



Firmware for PT-7528 Series Release Notes

Version: v5.0	Build: Build_22031411
Release Date: May 03, 2022	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Added support for 100M SFP.
- Added support Micron flash and Macronix flash.
- Added support for TLSv1.2.

Bugs Fixed

- The system incorrectly reads the fiber module name.

Changes

- Removed support for TLSv1.0 and TLSv1.1.

Notes

- When upgrading firmware via the web user interface, the SNMP, LLDP, and NTP functions will be automatically disabled. Once the firmware is successfully installed and the system has rebooted, these functions will be automatically re-enabled.
- Product hardware versions (PT-7528-TX rev. v3.0.0 and later; PT-7528-FX rev. v2.0.0 and later) are only compatible with firmware version v5.0 and later. Older product hardware versions (PT-7528-TX v2.0.1 and before; PT-7528-FX v1.0.1 and before) are compatible with all firmware versions.

Version: v4.0	Build: Build_17113010
Release Date: Dec 29, 2017	

Applicable Products

PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-24TX-WV-WV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-12TX-4GSFP-HV, PT-7528-12MST-12TX-4GSFP-HV-HV, PT-7528-12MST-12TX-4GSFP-WV, PT-7528-12MST-12TX-4GSFP-WV-WV, PT-7528-16MSC-8TX-4GSFP-HV, PT-7528-16MSC-8TX-4GSFP-HV-HV, PT-7528-16MSC-8TX-4GSFP-WV, PT-7528-16MSC-8TX-4GSFP-WV-WV, PT-7528-16MST-8TX-4GSFP-HV, PT-7528-16MST-8TX-4GSFP-HV-HV, PT-7528-16MST-8TX-4GSFP-WV, PT-7528-16MST-8TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-HV, PT-7528-20MSC-4TX-4GSFP-HV/KC, PT-7528-20MSC-4TX-4GSFP-HV-HV, PT-7528-20MSC-4TX-4GSFP-HV-HV/KC

Supported Operating Systems

N/A

New Features

- dd configuration file encryption setting

Enhancements

- Two new writable MMS attributes for switch description: 1)LPHD1\$DC\$PhyNam\$model
2)LPHD1\$DC\$PhyNam\$location

Bugs Fixed

- Stack-based buffer overflow vulnerability.
- Risky cryptographic algorithm vulnerability.
- Hard-coded cryptographic key vulnerability.
- Hard-coded password vulnerability.
- RSTP 40 nodes failed issue.
- The switch name description changed and caused the configuration import to fail.
- Turbo Ring v1 failed on firmware v3.8.
- Removed misplaced UI config: IEEE 1588v2 E2E 1-step.

Changes

N/A

Notes

- Firmware v4.0 and later are compatible with all hardware revisions of the PT-7528 Series.

Version: v3.8	Build: Build_17041116
Release Date: N/A	

Applicable Products

PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-24TX-WV-WV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-12TX-4GSFP-HV, PT-7528-12MST-12TX-4GSFP-HV-HV, PT-7528-12MST-12TX-4GSFP-WV, PT-7528-12MST-12TX-4GSFP-WV-WV, PT-7528-16MSC-8TX-4GSFP-HV, PT-7528-16MSC-8TX-4GSFP-HV-HV, PT-7528-16MSC-8TX-4GSFP-WV, PT-7528-16MSC-8TX-4GSFP-WV-WV, PT-7528-16MST-8TX-4GSFP-HV, PT-7528-16MST-8TX-4GSFP-HV-HV, PT-7528-16MST-8TX-4GSFP-WV, PT-7528-16MST-8TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-HV, PT-7528-20MSC-4TX-4GSFP-HV/KC, PT-7528-20MSC-4TX-4GSFP-HV-HV, PT-7528-20MSC-4TX-4GSFP-HV-HV/KC

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Added warning message when the default password was not changed.
- Encrypted security keys in user interface.
- Enhanced RSTP compatibility.

Bugs Fixed

- Cross-site scripting vulnerability.
- Denial of service attack vulnerability.
- Privilege escalation vulnerability.
- SSL v2/v3 vulnerability in HTTPS.
- Web console cannot be accessed when the SNMP get bulk service is running.
- Specific CLI command caused the switch to reboot with default settings.
- Added a new VLAN will change IGMP querier state from disable to enable.
- Corrected RSTP auto-edge behavior.
- Rate limit could not be set in web UI.
- PTP timestamp error in announce message.
- Removed 1588v2 PTP message of IEC 61850 QoS.
- Telnet hangs when SSH is disabled.
- Correct RSTP edge definition in exported configuration file.
- Correct Radius/TACACS+ authorization login.

Changes

N/A

Notes

- Firmware v3.8 and prior are only compatible with hardware revisions PT-7528-TX V2.0.1 and



PT-7528-FX V1.0.1 and before.

