
Avocent® ACS 6000 Advanced Console Server Plug-in for DSView™ Management Software

Version 3.0.0.6

July 28, 2014

This document outlines:

1. Update Instructions
 2. Language Support Information
 3. Enhancements
 4. TCP Port Information for Communication with the ACS 6000 Console Server
-

1. Update Instructions

IMPORTANT NOTES:

- Avocent® ACS 6000 console server plug-in version 3.0.0.6 requires DSView™ 4 management software version 4.1.0.141 or later.
 - It is recommended to upgrade the ACS 6000 console server firmware to version 3.0.0.11.
-

2. Language Support Information

The following languages are supported by ACS 6000 console server plug-in version 3.0.0.6:

- English
- Japanese
- Simplified Chinese

Product	Software Type	Version	File Name	Part #
ACS 6000 console server	ACS 6000 console server plug-in for DSView™ software	3.0.0.6	SW0142-020.jar	SW0142-020

3. Enhancements

Please refer to the ACS 6000 Installation/Administrator/User Guide for details about features supported by Avocent® ACS 6000 console server version 3.0.0.

Below are enhancements of the ACS 6000 console server version 3.0.0.6 that will be available from the DSView™ software via the ACS 6000 console server plug-in 3.0.0.6:

- Renew IP address on link down/up event. It will send DHCP renew request on link down/up event detected by Linux Kernel in network interfaces.
 - Support fourth Generation Wireless Modem:
-

- Devices
 - Huawei – model E368 USB Connect Force 4G
 - ZTE – model MF662 USB Modem (APAC - 21.6Mbps)
- Profiles: network (wwan0 interface) or dial-in/dial-out (Huawei - ttyUSB0 and ZTE – ttyUSB2)
- WWAN Profiles: always ON, schedule connect/disconnect or manual ON/OFF
- Emerson Network Power MPH2 appliances as well as MPX/MPH units with RPC2 cards installed are supported via serial port.
- Emerson Network Power MPH2 appliances as well as MPX/MPH units with RPC2 cards installed and Avocent Power Management Power Distribution Units (PDUs) are partially supported via network using SNMP commands.
- Enhancements in Security Profile:
 - SSH allows authentication via username/password ('Challenge Response Authentication' is enabled)
 - SSH minimum cipher and mac level: low and high.
 - Low: allow all ciphers and macs supported by SSH
 - High: allow only ciphers: aes128-ctr, aes192-ctr, aes256-ctr, arcfour-128 and arcfour-256; and only macs: RIPE_MD-160 and umac-64
 - SSH minimum cipher and mac level is high in Secure Profile

4. TCP Port Information for Communication with the ACS 6000 Console Server

The following appliance ports can accept connections from DSView™ software:

- TCP port 3502 (https)
- TCP port 3871 (adsap2)
- UDP port 3211 (aidp)
- TCP port 22 (sshd)

Additionally, these are the ports in the DSView™ software that can accept connections from appliance:

- TCP port 4122 (default, it can be changed – SSH Server)
- TCP port 4514 (default, it can be changed – Data Logging or Syslog Server)

Emerson and Emerson Network Power are trademarks or service marks of Emerson Electric Co. Avocent and DSView are trademarks or service marks of Avocent Corporation. All other marks are the intellectual property of their respective owners. This document may contain confidential and/or proprietary information of Avocent Corporation, and its receipt or possession does not convey any right to reproduce, disclose its contents, or to manufacture or sell anything that it may describe. Reproduction, disclosure, or use without specific authorization from Avocent Corporation is strictly prohibited. ©2014 Avocent Corporation. All rights reserved.