



## Firmware for PT-7528 Series Release Notes

<b>Version: v4.0</b>	<b>Build: Build_17113010</b>
<b>Release Date: Dec 29, 2017</b>	

### 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.

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

## 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.

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

### 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.



<b>Version: v3.5</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### 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-7528-20MSC-4TX-4GSFP-HV, 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/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.



<b>Version: v3.0</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

**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.