Vertiv™ Avocent® IPSL IP Serial Device

Release Notes

VERSION 3.0.1, NOVEMBER 2026

Release Notes Section Outline

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1. Update Instructions

The Vertiv™ Avocent® IPSL IP serial device firmware may be updated through its web User Interface (UI). To access the Vertiv™ Avocent® IPSL IP serial device web UI, enter your assigned IP address into a web browser (this IP address is provided upon initial set up of the serial device).

NOTE: For additional information on this process, see the Vertiv™ Avocent® IPSL IP Serial Device Quick Installation Guide that is provided with the product and also available at Vertiv™ Avocent® IPSL IP Serial Device under the *Documents & Downloads* tab.

To update the serial device firmware:

1. Visit the Vertiv™ Avocent® IPSL IP serial device firmware download page. To navigate to the firmware download page, go to the product page (Vertiv™ Avocent® IPSL Serial Device), click the *Documents & Downloads* tab, then click *Vertiv™ Avocent® IPSL Software Downloads* under the Software heading.
2. Download the latest firmware and save it to your local computer, FTP, HTTP, HTTPS, or TFTP server.
   NOTE: The latest firmware version is listed in the Device Firmware Version Information section of these release notes.
3. In a web browser, enter **https://**<appliance.IP> using the serial device's IP address.
4. Enter your username and password at the login screen; the Dashboard screen opens.
5. From the left-hand sidebar, click the *Firmware – Firmware Management* tab.
6. To update the primary firmware, click the orange *Update* button in the Primary firmware section.

   -or-

   To update the failover firmware, click the orange *Update* button in the Failover firmware section.
7. Choose one of the three following options for updating the firmware:
   - Copy the tftp file path and paste it in the TFTP Path field.
   - Click on *Image Upload* to drag and drop your file/folder.
   - Browse to and choose the file for updating firmware.
8. Click *Start Update*.

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2. Device Firmware Version Information

DEVICE/PRODUCT	VERSION	FILENAME
Vertiv™ Avocent® IPSL IP serial device	3.0.1	ipsl_3.0.1.static.mtd.tar

3. General Features Overview

For detailed instructions on using the Vertiv™ Avocent® IPSL IP Serial Device or managing it with the Vertiv™ Avocent® MP1000 Management Platform or the Vertiv™ Avocent® RM1048P Rack Manager, see the user documentation for the applicable product. The IPSL can operate as a standalone device or in a managed configuration with these appliances. To access the documentation, go to the respective product page and select *Documents & Downloads*.

NOTE: If you need additional assistance, please contact your Vertiv Technical Support representative.

