Release Notes for Raritan PX Firmware Version 3.3.10

Version: PX 3.3.10 Build 43736 Release Notes, Version 5
Date: April 7, 2017

Effective: Immediately

Applicability:

This firmware release is for General Availability ("GA") on all existing Raritan PXE, PX2, PX3, PX3TS, BCM, BCM2, and EMX2 models

Release 3.3.10 General Guidelines:

The User Guides for PX Release 3.3.10 contains all enhancements and fixes which are listed below.

Some custom engineered models will not be supported by this release. Please check the **Not Supported in This Release** section below. Or, contact Raritan Support if you are unsure of the model number of your unit; it is typically viewable from the GUI *Device Information* page, and is printed on a label on the side of the PDU.

Please do NOT upgrade ANY other Raritan PX model(s) to PX 3.3.10 because the unit may have been built after this release entered System Test, and it may result in the unit becoming non-functional.

Please do NOT downgrade your new PX firmware based models to any prior release. Due to significant internal enhancements in Release 3.3.10, downgrade from Release 3.3.10 build 43736 to ANY prior release is NOT SUPPORTED. Please contact Raritan Support with any questions.

Caution: Only Power IQ releases 5.0 and higher are compatible with Release 3.3.10.

Release Status: General Availability (GA)

Release 3.3.10 contains all enhancements and fixes which are listed below:

1. New HTML5 interface (GUI)
2. New iX7 controller support [64233/64029]
3. Dual networking with Gigabit Ethernet [64026]
4. Ethernet cascading [64027/64028]
5. Power sharing [64183]
6. Mass deployment support for iX7 controller [66075]
7. Security: Update to openssl 1.0.2k [66064]
8. Security: Update to haserl 0.9.35 [66089]
9. Security: Addressed json-c vulnerability (CVE-2013-6371) [65672]
10. Security: Addressed PX2 multiple dropbear vulnerabilities (CVE-2016-7406/7407/7408/7409 [65199]
11. Security: Addressed SWEET32 vulnerability (CVE-2016-6329/2183) [66220]

12. BCM2: Export power data via CSV file [64860]
13. Bulk config file compatibility for similar models [65748]
14. NTP enabled by default (DHCP) [65802]
15. WLAN: Enable 802.11n via JSON, CLI and GUI [65785]
16. Configuration of DNS servers via CLI [66251]
17. Mobile device upload/download with PDView App [66276]
18. Manage Lua scripts in GUI [65464/65469]
19. Reset factory defaults added to GUI [66196]
20. Powered dry contact switching enhancement [65848]

Consult the PX 3.3.10 User Guides for more information on these firmware features:
https://www.raritan.com/support

Not Supported with PX Release 3.3.10:.

Except for some recent Engineered to Order (ETO) models, all units/models that can run PX firmware can be upgraded to this release.

Unsupported Accessory Configurations:

- AMS-M2-Z Hot Plugging – These asset management accessories cannot be hot plugged and doing so may result in a controller re-boot or the need to re-boot (power down) the entire PDU.

If you are unsure that your model is supported by this firmware, please contact Raritan Support
Upgrade Matrix (path for upgrades):

This release is intended for factory shipments and firmware upgrades on all of the following series/models: PXE, PX2, PX3, PX3TS, BCM, BCM2 and EMX2.

Raritan PX Downloads

The following supplemental files can be downloaded via the Raritan support site

https://www.raritan.com/support (please select the correct product):

- FW Releases and Release notes

- Product documentation and user guides

- SNMP MIBs

- Related tools and drivers

- JSON-RPC SDK

PX 3.3.10 Build 43736/ Release Notes, Revision V5 / April 7, 2017/ For Raritan Customers Only

Release Package Details:

The Release 3.3.10 package has the following components. It is a GA (General Availability) release, and will be posted on the Raritan website. Please note that the firmware file for the EMX2 model is different than the PXE, PX2, PX3, PX3TS, BCM and BCM2 models.

Release 3.3.10 Package components for PXE, PX2, PX3, PX3TS and BCM2:

- "PXReleaseNotes3_3_10v5" (this file)
- A firmware release (binary): pdu-px2-030310-43736.bin

Release 3.3.10 Package Components for EMX2:

- PXReleaseNotes3_3_10v5" (this file)
- A firmware release (binary): emx-ecx-030310-43736.bin

General Upgrade Instructions (standalone upgrade from the browser based user interface):

- Enable JavaScript in your browser before logging into the unit to start the upgrade process.
- Follow instructions in the User Guide. Please read the entire upgrade instructions before starting an upgrade.
- **If you have any questions, or cannot follow the instructions in the User Guide, please STOP and contact Raritan Technical Support for further instructions.**