

# Customer Release Notes

## Fabric Engine

Software Release 9.1.1.0

February 2025

### 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/](http://www.extremenetworks.com/support/)

### NEW IN THIS RELEASE:

None.

### IMPORTANT NOTES BEFORE UPGRADING TO THIS RELEASE:

Please see “Fabric Engine Release Notes for version 9.1.0.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

### UPGRADE CONSIDERATIONS WHEN UPGRADING TO 9.1.1.0 FROM PREVIOUS RELEASES:

Please see “Fabric Engine Release Notes for version 9.1.0.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

### PLATFORMS SUPPORTED:

Please see “Fabric Engine Release Notes for version 9.1.0.0” 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)
5320.9.1.1.0_edoc.tar	Logs Reference	63242240
5320.9.1.1.0.md5	MD5 Checksums	463
5320.9.1.1.0_mib_sup.txt	MIB - supported object names	1562422
5320.9.1.1.0_mib.txt	MIB - objects in the OID compile order	8375015
5320.9.1.1.0_mib.zip	Archive of all MIB files	1247574
5320.9.1.1.0_oss-notice.html	Open-source software - Master copyright file	2889456
5320.9.1.1.0.sha512	SHA512 Checksums	1378
5320.9.1.1.0.voss	Software image	121802870
FabricEnginev9.1.0_HELP_EDM_gzip	EDM Help file	5579528
restconf_yang.tgz	YANG model	506020

## Extreme Switching 5420 Series

File Name	Module or File Type	File Size (bytes)
5420.9.1.1.0_edoc.tar	Logs Reference	63242240
5420.9.1.1.0.md5	MD5 Checksums	463
5420.9.1.1.0_mib_sup.txt	MIB - supported object names	1562188
5420.9.1.1.0_mib.txt	MIB - objects in the OID compile order	8375015
5420.9.1.1.0_mib.zip	Archive of all MIB files	1247574
5420.9.1.1.0_oss-notice.html	Open-source software - Master copyright file	2889456
5420.9.1.1.0.sha512	SHA512 Checksums	1378
5420.9.1.1.0.voss	Software image	121498869
FabricEnginev9.1.0_HELP_EDM_gzip	EDM Help file	5579528
restconf_yang.tgz	YANG model	506020

## Extreme Switching 5520 Series

File Name	Module or File Type	File Size (bytes)
5520.9.1.1.0_edoc.tar	Logs Reference	63242240
5520.9.1.1.0.md5	MD5 Checksums	463
5520.9.1.1.0_mib_sup.txt	MIB - supported object names	1561139
5520.9.1.1.0_mib.txt	MIB - objects in the OID compile order	8375015
5520.9.1.1.0_mib.zip	Archive of all MIB files	1247574
5520.9.1.1.0_oss-notice.html	Open-source software - Master copyright file	2889456
5520.9.1.1.0.sha512	SHA512 Checksums	1378
5520.9.1.1.0.voss	Software image	129827857

File Name	Module or File Type	File Size (bytes)
FabricEnginev9.1.0_HELP_EDM_gzip	EDM Help file	5579528
restconf_yang.tgz	YANG model	506020

## Extreme Switching 5720 Series

File Name	Module or File Type	File Size (bytes)
5720.9.1.1.0_edoc.tar	Logs Reference	63242240
5720.9.1.1.0.md5	MD5 Checksums	596
5720.9.1.1.0_mib_sup.txt	MIB - supported object names	1567897
5720.9.1.1.0_mib.txt	MIB - objects in the OID compile order	8375015
5720.9.1.1.0_mib.zip	Archive of all MIB files	1247574
5720.9.1.1.0_oss-notice.html	Open-source software - Master copyright file	2889456
5720.9.1.1.0.sha512	SHA512 Checksums	1703
5720.9.1.1.0.voss	Software image	327210241
FabricEnginev9.1.0_HELP_EDM_gzip	EDM Help file	5579528
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)
7520.9.1.1.0_edoc.tar	Logs Reference	63242240
7520.9.1.1.0.md5	MD5 Checksums	596
7520.9.1.1.0_mib_sup.txt	MIB - supported object names	1563972
7520.9.1.1.0_mib.txt	MIB - objects in the OID compile order	8375015
7520.9.1.1.0_mib.zip	Archive of all MIB files	1247574
7520.9.1.1.0_oss-notice.html	Open-source software - Master copyright file	2889456
7520.9.1.1.0.sha512	SHA512 Checksums	1703
7520.9.1.1.0.voss	Software image	327505478
FabricEnginev9.1.0_HELP_EDM_gzip	EDM Help file	5579528
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)
7720.9.1.1.0_edoc.tar	Logs Reference	63242240
7720.9.1.1.0.md5	MD5 Checksums	596
7720.9.1.1.0_mib_sup.txt	MIB - supported object names	1562159
7720.9.1.1.0_mib.txt	MIB - objects in the OID compile order	8375015
7720.9.1.1.0_mib.zip	Archive of all MIB files	1247574
7720.9.1.1.0_oss-notice.html	Open-source software - Master copyright file	2889456
7720.9.1.1.0.sha512	SHA512 Checksums	1703
7720.9.1.1.0.voss	Software image	327535211
FabricEnginev9.1.0_HELP_EDM_gzip	EDM Help file	5579528
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 7720.9.1.1.0.voss
software activate 9.1.1.0.GA
```

**or**