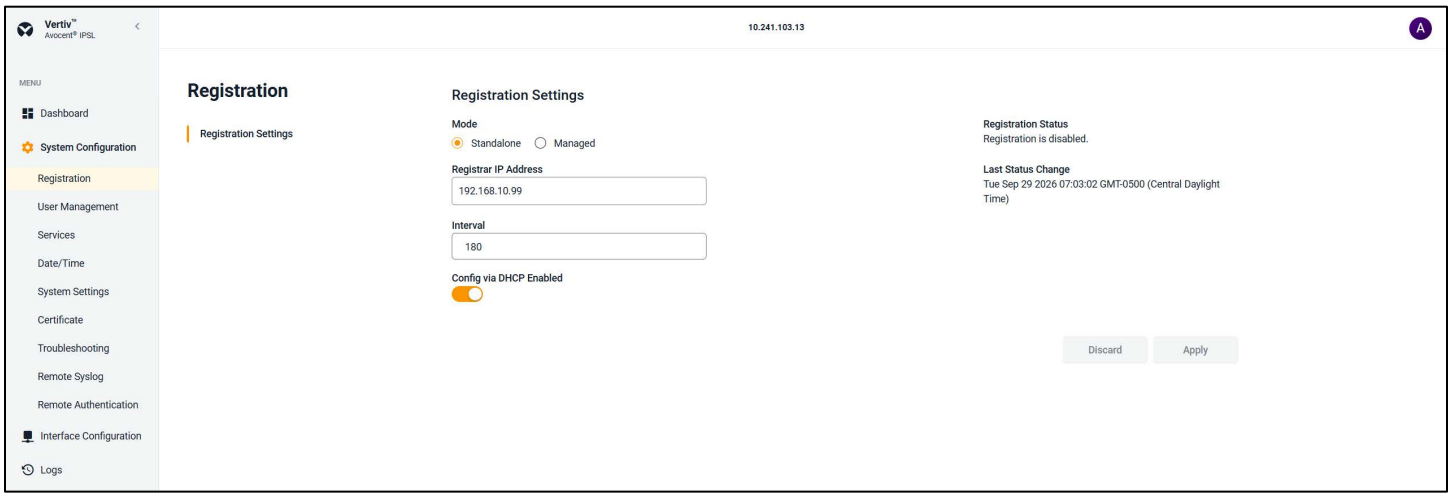
Choose Your Configuration Mode

The Vertiv™ Avocent® IPSL IP serial device allows you to choose which configuration you would like to use for your device:

- Choosing Managed mode allows you to operate your device through the Vertiv™ Avocent® MP1000 Management Platform or Vertiv™ Avocent® RM1048P Rack Manager. By default, Managed mode is selected.
- Choosing Standalone mode allows you to operate your device through the Vertiv™ Avocent® IPSL IP serial device built-in web UI.

To change your mode option within the Vertiv™ Avocent® IPSL IP serial device web UI:

1. In a web browser, enter **https://ipsl-**<macaddr-LAN1>.local, where macaddr-LAN1 is the MAC1 listing on the sticker of the serial device (for example: https://ipsl-12a4dc3255b0.local).
   NOTE: If the hostname is not found, you may use this predefined IP address instead: https://169.254.0.10.
2. Enter your Vertiv™ Avocent® IPSL IP serial device username and password at the login screen, then select *System Configuration - Registration*.
3. Under the Mode heading within the Registration Settings, click either the Standalone or Managed option.



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Features and Enhancements

The following features and enhancements are available with this release of the Vertiv™ Avocent® IPSL IP serial device:

- Certificate:
  - Altered the Subject Alternative Name configuration in the Generate CSR dialog to insert in the Extension field of the CSR instead of the Subject to align with industry best practice.
  - Added support for chained certificate upload.
  - Added support for RSA key size selection in the Generate CSR dialog.
  - Added support for key algorithm selection in the Generate CSR dialog.
- Web UI:
  - Rearranged pages and renamed tabs for more intuitive use.
  - Enhanced Firmware Update status monitoring for readability and aligned the user experience of other web UI sessions monitoring the update to be identical to what the session that initiated the update shows.
- Added local character echo support to the Serial Viewer for viewing user input when the target device does not support echoing input.
- Added Redfish specification version 1.22.1 compliance.
- Added support for automatic system time adjustment for daylight saving time.

4. Client Browser Support Information

NOTE: Unless noted otherwise, both 32-bit and 64-bit browsers are supported.

BROWSER	PREFERRED VERSION	SUPPORTED VERSIONS
Edge	157	79+
Firefox	159	35+
Chrome	157	40+
Safari	27.2	12+

5. Viewer Support and Version Information

Supported Viewers

VIEWER	VERSION
Serial Viewer	4.31.1

6. Known Issues and Limitations

- Does not support Microsoft Internet Explorer.
- Does not support HTTP access to the device web UI or REST API.
- Makes Network Speed, Auto Negotiation, and Duplex Mode read-only on the *Interface Configuration - Network* page.

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7. Resolved Issues

- Updated the self-signed server certificate for the web UI to be automatically generated on first boot or after a factory reset to avoid out-of-date default certificates.
- Modified the property name from Timeout to Session Inactivity Timeout for clarity in the *System Configuration - System Settings* page.
- Updated the Maximum Password Length to 20 characters regardless of the Password Policy Enabled setting.
- Enhanced the firmware failover detection to ensure the device boots into the failover firmware in a specific primary boot failure scenario.
- Fixed an issue that caused a failover firmware update operation to update the primary firmware instead.

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