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

Version 3.1.0.4

**April 10, 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 3.1.0.4 requires DSView™ 4.5 management software version 4.5.0.123 or later.
  - It is recommended to upgrade the ACS 6000 console server firmware to version 3.1.0.8.
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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 3.1.0.4

- English
- Japanese
- Simplified Chinese

| Product                 | Software Type                                        | Version | File Name                         |
|-------------------------|------------------------------------------------------|---------|-----------------------------------|
| ACS 6000 console server | ACS 6000 console server plug-in for DSView™ software | 3.1.0.4 | plugin_ACS6000_3.1.0.4_150310.jar |

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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 3.1.0.

Below are enhancements of the ACS 6000 console server version 3.1.0.4 that will be available from the DSView™ software via the ACS 6000 console server plug-in 3.1.0.4:

- Supports Multiple Session Menu functionality similar to one supported by the ACS 5000 console server.

- Supports Zero-touch Provisioning that automates the process of upgrading the firmware to an approved version and sets configuration on the ACS 6000 console server that is being deployed in the network.
  - The ACS 6000 console server will send the “Avocent-ACS6000-XXXXX” string in the DHCP Request as the vendor class identifier (option 60) where XXXXX is the appliance serial number.
- Supports configuration of Primary Network Interface. Customer will be able to select the primary network interface that will define the system default gateway and system DNS servers.
- Supports Network Failover that allows administrator to configure a secondary network interface that will take over when the primary network interface is not available.
- Supports fourth Generation Wireless Modems:
  - Devices:
    - NetGear – model 313U
    - Pantech – model UML295
- Supports Clear IP Change Token operation that would prevent the appliance from sending IP change request to the DSView™ management software server or the Rack Power Manager software.
- Supports Sync IP Change token operation that allows firmware upgraded via the Web user interface (UI) to obtain token used for IP Change update.
- Enhancements in Security Profile:
  - Allows customer to select TLS version 1.1 and/or 1.2. SSL version 2 and SSL version 3 are not supported.
 

**NOTE:** TLS 1.0 is always supported since it is required for DSView™ software integration.
  - Allows customer to select *SFTP* or *SCP* to upload and download files via the UI.
    - Upload: “Save Configuration”
    - Download: “Firmware Upgrade”, “Restore Configuration”, “X.509 Certificates”, “Rack PDU Firmware Upgrade”

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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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