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# Avocent® ACS 5000 Advanced Console Server

## Release Notes

### Version 3.3.0-18

### September 22, 2016

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This document outlines:

1. Update Instructions
2. Appliance Firmware Version Information
3. Features/Enhancements
4. Bug Fixes
5. Configuration Details
6. Known Issues

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## 1. Update Instructions

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**NOTE:** Please refer to the Avocent® ACS Installation/Administration/User Guide for detailed instructions on updating the ACS console server to version 3.3.0-18.

In order to have all features listed in this release available through the Avocent® DSView™ management software, the latest versions of DSView™ software components are required.

DSView™ Software	DSView™ Software Version	Plug-in Version
DSView™ version 4 software	4.5.0.305	3.3.7

An appliance firmware package to upgrade from DSView™ software is also available.

After ACS 5000 console server firmware has been upgraded to version 3.3.0-18, it is mandatory that the Web browser cache of any system which intends to be connected to the ACS 5000 console server Web interface is cleaned up. To do this, press **Ctrl-F5** from the browser.

Avocent® ACS 5000 console server firmware version 3.3.0-18 provides an internal mechanism which preserves existing configuration when upgrading from firmware versions 1.0.2 and later. However, it is strongly recommended that you back-up system configuration before the firmware version is upgraded.

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## 2. Appliance Firmware Version Information

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Appliance/Product	Firmware Type	Version	Filename
Avocent® ACS 5000 Console Server	Opcode	V_3.3.0-18	zImage_acs5k_330-18_AB_160527.bin.zip zImage_acs5k_330-18_AB_160527.bin.zip.md5
Avocent® ACS 5000 Console Server	DSView software package	V_3.3.0-18	acs5k_v330-18_2016-05-27.pkg.zip acs5k_v330-18_2016-05-27.pkg.zip.md5

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### 3. Features/Enhancements

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**NOTE:** Please refer to the Avocent® ACS 5000 Installation/Administration/User Guide and/or Command Reference Guide for details about features supported by the ACS 5000 console server version 3.3.0.

Upgrades included in ACS 5000 console server version 3.3.0-18:

- ADSAP2 removes RC4 weak cipher suite in ADSAP2 package to address the issue that the ACS 5000 console server failed to enroll in the Avocent® DSView™ management software version 4.5.0.263 (or later) using Java 8.

Upgrades included in ACS 5000 console server version 3.3.0-17:

- Openssl version 1.0.1l that contains fixes for CVE-2014-3566 is upgraded to address the POODLE vulnerability.

Upgrade included in ACS 5000 console server version 3.3.0-16:

- Bash version 2.0.5b (patches 001-013) has fixes for the following: CVE-2014-6271, CVE-2014-7169, CVE-2014-7186, CVE-2014-7187, CVE-2014-6277, CVE-2014-6278

Major features of the ACS 5000 console sever version 3.3.0-9 include:

- Appliance's serial number can be retrieved by SNMP query. New CYCLADES-ACS5000-MIB.ASN file has the description of this OID.
- The configuration of Polling Rate is by serial port configured as Power Management instead of by PDU. The unit of polling rate is now seconds.
- Linux Kernel applied patches that fix the following security issues: CVE-2011-0726, CVE-2011-1171, CVE-2011-1172, CVE-2011-1182 and CVE-2011-1593.

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### 4. Bug Fixes

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Patch release version 3.3.0-13 bug fixes include:

- ADSAP2 works without memory leak in IPv6 networks (L3-65675139)
- ts\_menu and Serial Viewer get the ssh port from the security profile to establish connection with serial target (L3-65702750).

Patch release version 3.3.0-10 bug fixes include:

- Configuration upgrade from 3.3.0-5 or earlier version updates Power Mgmt configuration file (/etc/pmd.conf) without error (L3-65642621)

Version 3.3.0-9 bug fixes include:

- New mechanism tries to recover chain of the Avocent® Power Management Power Distribution Unit (PM PDU) with 1.9.4 version (L365613042).

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## 5. Configuration Details

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Please note the following configuration details for release 3.3.0-17:

- It is necessary to edit the /etc/ssl\_version.conf file to configure the SSL version and cipher level.
- Default configuration settings for /etc/ssl\_version.conf are as follows:
  - a. TLS version: default = tls1\_2
  - b. SSL cipher list (SSLCIPHER): default = DEFAULT (the default openssl cipher list)
- Configuration syntax:

SSLVER=<TLSv>

SSLCIPHER=<level>

Where:

<TLSv> - TLS version:

- .. tls1 – TLSv1.0 (TLS version 1.0)
- .. tls1\_1 – TLSv1.1 (TLS version 1.1)
- .. tls1\_2 – TLSv1.2 (TLS version 1.2)

<level> - level of the ciphers:

- .. DEFAULT
  - .. HIGH
  - .. MEDIUM
  - .. LOW
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## 6. Known Issues

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- Remote authentication from Tacacs+ server fails when Tacacs+ version is set to V0.
- Remote Authentication fails when Kerberos is selected as the Authentication Type.

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