



# **Trend Micro™ TippingPoint™ Threat Protection System Release Notes**

Version 6.0

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

## **Important note**

This TippingPoint operating system (TOS) release ships with, and is supported on, 9200TXE devices only. Use only SMS v6.0 and later to manage your 9200TXE device. Users can also continue to use the CLI interface to manage their devices; however, the Local Security Manager (LSM) interface will no longer be available.

## Release contents

Description	Reference
<p>This release introduces the next generation of TPS devices, the TXE Series, beginning with the 9200TXE. TXE devices offer improved hardware acceleration that enables comprehensive threat protection against known and undisclosed vulnerabilities with high accuracy.</p>	New
<p>The 9200TXE device uses Digital Vaccine (DV) v4.0. This DV version includes Zero Day Initiative (ZDI) filters with a static key.</p>	New
<p>TXE devices support the following standard I/O modules:</p> <ul style="list-style-type: none"> <li>• 6-Segment 25/10/1 GbE SFP28</li> <li>• 4-Segment 100/40 GbE QSFP28</li> </ul> <p>TXE devices support the following bypass I/O modules:</p> <ul style="list-style-type: none"> <li>• 4-Segment 25 GbE SR Bypass</li> <li>• 4-Segment 25 GbE LR Bypass</li> <li>• 2-Segment 100 GbE SR4 Bypass (MPO)</li> <li>• 2-Segment 100 GbE LR4 Bypass</li> </ul> <p>For more information on these modules, refer to the <i>TPS Hardware Specification and Installation Guide</i>.</p>	New
<p>You can configure a TXE device's I/O modules to support different transceiver speeds using the SMS or the <code>interface port physical-media</code> command.</p> <p><b>Note:</b> If you configure a module to support a speed other than its native speed, you must revert the module to its native speed <i>before removing the module</i>.</p>	New
<p>With appropriately installed transceivers, you can configure the 9200TXE 25 GbE I/O module to support the following speeds:</p> <ul style="list-style-type: none"> <li>• 25 GbE SR/LR</li> <li>• 10 GbE SR/LR – Configure the segment speed for both ports to 10 GbE using the SMS or <code>interface port physical-media</code> command.</li> <li>• 1 GbE SR/LR – Configure the segment speed for both ports to 1 GbE, and set AutoNegotiate to <b>OFF</b> using the SMS or CLI. <b>Note:</b> The link state will always report as UP, which can cause the link LED to be on constantly; however, it will blink to indicate traffic flow.</li> <li>• 1 GbE Copper SFP support – Configure the segment speed for both ports to 1 GbE using the SMS or <code>interface port physical-media</code> command.</li> </ul> <p>Similarly, appropriately installed transceivers also enable you to configure the 9200TXE 100 GbE I/O module to support the following speeds:</p> <ul style="list-style-type: none"> <li>• 100 GbE SR4/LR4</li> <li>• 40 GbE SR4/LR4 – Configure the segment speed for both ports to 40 GbE using the SMS or <code>interface port physical-media</code> command.</li> </ul>	TIP-77001

A new <code>debug management-interface select</code> command enables you to switch between management ports.	New
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## Known issues

Description	Reference
<p>For its initial release, the following features are not supported on the 9200TXE device:</p> <ul style="list-style-type: none"> <li>TLS inspection for TXE devices in a stack. TLS inspection <i>is</i> supported on unstacked TXE devices.</li> </ul> <p><b>Note:</b> If a TXE device was removed from a stacking configuration, you must reboot that device before using it for TLS inspection.</p> <ul style="list-style-type: none"> <li>802.1ah/ MAC-in-MAC.</li> <li>FIPS.</li> <li>25 GbE management port.</li> </ul>	TIP-88298
<p>If you insert an IOM into a running TXE device without cycling through a cold boot afterwards, Layer-2 Fallback (L2FB) for the segments on that specific IOM will not work. Despite being fully functional from an inspection point of view, the segments on that module will not pass traffic if the device enters L2FB for any reason (including user-initiated L2FB, automatic L2FB during a warm reboot, and automatic L2FB caused by specific events).</p> <p>To avoid this issue, take one of the following actions:</p> <ul style="list-style-type: none"> <li>Insert an IOM only while the TXE device is powered off.</li> <li>Whenever you insert an IOM while the TXE device is running, make sure the device goes through a complete power cycle afterwards.</li> <li>From the device CLI, enter <code>reboot full</code> after inserting an IOM into a running TXE device.</li> </ul>	TIP-119635 PCT-23736
<p>A driver issue with the high-speed 25 GbE management interface on a 9200TXE device used for transparent high availability (TRHA) can cause the 25 GbE management interface to stop responding under extreme load.</p>	TIP-86621
<p>Under some circumstances, removing a device from a stack can cause the device that preceded it in the stack ring to generate a stack-size configuration error.</p>	TIP-88908
<p>An issue prevents the SMS from recognizing a device's correct interface in the SSL logs.</p>	TIP-88888 TIP-88726

<p>A condition that causes the device to generate packet traces faster than the SMS can download them generates an error in the device's system log.</p>	<p>TIP-88844</p>
<p>The Stacking Primary LED remains lit after you delete the stack from the SMS.</p> <p>To turn the light off, do one of the following:</p> <ul style="list-style-type: none"> <li>• Rebuild and delete the stack again.</li> <li>• Reboot the device.</li> <li>• Contact the Technical Assistance Center (TAC).</li> </ul>	<p>TIP-89155</p>
<p>SMS v6.0 requires TLS v1.2 for communication. If you disable TLS v1.2, you will not be able to manage the device from SMS.</p>	<p>TIP-89187</p>
<p>The alert aggregation feature keeps restoring its interval value back to 1 minute.</p>	<p>TIP-88749</p>
<p>For SSL Inspection, the cipher suite TLS_RSA_WITH_DES_CBC_SHA has been disabled and removed as a configurable option from existing SSL Inspection servers and client proxies. If the removal process results in a proxy with zero ciphers configured, the proxy will be automatically populated with default ciphers.</p>	<p>TIP-84341</p>
<p>Values indicating the status of a module slot are in reverse order in the tptSlotEvent object of the TPT-BAY MIB and in its corresponding description in the <i>TPS MIBs Guide</i>. The correct values are as follows:</p> <p>0: A module has been removed.</p> <p>1: A module has been inserted.</p>	<p>TIP-93071</p>

## Product support

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

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