

Customer Release Notes

Fabric Engine

Software Release 9.0.5.0

December 2024

INTRODUCTION:

This document describes important information about this release for platforms that support Extreme Networks Fabric Engine™.

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 Fabric Engine 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 “Fabric Engine Release Notes for version 9.0.3.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

UPGRADE CONSIDERATIONS WHEN UPGRADING TO 9.0.5.0 FROM PREVIOUS RELEASES:

Please see “Fabric Engine Release Notes for version 9.0.3.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

PLATFORMS SUPPORTED:

Please see “Fabric Engine Release Notes for version 9.0.3.0” available at <https://www.extremenetworks.com/support/release-notes> for details regarding supported platforms.

FILE NAMES FOR THIS RELEASE:

Extreme Switching 5320 Series

File Name	Module or File Type	File Size (bytes)
5320.9.0.5.0_edoc.tar	Logs Reference	64604160
5320.9.0.5.0.md5	MD5 Checksums	463
5320.9.0.5.0_mib_sup.txt	MIB - supported object names	1550250
5320.9.0.5.0_mib.txt	MIB - objects in the OID compile order	8293684
5320.9.0.5.0_mib.zip	Archive of all MIB files	1234445
5320.9.0.5.0_oss-notice.html	Open-source software - Master copyright file	2889456
5320.9.0.5.0.sha512	SHA512 Checksums	1378
5320.9.0.5.0.voss	Software image	109039996
FabricEnginev9.0.2_HELP_EDM_gzip.zip	EDM Help file	5235518
restconf_yang.tgz	YANG model	506020

Extreme Switching 5420 Series

File Name	Module or File Type	File Size (bytes)
5420.9.0.5.0_edoc.tar	Logs Reference	64604160
5420.9.0.5.0.md5	MD5 Checksums	463
5420.9.0.5.0_mib_sup.txt	MIB - supported object names	1550016
5420.9.0.5.0_mib.txt	MIB - objects in the OID compile order	8293684
5420.9.0.5.0_mib.zip	Archive of all MIB files	1234445
5420.9.0.5.0_oss-notice.html	Open-source software - Master copyright file	2889456
5420.9.0.5.0.sha512	SHA512 Checksums	1378
5420.9.0.5.0.voss	Software image	108706208
FabricEnginev9.0.2_HELP_EDM_gzip.zip	EDM Help file	5235518
restconf_yang.tgz	YANG model	506020

Extreme Switching 5520 Series

File Name	Module or File Type	File Size (bytes)
5520.9.0.5.0_edoc.tar	Logs Reference	64604160
5520.9.0.5.0.md5	MD5 Checksums	463
5520.9.0.5.0_mib_sup.txt	MIB - supported object names	1548967
5520.9.0.5.0_mib.txt	MIB - objects in the OID compile order	8293684
5520.9.0.5.0_mib.zip	Archive of all MIB files	1234445
5520.9.0.5.0_oss-notice.html	Open-source software - Master copyright file	2889456
5520.9.0.5.0.sha512	SHA512 Checksums	1378
5520.9.0.5.0.voss	Software image	116856795

File Name	Module or File Type	File Size (bytes)
FabricEnginev9.0.2_HELP_EDM_gzip.zip	EDM Help file	5235518
restconf_yang.tgz	YANG model	506020

Extreme Switching 5720 Series

File Name	Module or File Type	File Size (bytes)
5720.9.0.5.0_edoc.tar	Logs Reference	64604160
5720.9.0.5.0.md5	MD5 Checksums	596
5720.9.0.5.0_mib_sup.txt	MIB - supported object names	1555725
5720.9.0.5.0_mib.txt	MIB - objects in the OID compile order	8293684
5720.9.0.5.0_mib.zip	Archive of all MIB files	1234445
5720.9.0.5.0_oss-notice.html	Open-source software - Master copyright file	2889456
5720.9.0.5.0.sha512	SHA512 Checksums	1703
5720.9.0.5.0.voss	Software image	328590046
FabricEnginev9.0.2_HELP_EDM_gzip.zip	EDM Help file	5235518
FabricIPSecGW_VM_5.2.0.0.ova	Fabric IPSec Gateway Virtual Machine	4034211840
restconf_yang.tgz	YANG model	506020
TPVM_Ubuntu20.04_04_14Apr2022.qcow2	Third Party Virtual Machine (TPVM)	4641982464

