

# VERTIV™

## Avocent® ACS6000 Advanced Console Server Release Notes

**VERSION 3.7.0.6, APRIL 20, 2018**

### Release Notes Section Outline

- 1 Update Instructions
- 2 Appliance Firmware Version Information
- 3 Local Client Requirements
- 4 Features and Enhancements
- 5 Appliance Support Issues Addressed in this Release
- 6 Security Issues Resolved
- 7 Known Issues
- 8 Compatibility Matrix

### 1 Update Instructions

These release notes refer to the Avocent® ACS6000 advanced console server. Please refer to your installer/user guide for detailed instructions on updating the Avocent® ACS advanced console server.

**IMPORTANT NOTE:** This version should be upgraded from version 2.5.0.11 or newer. Appliances with earlier versions should be upgraded to version 2.5.0.11 before the upgrade to version 3.7.x.x or later.

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

ACS6000 console server firmware version 3.7.0 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
Avocent® ACS6000 Advanced Console Server	3.7.0.6	avolmage_avctacs_3.7.0.6.zip avolmage_avctacs_3.7.0.6.zip.md5.txt

### 3 Local Client Requirements

SOFTWARE	VERSION
Internet Explorer	11
Edge	Use latest version available

SOFTWARE	VERSION
Chrome	Use latest version available
Firefox	Use latest version available
Safari	8

To access the console port with the 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 upgrades the Linux kernel to the latest and most stable version of the 3.16 Linux version tree. This version includes fixes for several CVEs.
- The following issues were resolved:
  - The DHCP server now changes the appliance hostname via DHCP option 12
  - Pool of ports now works for Telnet and Raw Mode
  - Issues were fixed in the ts\_menu and the Multi-Session Menu
  - An issue is resolved where serial ports previously showed DISABLED after an XML restore
  - A firmware upgrade memory issue is now improved

#### 5 Appliance Support Issues Addressed in this Release

ISSUE RESOLVED	DESCRIPTION
487234-762553983	Avocent® DSView™ management software (SP7) issue where ACS advanced console server appliances are losing target device names
487234-529416475	Missing fields after applying configuration templates
487234-725158711	SSH is returning wrong return value when connecting to the ACS console server
487234-745664055 487234-779121482 487234-801617117	SNMPv3 memory leak
487234-685927319	Fixed issue with saveconf saving configuration to a TFTP server
487234-742466146	Fixed callback issue with USB modems
487234-698773004	Corrected a problem with serial session logging data to the DSView management software
487234-803329837	Fixed multi-user sharing showing an incorrect error message
487234-787610715	The LLDP service was not getting restarted on bootup

## 6 Security Issues Resolved

The following list of issues were resolved to improve product security, upgrade OpenSSH and upgrade OpenSSL:

- 487234-652191202
- 487234-620170774
- 487234-475495159
- 487234-556092453
- 487234-561659038
- 487234-578228144
- 487234-745672307
- 487234-709545909
- 487234-722662666
- 487234-782741021
- 487234-766571596

## 7 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 will clean 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.
- Network bonding is not available when Multi-Route or Failover options are selected.

## 8 Compatibility Matrix

AVOCENT® ACS ADVANCED CONSOLE SERVER VERSION	DSVIEW™ MANAGEMENT SOFTWARE PLUG-IN VERSION	DSVIEW™ MANAGEMENT SOFTWARE VERSION
3.7.0.6	3.7.0.5	4.5 SP7, 4.5 SP8