Power IQ® Version 4.2.4

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.

Applicability:

This firmware release is applicable for both the Power IQ virtual appliance and the hardware appliance and we recommend all customers upgrade to this release due to security updates included.

Release Status:

Power IQ Release 4.2.4 is a General Availability (GA) release.

Very Important Notes:

- **dcTrack customers must upgrade to dcTrack 3.2 before they upgrade to Power IQ 4.2**

- **Power IQ release 4.0.x systems with LDAP configured must have a valid email address for each user account prior to upgrading to R4.2.0.**

- **This release adds a floor map and a rack threshold feature that will consume memory and CPU resources.   Please see the new recommended memory and CPU specifications below and upgrade your platform to meet the new specifications before you upgrade to release 4.2.   The rack threshold feature is disabled by default.   You can choose to enable it or disable it at any time**.

Number of PDUS	RAM (GB)	CPU (Cores)	Datastore (GB)	OS	VMWare
Up to 50	4	4	160 or more	CentOS 64-Bit	ESX/ESXi
51 to 100	8	4	160 or more	CentOS 64-Bit	ESX/ESXi
101 to 500	8	6	160 or more	CentOS 64-Bit	ESX/ESXi
501 to 1000	8	8	160 or more	CentOS 64-Bit	ESX/ESXi
1001 to 1500	16	8	160 or more	CentOS 64-Bit	ESX/ESXi
More than 1500	24	8	160 or more	CentOS 64-Bit	ESX/ESXi

Power IQ 4.2.4 contains the following improvements from release 4.2.0:

Dashboard Usability Improvements

Dashboard Pages

The Dashboard has the following changes:

1. The addition of the link bar. The link bar lists all pages side by side across the top. Once pages exceed the width of the browser page, a Right button appears to allow the user to view the list of remaining available dashboards. The selected dashboard page is indicated by having the name of that page in bold font, while all other pages are not in bold font.
2. Added a "Manage Dashboards" button and removed the binoculars icon to view all existing dashboards and edit. The user can add, rename, delete and view dashboard. This button opens the Dashboard Browser.
3. Added an "Add or Edit Widgets" button and removed the gear icon to edit the layout of the selected dashboard.

Dashboard Browser

The Dashboard Browser has the following changes:

1. Renamed dialog title to "Manage Dashboards"
2. Added a "Rename" button after Add in the toolbar.
3. Renamed "Remove" button to "Delete".
4. Added a column in the grid containing the icon commonly known as a drag handle, to highlight the fact that the rows can be re-arranged using drag and drop.
5. Removed the "view" link that appears on the row the user is hovering over.
6. Enable and Disable the buttons in the tool bar based on number of selected pages.
   a. No page is selected: Only Create button is enabled.
   b. One page is selected: All Buttons are enabled.
   c. More than one page is selected: Add, Delete and Play Slideshow is enabled, all others are disabled.

Dashboard Page Configuration Dialog

The changes for this dialog are as follows:

1. Renamed dialog title to "Dashboard Configuration"
2. Renamed the checkbox to "Share this Dashboard"

Power IQ 4.2.4 contains the following software updates based on customer reported items:

57804   Change Audit Log Retention to 4 months

Power IQ 4.2.4 Contains the Following Security Updates:

57803   Configured ODBC Security Settings

Existing Power IQ 4.0.0, 4.0.1, 4.0.2, 4.1.0, 4.1.2, 4.1.3, 4.2.0, 4.2.1 and 4.2.2 Customers:

The upgrade is free for customers with a valid software maintenance agreement. Download the Power IQ 4.2.4 software upgrade bin file named power-iq-v4.2.4.bin from http://www.raritan.com/support/power-iq/. The upgrade bin file can be installed via the Power IQ web client. In the Settings tab, click Software Upgrades, then click Browse to upload the upgrade bin file. Contact tech@raritan.com if you have any questions. Contact your reseller or sales@raritan.com to buy a contract if yours has expired.

Existing Power IQ 2.0.1, 2.1.0, 2.1.1 3.0.0, 3.0.1, 3.1, 3.1.1, 3.1.2 & 3.1.3 Customers:

Release 4.2.0 requires a new install due to the upgrade of CentOS and a change in the file structure. Your current Configuration and Data can be backed up (use an unencrypted back-up) and restored to the new 4.2.0 system. This upgrade should take less than 30 minutes. The upgrade is free for customers with a valid software maintenance agreement. Click http://www.raritan.com/support/power-iq/   Then login to the customer portal (at the top right of this support page) to gain access to the Release 4.2.0 upgrade material. Access is limited to customers covered by a valid software maintenance agreement. Contact customer service at customerservice@raritan.com if you have problems with login. Contact tech@raritan.com if you have any technical questions. Contact your reseller or sales@raritan.com to buy a contract if yours has expired.

Existing Customers with Releases Prior to 2.0.1:

Your system must first be upgraded to 2.0.1. Please see the release upgrade path - **http://www.raritan.com/support/power-iq/**. Then read the appropriate release notes. Contact **tech@raritan.com** if you have any questions.

Five Device Evaluation Versions

Cannot be upgraded. You must download the new release and configure a new virtual appliance. You can back-up your system and restore it to the new system.

Browser Compatibility:

- Chrome 35
- Mozilla Firefox v7 – v29
- Internet Explorer v8, v9 and v10
- Safari v7.0.4

PX Compatibility:

- PX1 – Release 1.3.5 or higher
- PX2 – Release 2.0 or higher

CC-SG Compatibility:

- Release 5.2, 5.3, 5.4 & 6.0 - Vendor Agnostic Power Control with Configuration Sync

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