



Threat Protection System Release Notes

Version 5.1.1

To ensure that you have the latest versions of product documentation, visit the [Online Help Center](#).

Important notes

This release is supported on vTPS, 440T, 2200T, 8200TX, and 8400TX devices.

- 440T and 2200T devices must be running a minimum of v4.2.0 before installing this version. During an upgrade from v4.2.0, these devices may experience a loss of traffic for a few hundred milliseconds as some resources are reconfigured.
- 8200TX and 8400TX devices must be running a minimum of v5.0 before installing this version.
- SMS v5.1.0 or later is required to manage a TPS device that is running TOS v5.1.1.

Release contents

Description	Reference
SSL inspection connection resets and errors have been addressed in this release.	124170
The <code>show np gen stat</code> command now displays Invalid and Bypassed Counters in packet statistics.	124969
Bypass packets/sec, Bypass to Rx ratio, VLANTrans to Rx Ratio and VLANTrans Packets/Sec are now available from the <code>show np tier-stats</code> command.	124084
The <code>show vlan-translations</code> command now displays hit counts.	125120
The <code>show ntp</code> command displays the current NTP configuration. For more information about this command and its associated fields, refer to the <i>Command Line Interface Reference</i> guide available on the Online Help Center .	123466

A segmentation fault causing the device to enter layer-2 fallback has been corrected in this release.	125335
SNMP traps are now sent from TX with SNMP enabled when a Critical FAN or PSU alert occurs with the device. For more information about using MIBs, refer to the MIBs guide available on the Online Help Center .	123191
Avoid false positives on filter 7120 by better handling of TCP keep-alive packets that were mistaken for overlaps.	124850
An issue causing irregular character strings to appear in the audit log records under certain circumstances has been addressed.	121761
After you perform a snapshot restore operation (Device Configuration > System update > System Snapshot > Restore), a full reboot occurs to reset port properties.	124509
If a port is disabled on an IO module, and then the IO module is hot swapped, the port is reset to the enabled state and now correctly passes traffic.	124607
In this release, even if a device is managed by SMS, you can execute the debug np regex clear command from the CLI. For assistance with debug commands, contact the <i>Technical Assistance Center (TAC)</i> .	124228

Known Issues

Description	Reference
Any errors that occur with LDAP requests when using debug aaa ldap lookup-user and debug aaa ldap authenticate-user CLI commands fail to appear in the CLI, but do appear in the system log. For assistance with using these commands, contact the Technical Assistance Center (TAC) .	123833
You may need to manually restart inspection ports configured for Link Down Sync (LDS) Wire mode if they become disabled due to a LDS event.	TIP-30218

Product support

For assistance, contact the [Technical Assistance Center \(TAC\)](#).

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