



Network Security Package for TN-4900 Series Release Notes

Version: v10.0.31	Build: 25052914
Release Date: Jun 20, 2025	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

- Added support for IPS pattern v1.134.
- [Web Squid Proxy] ESI Response Processing nullpointer Denial of Service (CVE-2024-45802)
- [Zimbra Collaboration] Proxy Servlet Server Side Request Forgery (CVE-2024-45518)
- [SonicWall SonicOS SSLVPN] getSslvpnSessionFromCookie Authentication Bypass (CVE-2024-53704)
- [Nagios XI] historytab_content.php SQL Injection
- [Adobe ColdFusion] invokeLoggingModule Directory Traversal (CVE-2024-53961)
- [Ivanti Endpoint Manager] DPIDatabase GetComputerID SQL Injection (CVE-2024-50330)
- [Apache OpenMeetings] Cluster Mode Insecure Deserialization (CVE-2024-54676)
- [Wazuh] as_wazuh_object Insecure Deserialization (CVE-2025-24016)
- [VMware HCX] listExtensions SQL Injection (CVE-2024-38814)
- [OpenSSL] do_x509_check Name Check Denial of Service (CVE-2024-6119)
- [Apache Tomcat] Partial PUT Path Equivalence (CVE-2025-24813) (Pattern ID: 1232850)
- [LibreNMS] Device Misc dynamic_override_config Stored Cross-Site Scripting (CVE-2025-23200)
- [Sitecore] Multiple Products ThumbnailsAccessToken Insecure Deserialization (CVE-2025-27218)
- [HPE Insight Remote Support] processAttachmentDataStream Directory Traversal (CVE-2024-53676)
- [Ivanti Endpoint Manager] ECustomDataForm OnSaveToDB Directory Traversal (CVE-2024-50322, CVE-2024-50330)
- [HPE Insight Remote Support] setInputStream XML External Entity Injection (CVE-2024-11622)
- [Apache Tomcat] JSP Compilation Race Condition (CVE-2024-50379)
- [Next.js] Middleware Bypass Vulnerability (CVE-2025-29927)
- [Cacti] host_templates.php template SQL Injection (CVE-2024-54146)
- [Gogs] Repository Contents API Path Traversal (CVE-2024-55947), GetDiffPreview Argument Injection (CVE-2024-39932)
- [Apache Camel] DefaultHeaderFilterStrategy Improper Filtering (CVE-2025-27636)
- [LibreNMS] Device Port Settings Description Stored Cross-Site Scripting (CVE-2025-23199)
- [Progress Kemp LoadMaster] mangle Stack-based Buffer Overflow (CVE-2025-1758)
- [FortiGuard Labs FortiOS and FortiProxy] Node.js websocket Authentication Bypass (CVE-2024-55591)
- [Progress WhatsUp Gold] GetSqlWhereClause SQL Injection (CVE-2024-46906)
- [Microsoft Windows] searchConnectorms and library-ms Files NTLM Relay (CVE-2025-24054)
- [Linux Kernel ksmbd] TCP Connection Memory Exhaustion Denial-of-Service (CVE-2024-50285)
- [Ivanti Cloud Services Application] SendAlert Command Injection (CVE-2024-47908)
- [Rsync Daemon] Checksum Handling Heap-based Buffer Overflow (CVE-2024-12084)
- [Commvault] Pre-Authenticated Remote Code Execution (CVE-2025-34028)
- [Django] wordwrap Filter Denial of Service (CVE-2025-26699)
- [Ivanti Endpoint Manager] MP_QueryDetail SQL Injection (CVE-2024-34781)
- [CyberPanel] filemanager.py upload Command Injection (CVE-2024-51568), getresetstatus



Command Injection (CVE-2024-51378)

