

Vertiv™ ACS8xxx Advanced Console System

Release Notes

VERSION 2.16.4, SEPTEMBER 2021

Release Notes Section Outline

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1. Update Instructions

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

IMPORTANT NOTE: This version must be upgraded from version 2.4.2 or later. Appliances with version 2.0.3 or earlier must upgrade to version 2.12.4 before upgrading 2.16.4.

2. Appliance Firmware Version Information

APPLIANCE/PRODUCT	VERSION	FILENAME
Vertiv™ Avocent® ACS800 advanced console system	2.16.4	firmware-acs8-2.16.4.fl
Vertiv™ Avocent® ACS8000 advanced console system	2.16.4	firmware-acs8-2.16.4.fl

3. Local Client Requirements

SOFTWARE	VERSION
Edge	91
Firefox	89
Chrome	91
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:

- Fixed error when saving USB console rights. [CAS-42616-H6T8S7]
- Corrected an issue with running out of shared memory when sessions are connected and disconnected quickly. Some security scanners do this as part of their scanning procedure. [CAS-35287-W3Z1G4, CAS-37309-F7Z]
- Added support for power outlets on the Eaton ESWH28 PDU. [CAS-41148-C4Z5W7]

5. Known Issues

- In the default Security Profile, TLS 1.1 is enabled; users may disable it on the Security Profile page. In a future release, TLS 1.1 will be removed from the default Security Profile.
- 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 Vertiv™ 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 Vertiv™ 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

VERTIV™ AVOCENT® ACS ADVANCED CONSOLE SYSTEM VERSION	VERTIV™ AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE PLUG-IN VERSION	VERTIV™ AVOCENT® DSVIEW™ MANAGEMENT SOFTWARE VERSION
2.16.4	2.16.0.9	4.5 SP7, 4.5 SP8, 4.5 SP9, 4.5 SP10, 4.5 SP11, 4.5 SP12 and 4.5 SP13