

Customer Release Notes

Fabric Engine

Software Release 8.8.1.0

December 2022

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 8.8.1.0 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)
5320.8.8.1.0_edoc.tar	Logs Reference	64163840
5320.8.8.1.0.md5	MD5 Checksums	461
5320.8.8.1.0_mib_sup.txt	MIB - supported object names	1534448
5320.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
5320.8.8.1.0_mib.zip	Archive of all MIB files	1224734
5320.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
5320.8.8.1.0.sha512	SHA512 Checksums	1376
5320.8.8.1.0.voss	Software image	107234298
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)
5420.8.8.1.0_edoc.tar	Logs Reference	64163840
5420.8.8.1.0.md5	MD5 Checksums	461
5420.8.8.1.0_mib_sup.txt	MIB - supported object names	1533524
5420.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
5420.8.8.1.0_mib.zip	Archive of all MIB files	1224734
5420.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
5420.8.8.1.0.sha512	SHA512 Checksums	1376
5420.8.8.1.0.voss	Software image	106879864
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)
5520.8.8.1.0_edoc.tar	Logs Reference	64163840
5520.8.8.1.0.md5	MD5 Checksums	461
5520.8.8.1.0_mib_sup.txt	MIB - supported object names	1534081
5520.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
5520.8.8.1.0_mib.zip	Archive of all MIB files	1224734
5520.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
5520.8.8.1.0.sha512	SHA512 Checksums	1376
5520.8.8.1.0.voss	Software image	111428743

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)
5720.8.8.1.0_edoc.tar	Logs Reference	64163840
5720.8.8.1.0.md5	MD5 Checksums	594
5720.8.8.1.0_mib_sup.txt	MIB - supported object names	1539085
5720.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
5720.8.8.1.0_mib.zip	Archive of all MIB files	1224734
5720.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
5720.8.8.1.0.sha512	SHA512 Checksums	1701
5720.8.8.1.0.voss	Software image	312231200
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 5720.8.8.1.0.voss
software activate 8.8.1.0.GA
```

or

```
software add 5520.8.8.1.0.voss
software activate 8.8.1.0.GA
```

or

```
software add 5420.8.8.1.0.voss
software activate 8.8.1.0.GA
```

or

```
software add 5320.8.8.1.0.voss
software activate 8.8.1.0.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-26875	Route redistribution metric changes from default metric 1 to metric defined in route-map in few hours
VOSS-27043	TACACS server configuration is lost when upgrading from a release lower than 8.5.0 directly to 8.8.0
VOSS-27110	The subject certificate is no longer visible after an initial downgrade from a release 8.5.0.0 or higher to 8.2.8.0 followed by an upgrade to 8.5.2
VOSS-27144	Port lock is not generating the error message "Error: port x/x is locked" when trying to configure DHCP-snooping on the interface
VOSS-27159	Unable to delete an NTP restrict entry from switch
VOSS-27184	Unexpected reboot after a VLAN created with the IP Multicast Config-Lite feature was deleted then a different IP VLAN using an IP address was created
VOSS-27208	Static routes are still active when BFD session is down
VOSS-27209	VSP 4450 crashed with the following log message preceding the crash: "GlobalRouter ISIS INFO DeISender: srcPtr->ptrToDisid is not NULL"
VOSS-27210	5520 switch is not routing the traffic on one VLAN only, after recovering from a power outage
VOSS-27213	After disabling ECMP, ISIS may fail to remove the ECMP routes.
VOSS-27215	Transition from onboarding net to final radius assigned ISID does not always work
VOSS-27216	In Multi-Area VIST mode, a packet loss to various VoIP IPs was encountered after migrating connections from ERS4850
VOSS-27217	iBGP skipping lowest IGP cost for best path selection when ISIS SPBM is used
VOSS-27218	An unexpected reboot was encountered after a BGP password disable command
VOSS-27219	After reboot default SNMPv3 group "initial" becomes active even though deleted before reboot
VOSS-27220	IP Shortcut routes missing from RTM after bootup

Problems Resolved in This Release	
VOSS-27221	An unexpected reboot was encountered due to a memory depletion when the SSH X509 authentication is used
VOSS-27222	The year in the "dir -l -r" command is not shown correct
VOSS-27224	Auto-sense ports get disabled when EDM is used to add/remove ports to auto-sense data VLAN
VOSS-27361	Digital Twin: 5720: PSU not recognized
VOSS-27407	Continuous loop in multi area SPB pointing to VN-area
VOSS-27466	A resource leak condition is present when a VLAN with an associated I-SID of both type CVLAN and ELAN is deleted

Fixes from Previous Releases
Fabric Engine 8.8.1.0 incorporates all fixes from prior releases, up to and including VOSS 8.4.3.0, VOSS 8.5.3.0, Fabric Engine 8.6.1.2, Fabric Engine 8.7.0.1 and Fabric Engine 8.8.0.

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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