Version: v3.6	Build: Build_15060211
Release Date: N/A	

Applicable Products

PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-24TX-WV-WV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-12TX-4GSFP-HV, PT-7528-12MST-12TX-4GSFP-HV-HV, PT-7528-12MST-12TX-4GSFP-WV, PT-7528-12MST-12TX-4GSFP-WV-WV, PT-7528-16MSC-8TX-4GSFP-HV, PT-7528-16MSC-8TX-4GSFP-HV-HV, PT-7528-16MSC-8TX-4GSFP-WV, PT-7528-16MSC-8TX-4GSFP-WV-WV, PT-7528-16MST-8TX-4GSFP-HV, PT-7528-16MST-8TX-4GSFP-HV-HV, PT-7528-16MST-8TX-4GSFP-WV, PT-7528-16MST-8TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-HV, PT-7528-20MSC-4TX-4GSFP-HV/KC, PT-7528-20MSC-4TX-4GSFP-HV-HV, PT-7528-20MSC-4TX-4GSFP-HV-HV/KC

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Supports MXview.
- MMS data modeling support Fiber Check info.
- Added 100FX Ports Disable function.

Bugs Fixed

- Fixed Java 7 Java Applet Certification problem.
- Fixed SFP plug-in fail issue.

Changes

N/A

Notes

- Firmware v3.6 and lower are only compatible with the following hardware revisions PT-7528-TX V2.0.1 and lower, and PT-7528-FX V1.0.1 and lower.



Version: v3.5	Build: N/A
Release Date: N/A	

Applicable Products

PT-7528-20MSC-4TX-4GSFP-WV, PT-7528-20MSC-4TX-4GSFP-WV/KC, PT-7528-20MSC-4TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-WV-WV/KC, PT-7528-20MST-4TX-4GSFP-HV, PT-7528-20MST-4TX-4GSFP-HV/KC, PT-7528-20MST-4TX-4GSFP-HV-HV, PT-7528-20MST-4TX-4GSFP-HV-HV/KC, PT-7528-20MST-4TX-4GSFP-WV, PT-7528-20MST-4TX-4GSFP-WV/KC, PT-7528-20MST-4TX-4GSFP-WV-WV, PT-7528-20MST-4TX-4GSFP-WV-WV/KC, PT-7528-8MSC-16TX-4GSFP-HV, PT-7528-8MSC-16TX-4GSFP-HV-HV, PT-7528-8MSC-16TX-4GSFP-WV, PT-7528-8MSC-16TX-4GSFP-WV-WV, PT-7528-8MST-16TX-4GSFP-HV, PT-7528-8MST-16TX-4GSFP-HV-HV, PT-7528-8MST-16TX-4GSFP-WV, PT-7528-8MST-16TX-4GSFP-WV-WV, PT-7528-8SSC-16TX-4GSFP-HV-HV, PT-7528-8SSC-16TX-4GSFP-WV-WV, PT-7528-24TX-HV, PT-7528-24TX-HV-HV, PT-7528-24TX-WV, PT-7528-24TX-WV-HV, PT-7528-24TX-WV-WV, PT-7528-12MSC-12TX-4GSFP-HV, PT-7528-12MSC-12TX-4GSFP-HV-HV, PT-7528-12MSC-12TX-4GSFP-WV, PT-7528-12MSC-12TX-4GSFP-WV-WV, PT-7528-12MST-12TX-4GSFP-HV, PT-7528-12MST-12TX-4GSFP-HV-HV, PT-7528-12MST-12TX-4GSFP-WV, PT-7528-12MST-12TX-4GSFP-WV-WV, PT-7528-16MSC-8TX-4GSFP-HV, PT-7528-16MSC-8TX-4GSFP-HV-HV, PT-7528-16MSC-8TX-4GSFP-WV, PT-7528-16MSC-8TX-4GSFP-WV-WV, PT-7528-16MST-8TX-4GSFP-HV, PT-7528-16MST-8TX-4GSFP-HV-HV, PT-7528-16MST-8TX-4GSFP-WV, PT-7528-16MST-8TX-4GSFP-WV-WV, PT-7528-20MSC-4TX-4GSFP-HV, PT-7528-20MSC-4TX-4GSFP-HV/KC, PT-7528-20MSC-4TX-4GSFP-HV-HV, PT-7528-20MSC-4TX-4GSFP-HV-HV/KC

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Added MSC/SSC module information.
- Modified link change detection mechanism.
- Modified Turbo Chain sending TCN packet frequency.

Bugs Fixed

N/A

Changes

N/A

Notes

- Firmware v3.5 and lower versions are only compatible with the following hardware revisions PT-7528-TX V2.0.1 and lower, and PT-7528-FX V1.0.1 and lower.



Version: v3.0	Build: N/A
Release Date: N/A	

Applicable Products

PT-7528-20MST-4TX-4GSFP-WV-HV, PT-7528-8MST-16TX-4GSFP-WV-HV, PT-7528-12MST-12TX-4GSFP-WV-HV, PT-7528-16MST-8TX-4GSFP-WV-HV

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

- Firmware v3.0 and lower versions are only compatible with the following hardware revisions PT-7528-TX V2.0.1 and lower, and PT-7528-FX V1.0.1 and lower.