

Customer Release Notes

Fabric Engine

Software Release 8.8.3.0

July 2023

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:

Please see “New Features in this release” section below for more information.

IMPORTANT NOTES BEFORE UPGRADING TO THIS RELEASE:

Please see “Fabric Engine Release Notes for version 8.8.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

UPGRADE CONSIDERATIONS WHEN UPGRADING TO 8.8.3.0 FROM PREVIOUS RELEASES:

Please see “Fabric Engine Release Notes for version 8.8.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

PLATFORMS SUPPORTED:

Please see “Fabric Engine Release Notes for version 8.8.0” 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)
5320.8.8.3.0_edoc.tar	Logs Reference	64163840
5320.8.8.3.0.md5	MD5 Checksums	461
5320.8.8.3.0_mib_sup.txt	MIB - supported object names	1534448
5320.8.8.3.0_mib.txt	MIB - objects in the OID compile order	8196019
5320.8.8.3.0_mib.zip	Archive of all MIB files	1224786
5320.8.8.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
5320.8.8.3.0.sha512	SHA512 Checksums	1376
5320.8.8.3.0.voss	Software image	107837953
FabricEnginev880_HELP_EDM_gzip.zip	EDM Help file	4872456
restconf_yang.tgz	YANG model	506020

Extreme Switching 5420 Series

File Name	Module or File Type	File Size (bytes)
5420.8.8.3.0_edoc.tar	Logs Reference	64163840
5420.8.8.3.0.md5	MD5 Checksums	461
5420.8.8.3.0_mib_sup.txt	MIB - supported object names	1533524
5420.8.8.3.0_mib.txt	MIB - objects in the OID compile order	8196019
5420.8.8.3.0_mib.zip	Archive of all MIB files	1224786
5420.8.8.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
5420.8.8.3.0.sha512	SHA512 Checksums	1376
5420.8.8.3.0.voss	Software image	107496156
FabricEnginev880_HELP_EDM_gzip.zip	EDM Help file	4872456
restconf_yang.tgz	YANG model	506020

Extreme Switching 5520 Series

File Name	Module or File Type	File Size (bytes)
5520.8.8.3.0_edoc.tar	Logs Reference	64163840
5520.8.8.3.0.md5	MD5 Checksums	461
5520.8.8.3.0_mib_sup.txt	MIB - supported object names	1534081
5520.8.8.3.0_mib.txt	MIB - objects in the OID compile order	8196019
5520.8.8.3.0_mib.zip	Archive of all MIB files	1224786
5520.8.8.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
5520.8.8.3.0.sha512	SHA512 Checksums	1376
5520.8.8.3.0.voss	Software image	111988836

File Name	Module or File Type	File Size (bytes)
FabricEnginev880_HELP_EDM_gzip.zip	EDM Help file	4872456
restconf_yang.tgz	YANG model	506020

Extreme Switching 5720 Series

File Name	Module or File Type	File Size (bytes)
5720.8.8.3.0_edoc.tar	Logs Reference	64163840
5720.8.8.3.0.md5	MD5 Checksums	594
5720.8.8.3.0_mib_sup.txt	MIB - supported object names	1539085
5720.8.8.3.0_mib.txt	MIB - objects in the OID compile order	8196019
5720.8.8.3.0_mib.zip	Archive of all MIB files	1224786
5720.8.8.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
5720.8.8.3.0.sha512	SHA512 Checksums	1701
5720.8.8.3.0.voss	Software image	312857514
FabricEnginev880_HELP_EDM_gzip.zip	EDM Help file	4872456
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 5720.8.8.3.0.voss
software activate 8.8.3.0.GA
```

or

```
software add 5520.8.8.3.0.voss
software activate 8.8.3.0.GA
```

or

```
software add 5420.8.8.3.0.voss
software activate 8.8.3.0.GA
```

or

```
software add 5320.8.8.3.0.voss
software activate 8.8.3.0.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

VOSS-28120	Unable to bring up 25G interfaces when the optics were swapped between 10G and 25G
VOSS-28455	Added a warning for a case when after setting DHCP Untrusted on NNI links the DHCP frames were still forwarded
VOSS-28503	Wireless Client bridge solution not working on VOSS with "ip tcp adjust-mss enable" on the system
VOSS-28663	Switch unexpectedly reboots due to a memory leak
VOSS-28664	Multicast lite configuration for GRT is causing an unexpected crash when disabling routing in GRT
VOSS-28748	5320: Fan locked at full speed after an error condition detected
VOSS-28750	NTP not being enabled via ZTP+
VOSS-28758	No space left on intflash when runprof file oversized due to IPFix collector being unreachable
VOSS-28759	Switch rebooted twice after <i>show core-file</i> and during <i>show fulltech</i> when allcores.txt file got corrupted
VOSS-28760	5320: STP multi homing not retained after switch reboot
VOSS-28768	5320: Fans do not throttle down after upgrading
VOSS-28771	MAC address is visible on a wrong port on a MAC security enabled switch
VOSS-28772	System is not prompting for old password verification for users RO, L1, L2, L3 and RW on units that were upgraded
VOSS-28773	PoE stops working and recover after reboot
VOSS-28774	Layer 3 access-level permits change to Web username/password
VOSS-28775	5320 is able to boot to a config with an IP assigned to two VRF's
VOSS-28776	DVR: ECMP: Inter domain host routes sometimes utilize stale ECMP egress records
VOSS-28778	Can't delete SNMP server community due to corrupted snmp_comm_moc.txt file
VOSS-28782	EDM: BGP RemoteAs has an inconsistent value (ASPlain / ASDot notation)
VOSS-28783	Switch is sending "Cold-Start Trap" even after a warm reboot
VOSS-28803	End clients stuck in "authenticating" state and can't be reauthenticated if the reauthentication happens when the radius server is unreachable
VOSS-28984	Frame buffer oversubscription with a large number of ISIS adjacencies mitigated by staggering LSPs on a Virtual Node in a Multi-Area scaled network

Problems Resolved in This Release

VOSS-28990	" <i>show ip igmp interface</i> " command showing VLAN listed in both GRT as well as in VRF
VOSS-29039	Multicast traffic is not received if static data I-SID with IGMPv3 is configured
VOSS-29051	Improved the debug information for a memory corruption case causing an unexpected reboot
VOSS-29091	Trace 59 4 (LACP) doesn't show any logs for a link in Churn state

Fixes from Previous Releases

Fabric Engine 8.8.3.0 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 and Fabric Engine 8.8.2.

OUTSTANDING ISSUES:

Please see "Fabric Engine Release Notes for version 8.8.0" available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

KNOWN LIMITATIONS:

Please see "Fabric Engine Release Notes for version 8.8.0" 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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