

August 2026



Extreme TPVM 4.7.19

Release Notes

Supporting Extreme Routing and Extreme Switching
SLX 9740, SLX 9640, SLX 9540, Extreme 8820,
Extreme 8720, and Extreme 8520

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Document History

Version	Summary of changes	Publication date
REV AA	Initial version for 4.7.19	August 2026

Preface

Getting Help

If you require assistance, contact Extreme Networks using one of the following methods:

- [Extreme Portal](#): Search the GTAC (Global Technical Assistance Center) knowledge base; manage support cases and service contracts; download software; and obtain product licensing, training and certifications.
- [The Hub](#): A forum for Extreme Networks customers to connect with one another, answer questions, and share ideas and feedback. This community is monitored by Extreme Networks employees but is not intended to replace specific guidance from GTAC.
- [Call GTAC](#): For immediate support, call (800) 998 2408 (toll-free in U.S. and Canada) or 1 (408) 579 2826. For the support phone number in your country, visit: www.extremenetworks.com/support/contact.

Before contacting Extreme Networks for technical support, have the following information ready:

- Your Extreme Networks service contract number or serial numbers for all involved Extreme Networks products.
- A description of the failure.
- A description of any actions already taken to resolve the problem.
- A description of your network environment (such as layout, cable type, other relevant environmental information).
- Network load at the time of trouble (if known).
- The device history (for example, if you have returned the device before, or if this is a recurring problem).
- Any related RMA (Return Material Authorization) numbers.

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1. Go to www.extremenetworks.com/support/service-notification-form.
2. Complete the form. All fields are required.
3. Select the products for which you want to receive notifications.
Note: You can change your product selections or unsubscribe at any time.
4. Select **Submit**.

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Visit the Extreme website to locate related documentation for your product and additional Extreme resources.

White papers, data sheets, and the most recent versions of Extreme software and hardware manuals are available at www.extremenetworks.com. Product documentation for all supported releases is available to registered users at <https://www.extremenetworks.com/support/documentation/>.

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- Improvements that would help you find relevant information in the document.
- Broken links or usability issues.

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- In a web browser, select the feedback icon and complete the online feedback form.
- Access the feedback form at <http://www.extremenetworks.com/documentation-feedback-pdf/>.
- Email us at documentation@extremenetworks.com.

Provide the publication title, part number, and as much detail as possible, including the topic heading and page number if applicable, as well as your suggestions for improvement.

Release Overview

Release TPVM 4.7.19 does not provide any new features.

NOTE: Platforms SLX 9150 and SLX 9250 are deprecated as on July 31, 2026.

Security Update

- Security updates are included up to August 2nd, 2026.

New Features

- The hardening script is updated to latest version 0.97.13.

Common Vulnerabilities and Exposures (CVEs) Addressed in this release

The following CVEs are addressed in this release:

CVE	Package Name
CVE-2026-40467 CVE-2026-40468 CVE-2026-40469 USN-8588-1	gawk
CVE-2026-41991 CVE-2026-41992 USN-8512-1	gzip
CVE-2026-11850 CVE-2026-40355 CVE-2026-40356 USN-8585-1	krb5-locales, krb5-user, libgssapi-krb5-2, libgssrpc4, libk5crypto3, libkadm5clnt-mit12, libkadm5srv-mit12, libkdb5-10, libkrb5-3, libkrb5support0
CVE-2026-14164 CVE-2026-5745 USN-8581-1	libarchive13
CVE-2026-56109 USN-8538-1	libasound2-data, libasound2
CVE-2026-4046 CVE-2026-5435 CVE-2026-5450 CVE-2026-5928 CVE-2026-6238 USN-8611-1	libc-bin, libc-dev-bin, libc6-dev, libc6, locales, nscd
CVE-2026-50292 USN-8602-1	libinput-bin, libinput10

CVE	Package Name
CVE-2025-69720	libncurses6, libncursesw6, libtinfo6 , ncurses-base, ncurses-bin, ncurses-term
CVE-2026-58055 USN-8495-1	libnghttp2-14
CVE-2026-54411 USN-8601-1	libpam-modules-bin, libpam-modules, libpam-runtime, libpam0g
CVE-2025-13462 CVE-2025-69534 CVE-2026-1299 CVE-2026-1502 CVE-2026-2297 CVE-2026-3276 CVE-2026-3644 CVE-2026-4224 CVE-2026-4519 CVE-2026-4786 CVE-2026-6019 CVE-2026-6100 CVE-2026-8328 CVE-2026-9669 USN-8509-1	libpython3.10-minimal, libpython3.10-stdlib, libpython3.10, python3.10-minimal, python3.10
CVE-2026-42246 CVE-2026-42257 USN-8478-1	libruby3.0, ruby3.0
CVE-2026-15779 CVE-2026-6949 CVE-2026-58216 CVE-2026-58218 CVE-2026-58221 CVE-2026-58222 CVE-2026-58224 USN-8621-1	libsmbclient, libwbclient0 ,samba-ls
CVE-2026-50812 CVE-2026-50813 USN-8565-1	libsqlite3-0
CVE-2026-4367 USN-8600-1	libxpm4

