



How to set the IP address for a remote intelligent PDU

Article Overview

You can set the IP address of a remote intelligent PDU by accessing its configuration interface via a web browser or serial connection, then assigning a static IP, subnet mask, and gateway, and verifying connectivity.

Preparation

- o **Stable Network Connection:** Ensure a reliable wired or wireless connection to the PDU. Wired connections are preferred for initial setup .
- o **Default Credentials:** Locate the default username and password in the PDU manual. These are required for first-time access .
- o **Computer or Device:** Use a computer with a web browser or terminal software to connect to the PDU .

Accessing the PDU Interface

- o **Web Interface Method:** Open a browser and enter the PDU's default IP address. Log in using the default credentials .
- o **Serial Configuration Method:** Connect a workstation to the PDU using a DB9-to-RJ-45 cable. Launch terminal software (e.g., HyperTerminal), select the correct COM port, set baud rate to 115200, and log in with default credentials .

Configuring Network Settings

- o **Navigate to the Network Settings or Setup Network Information section** in the interface .
- o **Assign a Static IP Address:** Choose an IP that aligns with your network plan to avoid conflicts .
- o **Set Subnet Mask and Gateway:** Input the correct subnet mask and default gateway to enable communication with other devices .
- o **Optional DHCP:** Some PDUs allow enabling or disabling DHCP. Disable DHCP if you want a static IP .

Applying and Verifying

- o **Save and Apply Changes:** The PDU may restart briefly to implement the new settings .
- o **Verify Connectivity:** Ping the assigned IP from your computer to confirm network integration .
- o **Update Credentials:** For security, change the default username and password after setup .

Advanced Considerations

- o **Cascading PDUs:** Some models allow multiple PDUs to share a single IP using a cascading architecture, reducing the number of IP addresses required .
- o **Dual Ethernet Ports:** Certain PDUs support daisy-chaining via dual Ethernet ports, maintaining network connectivity even if one PDU loses power .



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o Monitoring and Alerts: After IP configuration, you can enable SNMP, web GUI, or API monitoring for real-time outlet control and power alerts . By following these steps, your intelligent PDU will be properly integrated into your network, ready for remote monitoring, management, and advanced power distribution control.

Use the menu buttons to look up the IP address of the device on the OLED display by selecting Setup > Network >

Instead, Raritan created a means to configure intelligent power strips (set the IP address, change time settings, set

Power to each IP controller is maintained even if one of the PDUs suffers a power loss, ensuring continuous network connectivity to

The IBM PDU Configuration Utility is integrated in the PDU and is used to configure the PDU settings, such as the IP

An intelligent power distribution unit (PDU) is a networked power supply for IT equipment in a server cabinet that provides real-time

PDU Network module The Eaton PDU Network module was designed with cybersecurity as an important consideration and offers

If you are connected to a network with a DHCP server, the PDU automatically receives an IP address and will display it on the OLED

The network connection automatically receives an IP address through the Dynamic Host Configuration Protocol (DHCP) if available

Contact your network administrator to obtain the IP address, subnet mask, and default gateway for the PDU. Use these three

5. GUI Control The 4-Port IP switched PDU SP7040200 can be controlled via TCP/IP. The default IP settings are: IP Address:

What is an intelligent PDU? Rick Gonedes April 11, 2018 An Intelligent Power Distribution Unit (iPDU) is a networked



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From the factory the PDU defaults to DHCP and HTTPS connection. If you are connected to a network with a DHCP server, the PDU

Simplify your IP controlled PDU setup with this step-by-step guide. Learn how to configure, secure, and optimize power management

Exchange server"s Routing properties, then adding the IMD PDU"s IP address as a domain which is permitted to relay mail through

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Web: <https://www.in-au.co.za>