- [Pandora FMS] chromium_path and phantomjs_bin Command Injection (CVE-2024-12971)
- [AI] POE access via SSL (Pattern ID: 1165264), Perplexity access via SSL (Pattern ID: 1165265), Claude access via SSL
- [OpenEMR] Bronchitis Form Stored Cross-Site Scripting (CVE-2025-30161)
- [FlowiseAI] Flowise attachments Directory Traversal (CVE-2025-26319)
- [Fortinet FortiSandbox] VM Download Command Injection (CVE-2024-52961)
- [Microsoft Scripting Engine] Memory Corruption Vulnerability (CVE-2017-8605)

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

- The following outdated or deprecated IPS patterns have been removed to improve system efficiency and focus on relevant threats:
 - Legacy vulnerabilities in Microsoft Windows Shell, SAP GUI, Adobe Flash, and others from 2017 (Pattern ID: 1134116, 1134122, 1134123, 1134125, 1134129, 1134131, 1134134, 1134135, 1134136, 1134138, 1134140, 1134142, 1134143, 1134148, 1134151, 1134153, 1134154, 1134156, 1134160, 1134161, 1134163, 1134164, 1134166, 1134167, 1134168, 1134172, 1134174)
 - Deprecated issues in Microsoft Edge, HPE Intelligent Management Center, Adobe Flash Player (Pattern ID: 1134027, 1134051, 1134052, 1134060, 1134061, 1134062, 1134063)
 - Outdated patterns related to Internet Explorer, PostgreSQL, and Mozilla Firefox (Pattern ID: 1133974, 1133975, 1133985, 1134014, 1134015, 1134016)
 - DNS and image-processing vulnerabilities in BIND, systemd, and PHP libraries (Pattern ID: 1133901, 1133919, 1133945, 1133952)
 - Old exploits in Microsoft Edge, Samba, and IPFire (Pattern ID: 1133829, 1133830, 1133831, 1133854, 1133886)
 - Deprecated Apache Struts2 Remote Code Execution vulnerability (Pattern ID: 1232751)
 - Historical vulnerabilities in PHP and Microsoft browsers (Pattern ID: 1133297, 1134084)



Version: v10.0.28	Build: 25022514
Release Date: Mar 31, 2025	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

- Added support for IPS pattern v1.1.121.
- [QNAP HBS 3 Hybrid Backup Sync] Added protection against command injection targeting NAS devices. (CVE-2024-50388) (Pattern ID: 1232774, 1232776)
- [Ivanti Cloud Services Appliance] Added SQL injection protection for cloud appliance configuration APIs. (CVE-2024-11773) (Pattern ID: 1232780, 1232781)
- [Ivanti Endpoint Manager] Directory traversal and SQL injection protection for endpoint configuration. (CVE-2024-34787, CVE-2024-50326) (Pattern ID: 1232783, 1232790)
- [Rockwell ThinManager] Directory traversal protection for ThinServer.exe API interface. (CVE-2024-45826) (Pattern ID: 1232784)
- [Jenkins] Arbitrary file read defense in Remoting module. (CVE-2024-43044) (Pattern ID: 1232678)
- [Grafana] Command injection and local file inclusion protections. (CVE-2024-9264) (Pattern ID: 1232732)
- [LibreNMS] Multiple protections, including command injection and stored XSS for device settings. (CVE-2024-51092, CVE-2024-53457, CVE-2024-49754) (Pattern ID: 1232730, 1232789, 1232796)
- [Nagios XI] Command injection protection in windows-winrm component. (Pattern ID: 1232800)
- [Palo Alto PAN-OS] Authentication bypass and command injection fixes. (CVE-2024-0012, CVE-2024-9474) (Pattern ID: 1232734, 1232735)
- [JetBrains TeamCity] Stored cross-site scripting vulnerabilities resolved. (CVE-2024-47951) (Pattern ID: 1232736, 1232737, 1232738, 1232739)
- [Delta InfraSuite] Insecure deserialization protection. (CVE-2024-10456) (Pattern ID: 1232740)
- [Apache Traffic Control] SQL injection prevention in delivery service comments. (CVE-2024-45387) (Pattern ID: 1232794)
- [Microsoft Configuration Manager] SQL injection protection added. (CVE-2024-43468) (Pattern ID: 1232795)
- [WordPress Tutor LMS Plugin] SQL injection vulnerabilities patched. (CVE-2024-10400) (Pattern ID: 1232801, 1232802)
- [WordPress WP Time Capsule Plugin] File upload restriction enforced. (CVE-2024-8856) (Pattern ID: 1232803)
- [Palo Alto Networks Expedition] Deserialization attack defense. (CVE-2025-0107) (Pattern ID: 1232804)
- [Apache Solr] Directory traversal vulnerability addressed. (CVE-2024-52012) (Pattern ID: 1232805)
- [Microsoft Windows LDAP] Memory and buffer vulnerabilities protected. (CVE-2024-49112, CVE-2024-49113) (Pattern ID: 1232806, 1232807)

