Vertiv™ ACS8xxx Advanced Console System

Release Notes

VERSION 2.12.4, SEPTEMBER 24, 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	2.12.4	firmware-acs8-2.12.4.fl
Avocent® ACS8000 advanced console system	2.12.4	firmware-acs8-2.12.4.fl

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. [CAS-28175-H1N5L4]

- Added support for modem configuration in the Vertiv™ ACS advanced console system MIB.

- Added support for resetting serial port statistics (including RxBytes, TxBytes and so on) in the Vertiv™ ACS advanced console system MIB.

- Updated the REST API to support new parameters for configuring the integrated cellular modem and added support for strict mode settings for IPSec ciphers.

- Implemented a fix to avoid restarting the snmpd process when the serial profile is modified. This allows the serial port configuration to be modified via SNMP and speed up CLI restore.

- Added additional measures to monitor and restart the uicontrold process.

- Enhanced the dbgmon.sh script to show the current status of the inter-process communication facilities (message queues, shared memory, semaphores).

- Updated the vim editor (a text editor built into the Vertiv™ ACS advanced console system environment) so that it now saves changes to "crontab -e".

- Added a fix in the REST API and SNMP for displaying an "In session" status for the cellular modem SIM PIN status.

- Added a fix for serial support of ServerTech PRO2 PDU models without POPS (outlets are switched only).

5. 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.

6. Compatibility Matrix

AVOCENT® ACS ADVANCED CONSOLE SYSTEM VERSION	AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE PLUG-IN VERSION	AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE VERSION
2.12.4	2.4.0.1	4.5 SP7, 4.5 SP8, 4.5 SP9, 4.5 SP10, 4.5 SP11 and 4.5 SP12