

Power IQ™ Version 1.5.1

These Release Notes contain important information regarding the release of this product, so please read them carefully. We strongly recommend you read the entire document and the related documentation available for this product.

Applicability: This firmware release is applicable for both the Power IQ virtual appliance and the hardware appliance.

Release Status: Power IQ Release 1.5.1 is General Availability (GA).

Existing Power IQ 1.4.0-14 & 1.4.1 Customers:

Release 1.5.1 requires a new install due the upgrade of the Linux® OS. Your 1.4.0-14 & 1.4.1-3 Configuration and Data can be backed-up and restored to the new 1.5.1 system. The upgrade package is provided at no charge for customers covered under the software maintenance agreement. You can start the process by sending an email to orders@raritan.com with the following information for license validation and creation:

- a. Power IQ administrator information
 - i. Full name
 - ii. Email address
 - iii. Company name
 - iv. Shipping address
- b. Proof of purchase of your Power IQ
 - i. Screenshot of your Appliance Information on your Power IQ Settings page
 - ii. Original PO number or copy of PO or associated invoice.
- c. Request one of the following two SKUs
 - i. PWIQ-UPGRADE-VA – For the VMware Virtual Appliance Upgrade License Key, DVD and Documentation.
 - ii. PWIQ-UPGRADE-E1 - For the Raritan Hardware Appliance License Key and Field Upgrade.

Please contact Raritan technical support if you have any questions or for upgrade support - <http://www.raritan.com/support/contact-support/>

Existing Power IQ 1.5.0 Customers:

Download the Power IQ 1.5.1 Software Upgrade Bin File from <http://www.raritan.com/support/power-iq/>. Release 1.5.1 can be installed via the Power IQ GUI. Click Settings Tab, Click Software Upgrades link, Browse For Bin file to upload. The package self installs.

Five Device Evaluation Versions – Cannot be upgraded to 1.5.1. You must download the new release and configure a new virtual appliance. You can back-up your 1.4 system and restore it to the 1.5.1 system. The new version can be found at <http://www.raritan.com/support/power-iq/>

Power IQ 1.5.1 contains the following improvements over 1.5:

- Firmware management, power control, outlet naming and standard polling data collection for Raritan PX2
- Ability to set user preference for number of PDUs to display in PDU lists.
- Power Control role now has permission to schedule power control tasks.
- SNMPWALK Tool

The following field reported items have been close in this release:

26223 – Restore from 1.4.x to 1.5 did not include PDU to parent object associations
25810 - Non-Raritan PDU voltage set under the default layer uses the single phase setting
25626 - Only allow one active restore process at a time
25548 - Last and past hour temperature graph does not show the lines
24592 - ServerTech PDU with 24 outlets only shows 16 outlets
25589 – PDU ODBC View does not have Proxy Index
25491 - ODBC settings saved in backup/restore
25464 - Analytics past year graph is off by one month
25455 – Users can be added to a group from the user information page
27141 – Polling stops

Power IQ 1.5.1 and PX compatibility:

- It is highly recommended that all PX firmware upgrades be performed via Power IQ. Please refer to the PX release notes for the valid upgrade paths.
- Power IQ requires firmware 1.3.5 or higher
- Does not support data buffering or bulk configuration for PX2

Browser Compatibility:

- Mozilla Firefox v2 & v3
- Internet Explorer v6, v7 & v8

Known Issues

- CR25524 – You should reboot Power IQ after making any changes to the network settings in the serial console including the initial installation. If you don't reboot, power control status messages issued in response to web service API power control commands might be delayed up to 5 minutes. If you notice this condition you can resolve by rebooting.
- CR2399 - Modify Chart Settings on one chart at a time. If you attempt to modify more than one chart at a time you might see a second line in the filtering section of the Chart Settings Form or Chart Settings might transfer between the Charts. Click the Analytics tab to clear.

Other Important Release Information:

1. Don't Change Data Storage Time Period Configuration from default settings until you confirm your settings with our Data Storage Capacity Calculation tool. Found at <http://www.raritan.com/support/power-iq/> - See the User Manual for more details.
2. Chart Settings – The “Data From” and the “Contained In” chart setting filters are related. The “Contained In” filter is a sub filter of the “Data From” filter and is an available filter when you select any item from the “Data From” filter except for “All”.
3. Database restore via the Admin GUI can only be used for back-ups of standard released GA versions – 1.4.0-14, 1.4.1-3 & 1.5.0-12
4. Sensor reading CSV zip files are not included in the back-up so if you use them you should copy them off your system before you migrate to 1.5.
5. Enabling the Network Time option in the serial console has no affect for VMware release versions of Power IQ. In this case, Power IQ will calibrate its time using the clock of the VMware platform. For accurate time-stamping, please configure your VMware platform to use NTP.
6. The Dashboard Analytic Chart and charts on the Analytic tab require an enterprise data model to be configured. A default one can be generated from the Enterprise Relationships page in the Settings tab or one can manually be configured from the Data Centers tab. Additionally one can be manually created in a CSV file to import into the system. Please consult the User's Guide for more information.
7. No Syslog messages are sent for enterprise data model object creation, modification, and deletion actions.
8. The quick search field only can be used to find a specific PDU by IP address.
9. Avocent and MRV PDUs require entry of a proxy index in the "add PDU form" to identify the individual PDU in the serial chain; if the PDU is not in a serial chain “1” should be used.
10. Power Control state updates immediately upon successful completion of power control operation. Active power and current values are updated upon completion of next polling interval and page refresh.
11. API consultation is a billable professional service – Order one VAS-PWIQ for each hour of consultation you would like to purchase.

***Release Notes: Power IQ 1.5.1
February 25, 2010***

Raritan, the Raritan logo, When you're ready to take control.™ are registered trademarks of Raritan, Inc. All other trademarks or company names are trademarks or registered trademarks of their respective companies.

This note is intended for Raritan customers only; its use, in whole or part, for any other purpose without the express written permission from Raritan, Inc. is prohibited.

Copyright 2010 Raritan, Inc. All rights reserve