Extreme Switching 7520 Series

File Name	Module or File Type	File Size (bytes)
7520.9.0.5.0_edoc.tar	Logs Reference	64604160
7520.9.0.5.0.md5	MD5 Checksums	596
7520.9.0.5.0_mib_sup.txt	MIB - supported object names	1551800
7520.9.0.5.0_mib.txt	MIB - objects in the OID compile order	8293684
7520.9.0.5.0_mib.zip	Archive of all MIB files	1234445
7520.9.0.5.0_oss-notice.html	Open-source software - Master copyright file	2889456
7520.9.0.5.0.sha512	SHA512 Checksums	1703
7520.9.0.5.0.voss	Software image	328888206
FabricEnginev9.0.2_HELP_EDM_gzip.zip	EDM Help file	5235518
FabricIPSecGW_VM_5.2.0.0.ova	Fabric IPSec Gateway Virtual Machine	4034211840
restconf_yang.tgz	YANG model	506020
TPVM_Ubuntu20.04_04_14Apr2022.qcow2	Third Party Virtual Machine (TPVM)	4641982464

Extreme Switching 7720 Series

File Name	Module or File Type	File Size (bytes)
7720.9.0.5.0_edoc.tar	Logs Reference	64604160
7720.9.0.5.0.md5	MD5 Checksums	596
7720.9.0.5.0_mib_sup.txt	MIB - supported object names	1549987
7720.9.0.5.0_mib.txt	MIB - objects in the OID compile order	8293684
7720.9.0.5.0_mib.zip	Archive of all MIB files	1234445
7720.9.0.5.0_oss-notice.html	Open-source software - Master copyright file	2889456
7720.9.0.5.0.sha512	SHA512 Checksums	1703
7720.9.0.5.0.voss	Software image	328894425
FabricEnginev9.0.2_HELP_EDM_gzip.zip	EDM Help file	5235518
FabricIPSecGW_VM_5.2.0.0.ova	Fabric Ipsec Gateway Virtual Machine	4034211840
restconf_yang.tgz	YANG model	506020
TPVM_Ubuntu20.04_04_14Apr2022.qcow2	Third Party Virtual Machine (TPVM)	4641982464

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 7720.9.0.5.0.voss
software activate 9.0.5.0.GA
```

or

```
software add 7520.9.0.5.0.voss
software activate 9.0.5.0.GA
```

or

```
software add 5720.9.0.5.0.voss
software activate 9.0.5.0.GA
```

or

```
software add 5520.9.0.5.0.voss
software activate 9.0.5.0.GA
```

or

```
software add 5420.9.0.5.0.voss
software activate 9.0.5.0.GA
```

or

```
software add 5320.9.0.5.0.voss
```

```
software activate 9.0.5.0.GA
```

COMPATIBILITY:

This software release is managed with Enterprise Device Manager (EDM), which is integrated into the agent software.

CHANGES IN THIS RELEASE:

New Features in This Release

None

Old Features Removed From This Release

None

Problems Resolved in This Release

CFD-11651	Routes to a destination that are contained in secondary subnet range are active
CFD-11980	Web login page is not opening in the first attempt via Chrome and Edge.
CFD-12296	Debug info was added for a scenario when the switch became unreachable
VOSS-31466	5520-24X-ACDC: 100 Mbps optic (part#: 10063) not supported message on DDI interfaces
CFD-12420	OSPF adjacencies are down due to OSPF hellos incorrectly forwarded to NLS stack when Management VLAN and OSPF user VLAN are the same
VOSS-31741	EDM is not displaying correct info for ISIS adjacencies
CFD-12478, CFD-12480	A switch rebooted with core-dump after planned reboot
CFD-12520	5720-24MW: "COP-SW ERROR lcdPimPortToLEDPort: invalid PIM_PORT" reported in logs
CFD-12525	The multicast lite attribute is ignored when sent via RADIUS VSA, even though the last VSA in the list should be applied
CFD-12529	EAP authentication fails on a specific scenario
CFD-12542	Redistributing OSPF ETYPE2 route into ISIS with metric to ASBR instead of external cost as used in the route entry
CFD-12545	5720: The fan air flow direction is incorrect
CFD-12608	5320-16P/24P: ZTP+: Cannot use ManagementService onboarding for 5320-16P/24P models
CFD-12695	EDM: AutoSenseState column values are wrong for uniData ports
CFD-12749	An unexpected reboot of a switch might be triggered by an improper handling of port related data causing a deadlock
CFD-12771	TFTP Client on switch does not generate errors in failing cases

Fixes from Previous Releases

Fabric Engine 9.0.5.0 incorporates all fixes from prior releases, up to and including VOSS 8.4.3.0, VOSS 8.5.4.0, Fabric Engine 8.6.1.2, Fabric Engine 8.7.0.1, Fabric Engine 8.8.3.0, Fabric Engine 8.9.0.0, Fabric Engine 8.10.6.0 and Fabric Engine 9.0.4.0.

OUTSTANDING ISSUES:

Please see "Fabric Engine Release Notes for version 9.0.3.0" available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

KNOWN LIMITATIONS:

Please see "Fabric Engine Release Notes for version 9.0.3.0" 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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