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Customer Release Notes

VSP Operating System Software

Software Release 9.4.2.1
November 2026

INTRODUCTION:

This document describes important information about this release for platforms that support the VSP Operating System Software.

The purpose of this version is to address customer and internally found software issues.

Newly Purchased Switches Require Software Upgrade. You should promptly upgrade the VOSS software to the latest version available by visiting the Extreme Portal.

Extreme Networks recommends that you thoroughly review this document prior to installing or upgrading this product.

For the latest firmware versions, visit the download site at:
www.extremenetworks.com/support/

NEW IN THIS RELEASE:

None.

IMPORTANT NOTES BEFORE UPGRADING TO THIS RELEASE:

Please see “VOSS Release Notes for version 9.4.0.0” available at
https://www.extremenetworks.com/support/release-notes

UPGRADE CONSIDERATIONS WHEN UPGRADING TO 9.4.2.1 FROM PREVIOUS RELEASES:

Please see “VOSS Release Notes for version 9.4.0.0” available at
https://www.extremenetworks.com/support/release-notes

This release contains a corrected OSPF HMAC-SHA (SHA-1 and SHA-256) hash calculation that fixes interoperability with other vendors but is not backward compatible with previous VOSS releases (VOSS-35194). Before upgrade, the OSPF authentication should be disabled on OSPF adjacencies to avoid extended OSPF routing interruption and re-enabled after both OSPF peers are upgraded to 9.4.1.0 or newer.

PLATFORMS SUPPORTED:

Please see “VOSS Release Notes for version 9.4.0.0” available at
https://www.extremenetworks.com/support/release-notes for details regarding supported platforms.

FILE NAMES FOR THIS RELEASE:

Virtual Services Platform 4900 Series

File Name	Module or File Type	File Size (bytes)
dictionary.fabricengine	RADIUS dictionary	3502
FabricIPSecGW_VM_5.2.0.0.ova	Fabric Ipsec Gateway Virtual Machine	4034211840
restconf_yang.tgz	YANG Model	506020
TPVM_Ubuntu24.04_04_03June2026.qcow2	Third Party Virtual Machine	3747785216
VOSS4900.9.4.2.1_edoc.tar	Logs Reference	40110080
VOSS4900.9.4.2.1.md5	MD5 Checksums	607
VOSS4900.9.4.2.1_mib_sup.txt	MIB - supported object names	1586270
VOSS4900.9.4.2.1_mib.txt	MIB - objects in the OID compile order	8732578
VOSS4900.9.4.2.1_mib.zip	Archive of all MIB files	1294139
VOSS4900.9.4.2.1_oss-notice.html	Open-source software - Master copyright file	2597473
VOSS4900.9.4.2.1.sha512	SHA512 Checksums	1718
VOSS4900.9.4.2.1.tgz	Release 9.4.2.1 archived software distribution	329207690
VOSSv9.4.0_HELP_EDM_gzip.zip	EDM Help file	5281220

Virtual Services Platform 7400 Series

File Name	Module or File Type	File Size (bytes)
dictionary.fabricengine	RADIUS dictionary	3502
FabricIPSecGW_VM_5.2.0.0.ova	Fabric Ipsec Gateway Virtual Machine	4034211840
restconf_yang.tgz	YANG model	506020
TPVM_Ubuntu24.04_04_03June2026.qcow2	Third Party Virtual Machine (TPVM)	3747785216
VOSS7400.9.4.2.1_edoc.tar	Logs Reference	40110080
VOSS7400.9.4.2.1.md5	MD5 Checksums	607
VOSS7400.9.4.2.1_mib_sup.txt	MIB - supported object names	1588532
VOSS7400.9.4.2.1_mib.txt	MIB - objects in the OID compile order	8732578
VOSS7400.9.4.2.1_mib.zip	Archive of all MIB files	1294139
VOSS7400.9.4.2.1_oss-notice.html	Open-source software - Master copyright file	2597473
VOSS7400.9.4.2.1.sha512	SHA512 Checksums	1718
VOSS7400.9.4.2.1.tgz	Release 9.4.2.1 archived software distribution	330348709
VOSSv9.4.0_HELP_EDM_gzip.zip	EDM Help file	5281220

Note about image download:

Ensure images are downloaded using the binary file transfer. Perform MD5 checksum check on downloaded files to ensure file integrity.

