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**Avocent® ACS 6000 Advanced Console Server Plug-in for  
DSView™ Management Software  
Version 3.0.0.7  
February 25, 2015**

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This document outlines:

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

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### IMPORTANT NOTES:

- Avocent® ACS 6000 console server plug-in version 3.0.0.7 requires DSView™ 4.5 management software version 4.1.2.0 or later.
  - It is recommended to upgrade the ACS 6000 console server firmware to version 3.0.0.11.
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## 2. Language Support Information

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The following languages are supported by ACS 6000 console server plug-in version 3.0.0.7:

- English
- Japanese
- Simplified Chinese

Product	Software Type	Version	File Name	Part #
ACS 6000 console server	ACS 6000 console server plug-in for DSView™ software	3.0.0.7	SW0275-001.JAR	SW0275-001

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## 3. Enhancements

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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 3.0.0.7:

- 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:
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- 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

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

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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)

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