VERTIV™

Avocent® ACS8xxx Advanced Console System
Release Notes

VERSION 2.8.0, OCTOBER 1, 2019

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	2.8.0	firmware-acs8-2.8.0.fl
Avocent® ACS8000 advanced console system	2.8.0	firmware-acs8-2.8.0.fl

3 Local Client Requirements

Software	Version
Internet Explorer	11
Edge	42
Firefox	68
Chrome	76
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

- Updated to support new California password laws:

  o The default user is "admin" and there is no default password. When you log in to the ACS console system (via any interface) as admin for the first time, you will be required to create a password.

  o The user "root" will be disabled by default; however, the user "admin" has the capability of enabling user "root".

  o New users are enabled by default; however, the "admin" user may enable the "User must change password at next login" checkbox.

  o The Use Legacy Password Scheme checkbox controls how the ACS console system sets the passwords after a factory default. If the checkbox is selected, usernames/passwords default to "admin"/"avocent" and "root"/"linux". If the checkbox is not selected, root is disabled and "admin" starts without a password.

- Improved Ansible support with the addition of Python libraries and improvements to the bash login shell.

- Modified mapping of USB serial consoles to port numbers, providing consistent port numbers maintained through a reboot. The port number can also be specified by the administrator.

- Added support for USB serial console devices to be unplugged, then plugged back in to the SAME USB port without interrupting any open serial sessions.

- Added caller ID support:

  o Caller ID information is logged with each received call and reports if the call is accepted or blocked. New events indicate call acceptance or blocking.

  o Caller ID filtering is supported (filtering/ blocking incoming calls based on Caller ID).

  o A new web page supports Caller ID monitoring and shows the last 20 calls.

  o Internal modem line voltage is now monitored and new events are generated when the voltage changes.

  o Dial-in access rights are added for both users and groups.

5 Issues Resolved

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

- SACK Panic CVE. [CAS-08121-G4N3D3]

- Changed CLI timeout to six minutes to allow for longer and more complicated CLI configuration to be retrieved. [487234-861284889]

- Added support for 1-wire sensors in the ACS [console system] MIB. [CAS-05645-J0M5D2]

- Increased the timeout for the response from the Avocent® DSView™ management software for Authentication from two minutes to four minutes. [CAS-05773-W5L2Z5]

- Fixed a problem with USB serial console support on a Cisco ASR920 router. [CAS-07849-L1M8K3]

- Increased the maximum allowable LDAP Base server name from 100 to 250 characters. [CAS-09260-F9X3W3]

- Added security updates and improvements.

- Improved support for Geist Power Distribution Unit (PDU) sensors and outlet relay issues.

- Fixed a problem with restore configuration where the remote FTP server password contained special characters.

- Addressed an issue where a blank page was displayed when attempting to access the web user interface using version 58 of the Firefox web browser.

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.

- A reboot is required after enabling or disabling Bonding.

- 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.

- The format of the sendmsg command is "sendmsg username message".

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