VERTIV™

Avocent® ACS8xxx Advanced Console System
Release Notes

VERSION 2.10.0, MARCH 27, 2020

Release Notes Section Outline

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1 Update Instructions

These release notes refer to both the Avocent® ACS800 and ACS8000 advanced console systems. Please refer to your installer/user guide for detailed instructions on updating either version of your system.

2 Appliance Firmware Version Information

Appliance/Product	Version	Filename
Avocent® ACS800 advanced console system	2.10.0	firmware-acs8-2.10.0.fl
Avocent® ACS8000 advanced console system	2.10.0	firmware-acs8-2.10.0.fl

3 Local Client Requirements

Software	Version
Internet Explorer	11
Edge	42
Firefox	69
Chrome	79
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 Features and Enhancements

- This release adds support for an internal cellular modem (North American models only). The cellular modem may be utilized as a primary network interface or may be used in failover mode.

- This release adds support for the Liebert® GXT5 UPS product family.

- This release upgrades strongSwan VPN to 5.8.2.

5 Issues Resolved

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

- Resolved an issue where Avocent® DSView™ management software SSH passthrough was not working with 2.8.0. [CAS-17243-Q6T2N6]

- Fixed an issue with the ServerTech PRO2 PDU running ServerTech version 8.0p or later. [CAS-21756-T3P9L4]

- Fixed a memory leak when using syslog. [CAS-14565-K2Z9R3 and CAS-03255-Y7M8Q1]

- Resolved an issue where the HTML5 viewer session would not start with a complex password. [CAS-22301-W2Z8M0]

- Added a fix for serial compatibility with Raritan PX G2 3.5 firmware.

6   Known Issues

- Do not use /mnt/hdCnf for storing files; filling this location may cause issues with the appliance. Files should be stored in the /mnt/hdUser partition instead.

- When using IE11 or Firefox, if users leave a page without saving changes, they are presented with a dialog box allowing them to check a box to prevent future dialog boxes. If users check that box, they will no longer receive informative dialog boxes.

- Users are advised to update their passwords in order to benefit from security improvements contained within this release.

- SNMPv3 traps are sent in the clear (unencrypted) regardless of configuration settings.

- Users must toggle IPsec on/off for changes made to the established IPsec tunnel to take effect.

- The NTP client will not accept an update from an NTP server using its local clock as the clock source if reported timing parameters are outside the allowed range.

- The Avocent® ACS console system uses reverse path filtering configured in STRICT mode, which means the console system will drop packets when the receiving packet source address is not routable through that interface.

- If sensors are used in conjunction with a PDU, it is recommended to connect the sensors to the PDU before the PDU is discovered by the Avocent® ACS console system.

- When restoring a configuration that was saved as a CLI script, the restoration may take longer if PDUs are a part of the configuration.

- The Ethernet interfaces are set to Auto-Negotiation. This supports copper for 10 Mbps, 100 Mbps or 1000 Mbps based on the speed of the connection to the other end. This supports 1000 Mbps for a fiber connection.

- EAP authentication only works with Windows XP.

- If a user is removed from all groups, that user will automatically inherit the access rights of the built-in USER group. For strict security, make sure the built-in "user" group has no permissions set. Then, create custom groups for any user-group permissions needed. This ensures that when a user is removed from all groups, the user does not get any added permissions from belonging to the default "user" group.

- HTTPS sometimes has issues with Firefox where a certificate will not load, or loading takes a long time. This can be corrected in the Firefox Help menu by selecting *Troubleshooting Information*, then *Refresh Firefox* (top-right of the page). This should clean up the Firefox certificates.

7 Compatibility Matrix

AVOCENT® ACS ADVANCED CONSOLE SYSTEM VERSION	AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE PLUG-IN VERSION	AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE VERSION
2.8.0	2.4.0.1	4.5 SP7, 4.5 SP8, 4.5 SP9, 4.5 SP10, 4.5 SP11 and 4.5 SP12