CVE	Package Name
CVE-2023-45896 CVE-2025-54505 CVE-2025-54518 USN-8575-1	Linux Kernel
CVE-2026-10037 USN-8518-1	mailcap
CVE-2026-59995 CVE-2026-59996 CVE-2026-59997 CVE-2026-59998 CVE-2026-59999 CVE-2026-60000 CVE-2026-60001 CVE-2026-60002 USN-8533-1	openssh-client, openssh-server, openssh-sftp-server
CVE-2026-59939 USN-8537-1	python3-httpplib2
CVE-2026-45409 USN-8549-1	python3-idna
CVE-2026-61548 USN-8598-1	rsyslog-gnutls, rsyslog
CVE-2024-5300 CVE-2026-8933 CVE-2026-15226 USN-8579-1	snapd
CVE-2025-45582 USN-8510-1 CVE-2026-5704 USN-8477-2 USN-8477-3	tar
CVE-2026-9494 CVE-2026-11386 CVE-2026-12391 USN-8555-1	ubuntu-advantage-tools, ubuntu-pro-client-l10n, ubuntu-pro-client

CVE	Package Name
CVE-2026-59856 CVE-2026-59857 CVE-2026-59858 USN-8541-1	vim-common, vim-gtk3, vim-gui-common, vim-runtime, vim-tiny, vim
CVE-2026-15146 USN-8572-1	wget

Changes in Behavior

The following are the behavioral changes for TPVM 4.7.19.

- None

Hardware and Software Support

- TPVM 4.7.19 supports the following hardware platforms: SLX 9540, SLX 9640, SLX 9740, Extreme 8520, Extreme 8720, and Extreme 8820.
- Minimum supported SLX-OS version for TPVM 4.7.19 is SLX-OS 20.6.3a.
- Full Install is required for upgrade and downgrade between TPVM versions lower than 4.7.0 and TPVM version 4.7.19.

Note: Releases prior to TPVM 4.6.20 are not supported as per baseline-free upgrade.

Limitations and Restrictions

- Incremental upgrade is not supported between TPVM versions lower than 4.7.0 and TPVM version 4.7.19.
 - Example: Incremental upgrade and downgrade between TPVM 4.6.17 and 4.7.19 versions is not supported. If a user attempts it, the following error message is displayed.
Error: As Ubuntu LTS version is upgraded between the TPVM versions, incremental upgrade is not supported.
- TPVM incremental upgrade sometimes takes close to 30 minutes to complete. This time depends on the number of packages being updated. A temporary fix is added in XCO version 3.8.2 to avoid this issue.

Unsupported characters in TPVM passwords

The following characters are not supported in TPVM passwords.

- & (ampersand)
- ! (exclamation mark)
- \ (backslash)
- ' (single quote)

Upgrading TPVM to 4.7.19

- Full Install is supported from version lower than 4.7.0
- Incremental upgrade is supported from version 4.7.0
- Minimum version requirements:
 - SLX-OS 20.6.3a
- Upgrade procedure
 - Step 1: Upgrade SLX-OS current version to SLX-OS 20.6.3a or above.
 - Step 2: Full upgrade TPVM to 4.7.19 if the current running TPVM version is lower than 4.7.0.

TPVM package list

The contents of the TPVM package list are available under the TPVM release folder on the Support Portal (in the form of a JSON file). The JSON file can be found here:

Below is a sample of the JSON file:

```
{
  "product": "TPVM",
  "version": "4.7.19",
  "packages": [
    {
      "package": "accountsservice",
      "version": "0.6.45-1ubuntu1.3",
      "architecture": "amd64",
      "description": "query and manipulate user account information"}
    ],
  .....
```

tpvm_sec_upgrade.sh script

The 'tpvm_upgrade.sh' script is deprecated. Since Ubuntu's LTS version has been upgraded, it is necessary to perform a full upgrade.

This script cannot be used to upgrade to TPVM 4.7.19.