server	3.9.0.1	avoImage_avctacs_3.9.0.1.zip avoImage_avctacs_3.9.0.1.zip.sha2.txt

3. Local Client Requirements

SOFTWARE	VERSION
Edge	85
Firefox	80
Chrome	85
Safari	12

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.

4. Issues Resolved

Descriptions for the issues resolved with this release are listed below:

- Added IPSec support for strict mode on ciphers. In the IPSec Advanced Settings, added new options to select strict mode for the IKE Cipher Suite and the ESP Cipher Suite. This is equivalent to adding “!” after the cipher to support strict mode. [CAS-28175-H1N5L4]
- OpenSSL upgraded to 1.0.2u-FIPS.
- OpenSSH upgraded to 8.2p1.
- Removed weak dh-group14-sha1 key exchange algorithm support from OpenSSH.
- Telnet patch added for CVE-2020-10188.
- Logrotate added to rotate dlog.log to prevent memory from filling up.
- Added improvements to debug monitoring (monitoring the Avocent® ACS console server health).
- Fixed an issue with data logging into the Avocent® DSView™ management software.
- Added the following Geist™ serial power distribution unit (PDU) improvements:
  - Made fixes to keep the PDU online after glitches in serial communication. (The serial session sometimes expires, and forces the Avocent® ACS console server to log back in. Sometimes the PDU returns bad responses if it’s not in a ‘ready’ state.)
  - Made improvements to speed up the process of gathering outlet data. This is most noticeable for PDUs with a high metered outlet count.
  - Fixed the A2D sensor type and status display.
  - Fixed the sensor name display to use the device name rather than its label.
  - Fixed the outlet table for non-switchable outlets (no longer shows a ‘bank’ column).

5. Known Issues

- HTTPS sometimes does not work in Firefox. Firefox does not load the certificate, or it takes a long time to load the certificate. To correct this, go to the Firefox Help menu and click *Troubleshooting Information*. On the top-right of the page, click *Refresh Firefox*. This cleans up the Firefox certificates.
- All SNMP traps are sent using SNMPv1.
- XML configurations which include configuration templates should always be saved and applied using the same firmware version.

6. Compatibility Matrix

AVOCENT® ACS ADVANCED CONSOLE SERVER VERSION	AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE PLUG-IN VERSION	AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE VERSION
3.9.0.1	3.7.0.11	4.5 SP7, 4.5 SP8, 4.5 SP9, 4.5 SP10, 4.5 SP11 and 4.5 SP12

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