```
software add 7520.9.1.1.0.voss
software activate 9.1.1.0.GA
```

**or**

```
software add 5720.9.1.1.0.voss
software activate 9.1.1.0.GA
```

**or**

```
software add 5520.9.1.1.0.voss
software activate 9.1.1.0.GA
```

**or**

```
software add 5420.9.1.1.0.voss
software activate 9.1.1.0.GA
```

or

```
software add 5320.9.1.1.0.voss
```

```
software activate 9.1.1.0.GA
```

## CHANGES IN THIS RELEASE:

### New Features in This Release

None

### Old Features Removed From This Release

None

### Problems Resolved in This Release

CFD-11951	DHCP Relay: when configuring the secondary address on a VLAN, dhcp-relay fwd-path is no longer permitted with a server in the same subnet
CFD-12303	When a configured VLAN with an IP and an I-SID is used for an auto-sense voice I-SID with C-VID, ping from one switch to the IP of the voice I-SID VLAN on its peer will not work as the ARP is not learnt
CFD-12422	ISIS Authentication Key is not working with Zero Touch Fabric
CFD-12566	An unexpected reboot of a switch might be triggered by an improper handling of POE related data causing a deadlock
CFD-12576	When quotes are used within port name no syntax error is reported but port name is removed from config after reboot
VOSS-31875	When 'auto-sense sd-wan vrf GlobalRouter' command is applied, the onboarding of new switches behind an SD-WAN appliance is not possible
CFD-12703	A switch reset may be encountered if the redis-server process dies
CFD-12740	Polling PSU mib reports incorrect value
CFD-12777	BGP: When configuring AS-list using 4-byte AS number, the AS-list configuration is lost on reboot of the switch
CFD-12785	CLI command 'show poe-main-status' not displaying PSU information correctly
CFD-12883	An unexpected reboot of the switch was triggered when configuring a dynamic I-SID (created by Radius VSA) to auto-sense
CFD-12916	APs directly connected to a Multi-Area Boundary node will experience connectivity issues over some network paths
VOSS-32188, VOSS-32189	No connectivity when ARPs updated with port TX-NNI and routed traffic dropped
CFD-13051	An unexpected reboot of a switch might be triggered by an improper handling of DNS and NTP related data causing a deadlock
CFD-13204, VOSS-32215	EDM: not able to edit ports from device physical view
CFD-13170	The APs become isolated when they send their first LLDP packet without FA TLV

**Problems Resolved in This Release**

CFD-12212, CFD-12363, CFD-12859, CFD-12501, CFD-12583, CFD-13216, VOSS-32047, VOSS-30739	5320: Memory optimizations are added to address various memory related issues (leaks, memory fragmentations)
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**Fixes from Previous Releases**

Fabric Engine 9.1.1.0 incorporates all fixes and content from previous releases including Fabric Engine 8.10.6.1, Fabric Engine 9.0.5.1 and Fabric Engine 9.1.0.1.

**OUTSTANDING ISSUES:**

Please see “Fabric Engine Release Notes for version 9.1.0.0” available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

**KNOWN LIMITATIONS:**

Please see “Fabric Engine Release Notes for version 9.1.0.0” 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/](http://www.extremenetworks.com/support/)

By Email: [support@extremenetworks.com](mailto:support@extremenetworks.com)

By Web: [www.extremenetworks.com/support/](http://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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