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes



- The following outdated or deprecated IPS patterns have been removed to improve system efficiency and focus on relevant threats:
 - WEB Flexense VX Search Enterprise add_command Buffer Overflow (Pattern ID: 1134308, 1134309)
 - WEB Oracle Identity Manager Default Credentials (Pattern ID: 1134312, 1134313)
 - GitLab Gollum Link Regex DoS (Pattern ID: 1232596)
 - QNAP Log Upload Command Injection (Pattern ID: 1232603)
 - Old vulnerabilities in Adobe, Chrome, Windows SMB, Exim, HPE, etc. from 2017 (Pattern ID: 1134253, 1134254, 1134255, 1134257, 1134258, 1134264, 1134265, 1134269, 1134270, 1134274, 1134275, 1134276, 1134277, 1134299, 1134305, 1232623)
 - Legacy Microsoft and Apache Solr vulnerabilities (Pattern ID: 1134214, 1134217, 1134219, 1134220, 1134225, 1134231, 1134232, 1134238)



Version: v10.0.26	Build: 24122710
Release Date: Jan 20, 2025	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Added support for IPS pattern v1.111.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v10.0.25	Build: 24120610
Release Date: Dec 20, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

- Added support for IPS pattern v1.107.

Enhancements

- DPI policy rules show an incorrect interface name if VRRP is enabled.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v10.0.23	Build: 24102510
Release Date: Nov 12, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Added support for IPS pattern v1.102.

Bugs Fixed

N/A

Changes

- Aligned the MXsecurity Agent Package version format in the interface.

Notes

N/A



Version: v10.0.20	Build: 24092013
Release Date: Oct 09, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

- Added support for new DPI protocols to Advanced Protection: Step7 Comm+, OPC UA, MELSEC.
- Added support for IPS pattern v1.094.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v9.0.12	Build: 24080111
Release Date: Aug 30, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Added support for IPS pattern v1.0.89.
- Added an IPS pattern to protect against CVE-2024-6387 (OpenSSH vulnerability issue).

Bugs Fixed

- The IEC-104 protocol filter will unexpectedly block STARTDT packets.

Changes

N/A

Notes

N/A



Version: v8.0.20	Build: 24062714
Release Date: Jul 12, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

- Updated the IPS pattern version to v1.085.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v8.0.17	Build: 24043014
Release Date: May 07, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Updated the IPS pattern version to v1.076.□

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v8.0.15	Build: 24032616
Release Date: May 06, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Updated the IPS pattern version to v1.072.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v8.0.13	Build: 24013111
Release Date: Jan 31, 2024	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Updated the IPS pattern version to v1.064.□

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v8.0.12	Build: 23122612
Release Date: Dec 26, 2023	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Updated the IPS pattern version to v1.059.

Bugs Fixed

N/A

Changes

N/A

Notes

- Security Package v7.0.16 function is integrated into v8.0.12.



Version: v7.0.16	Build: 23112911
Release Date: Nov 29, 2023	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Updated the IPS pattern version to v1.055.□

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v7.0.12	Build: 23081018
Release Date: Aug 10, 2023	

Applicable Products

TN-4900 Series

Supported Operating Systems

N/A

New Features

- Added support for IPS functionality.
- Added support for Industrial Protocol DPI: TRDP.

Enhancements

- Updated the IPS pattern version to v1.039.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A