Vertiv™ Avocent® ACS6000 Advanced Console Server

Release Notes

VERSION 3.9.0.4, AUGUST 30, 2020

Release Notes Section Outline

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1. Update Instructions

These release notes refer to the Vertiv™ Avocent® ACS6000 advanced console server. Please refer to your installer/user guide for detailed instructions on updating the Vertiv™ 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 3.9.0.4. Appliances with versions between 2.5.0.11 and 3.0.0.13 must upgrade to 3.6.0.8 before upgrading to 3.9.0.4.

In order to have all features listed in this release available through the Vertiv™ Avocent® DSView™ management software, DSView™ software version 4.5 (SP7 or later) and ACS6000 console server plug-in version 3.7.0 are required.

Vertiv™ Avocent® ACS6000 console server firmware version 3.9.0.4 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
Vertiv™ Avocent® ACS6000 Advanced Console Server	3.9.0.4	avoImage_avctacs_3.9.0.4.zip avoImage_avctacs_3.9.0.4.zip.sha2.txt

3. Local Client Requirements

SOFTWARE	VERSION
Edge	92
Firefox	89
Chrome	92
Safari	14

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 a script to clear "ghost" sessions. Ghost sessions are created when initiating a serial session and closing it before it opens completely.
- Improved the web server timing to allow the Vertiv™ Avocent® DSView™ software to upgrade more devices at the same time.
- Added a fix for CVE-2020-1971. Openssl generate_name_cmp function patched.
- Added a fix for CVE-2020-3156 - Upgrade sudo to 1.9.5p2.
- Added a process to monitor memory used by SNMP and reset SNMP process if memory exceeds certain limit.
- Added a process to monitor key processes within the operating system and restart if non-responsive.
- Updated mindterm (java) serial viewer certificate.
- Modified upgrade script to fix a problem with being able to browse to /img directory. Upgrade script was not correctly applying the previous fix.

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

VERTIV™ AVOCENT® ACS ADVANCED CONSOLE SERVER VERSION	VERTIV™ AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE PLUG-IN VERSION	VERTIV™ AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE VERSION
3.9.0.4	3.7.0.11	4.5 SP7, 4.5 SP8, 4.5 SP9, 4.5 SP10, 4.5 SP11, 4.5 SP12, 4.5 SP13 and 4.5 SP14