

# Vertiv™ Avocent® IPSL IP Serial Device

## Release Notes

VERSION 2.0.3, MAY 2024

### Release Notes Section Outline

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**NOTE: At this time, the former Vertiv™ Avocent® ADX platform is transitioning into the Vertiv™ Avocent® DSView™ solution. During this transition, there may temporarily still be references to “ADX” within product-related features and documentation.**

### 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 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 Inventory* 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*.

## 2. Device Firmware Version Information

DEVICE/PRODUCT	VERSION	FILENAME
Vertiv™ Avocent® IP SL IP serial device	2.0.3	ipsl_2.0.3_static.mtd.tar

## 3. General Features Overview

For more information and detailed instructions on using the Vertiv™ Avocent® IP SL IP serial device and also optionally managing it with the Vertiv™ Avocent® RM1048P Rack Manager, visit [Vertiv™ Avocent® IP SL IP Serial Device](#) or [Vertiv™ Avocent® RM1048P Rack Manager](#) for accompanying user documentation. Select the *Documents & Downloads* tab from each link location to access documentation options.

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

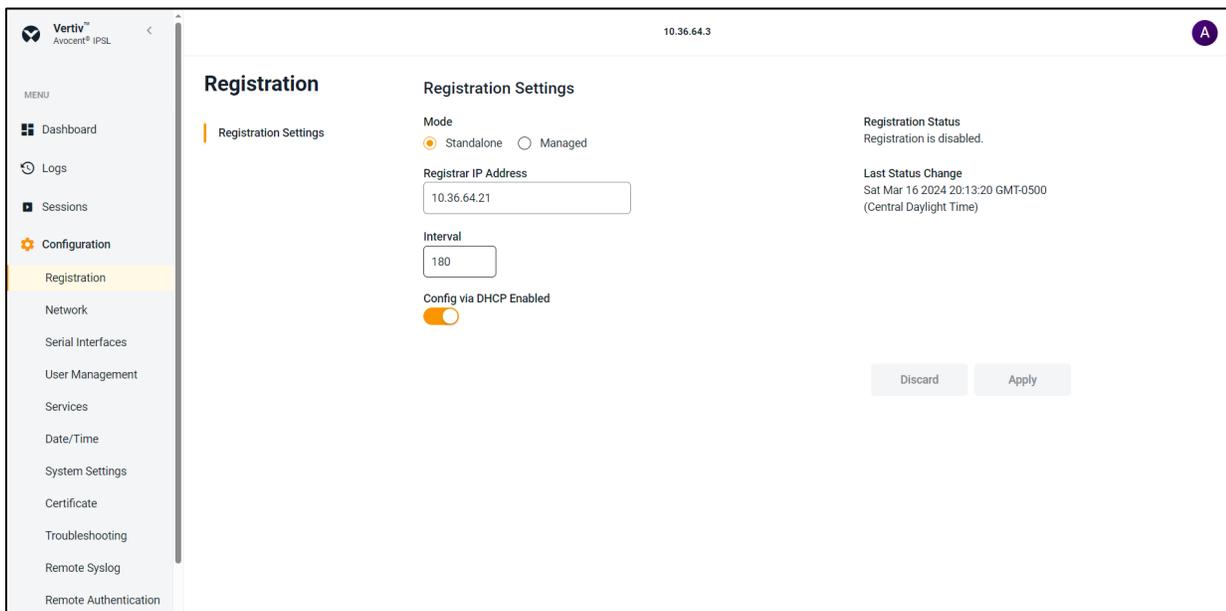
### Choose Your Configuration Mode

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

To change your mode option within the Vertiv™ Avocent® IP SL 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® IP SL IP serial device username and password at the login screen, then select *Configuration - Registration*.
3. Under the Mode heading within the Registration Settings, click either the Standalone or Managed option.



## Features and Enhancements

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

- Authentication:
  - Added TACACs and Radius to the list of supported Remote Authentication methods.
- Web UI:
  - Simplified the Registration page for easier use.
  - Added the Troubleshooting page, allowing users to run various network commands.
  - Added an Online Help link from which users can access product documentation within the web UI.
  - Implemented general improvements to the interface's appearance to match the other web UIs of the Vertiv™ Avocent® DSView™ Solution product family.

## 4. Client Browser Support Information

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

BROWSER	PREFERRED VERSION	SUPPORTED VERSIONS
Edge	124	79+
Firefox	125	35+
Chrome	124	40+
Safari	17	12+

## 5. Viewer Support and Version Information

### Supported Viewers

VIEWER	VERSION
Serial Viewer	4.13.1

## 6. Known Issues and Limitations

This release does not support Microsoft Internet Explorer.

## 7. Resolved Issues

- General issues resolved:
  - Fixed issue where multiple Network Time Protocol (NTP) server IP sequences were changed upon refresh, no longer matching the original order before the refresh.
- Certificate issues resolved:
  - Updated the self-signed server certificate for the web UI with a new expiration date of February 22, 2027.
  - Fixed issue where Text Validation for CSR Certificate generation was failing. Dot-period, hyphen characters are not allowed.