Check that the file type suffix is ".tgz" and the image names after download to device match those shown in the above table. Some download utilities have been observed to append ".tar" to the file name or change the filename extension from ".tgz" to ".tar". If file type suffix is ".tar" or file name does not exactly

match the names shown in above table, rename the downloaded file to the name shown in the table above so that the activation procedures will operate properly.

Load activation procedures:

```
software add VOSS4900.9.4.2.1.tgz
software activate 9.4.2.1.GA
```

or

```
software add VOSS7400.9.4.2.1.tgz
software activate 9.4.2.1.GA
```

CHANGES IN THIS RELEASE:

New Features in This Release
None

Old Features Removed From This Release
None

Problems Resolved in This Release	
FN-2026-532	Excessive Logs and Potential Crash When Connected to XIQ/EP1

Fixes from Previous Releases
VOSS 9.4.2.1 incorporates all fixes and content from previous releases including VOSS 8.10.9.0, VOSS 9.0.5.1, VOSS 9.1.3.0, VOSS 9.2.3.0, VOSS 9.3.4.0 and VOSS 9.4.2.0.

OUTSTANDING ISSUES:

Please see "VOSS Release Notes for version 9.4.0.0" available at https://www.extremenetworks.com/support/release-notes for details regarding Known Issues.

CFD-15355	Wireless clients on FA dynamic VLANs fail to get DHCP IP address when DHCP snooping is enabled. Workaround: Disable DHCP snooping globally. A fix for this issue is targeted for 9.5.0.0 release.
CFD-17074	Fabric Extend tunnels flap multiple times per day, correlating with ARP TTL expiration for the tunnel peer IP address. When the ARP entry for the remote tunnel endpoint expires, the tunnel temporarily goes down. **Workaround**: configure a static ARP. A fix for this issue is targeted for 9.5.0.0 release.

CFD-17120	When a port enters auto-sense LOOP state due to detecting both a phone LLDP and the switch's own LLDP, MAC learning and packet bridging still occur on the voice VLAN for that port, allowing a Layer 2 loop to form. A fix for this issue is targeted for 9.5.0.0 release.
CFD-17130	ECMP routing fails when the ECMP group includes both an extra VLAN on NNI path and an L2VSN path, resulting in packet loss for flows hashed onto one of the two paths.
CFD-17250	If upgrading from 8.8.1.0 to any higher release and only one of the endpoints of a 25 GbE fiber link (while the other endpoint remains at 8.8.1.0) with autonegotiation disabled on the VIM5-4YE module, the link fails to come up if FEC is set to "auto". Workaround: disable FEC or manually set it to Clause 108.
VOSS-35692	OpenAPI server fails to initialize when the bound trust point was enrolled through a Registration Authority (RA) **Workaround:** enroll the OpenAPI trust point without an RA or use the offline enrollment method.

KNOWN LIMITATIONS:

Please see “VOSS Release Notes for version 9.4.0.0” available at https://www.extremenetworks.com/support/release-notes for details regarding Known Limitations.

Regular cleanup of unneeded files on USB drives is recommended to minimize possibility of USB corruption when a system is reset, shut down, or power is lost.

DOCUMENTATION CORRECTIONS:

For other known issues, please refer to the product release notes and technical documentation available at: https://www.extremenetworks.com/support/documentation.

GLOBAL SUPPORT

By Phone: +1 800-998-2408 (toll-free in U.S. and Canada)

For the toll-free support number in your country:
www.extremenetworks.com/support/

By Email: support@extremenetworks.com

By Web: www.extremenetworks.com/support/

By Mail: Extreme Networks, Inc.
6480 Via Del Oro
San Jose, CA 95119

For information regarding the latest software available, recent release note revisions, or if you require additional assistance, please visit the Extreme Networks Support website.

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