

Customer Release Notes

Fabric Engine

Software Release 8.10.6.0

November 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 8.10.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

UPGRADE CONSIDERATIONS WHEN UPGRADING TO 8.10.6.0 FROM PREVIOUS RELEASES:

Please see “Fabric Engine Release Notes for version 8.10.0” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

PLATFORMS SUPPORTED:

Please see “Fabric Engine Release Notes for version 8.10.0” 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)
5320.8.10.6.0_edoc.tar	Logs Reference	64583680
5320.8.10.6.0.md5	MD5 Checksums	470
5320.8.10.6.0_mib_sup.txt	MIB - supported object names	1542846
5320.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
5320.8.10.6.0_mib.zip	Archive of all MIB files	1231958
5320.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
5320.8.10.6.0.sha512	SHA512 Checksums	1386
5320.8.10.6.0.voss	Software image	110165731
FabricEnginev8.10.0_HELP_EDM_gzip.zip	EDM Help file	5062198
restconf_yang.tgz	YANG model	506020

Extreme Switching 5420 Series

File Name	Module or File Type	File Size (bytes)
5420.8.10.6.0_edoc.tar	Logs Reference	64583680
5420.8.10.6.0.md5	MD5 Checksums	470
5420.8.10.6.0_mib_sup.txt	MIB - supported object names	1541922
5420.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
5420.8.10.6.0_mib.zip	Archive of all MIB files	1231958
5420.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
5420.8.10.6.0.sha512	SHA512 Checksums	1386
5420.8.10.6.0.voss	Software image	109848279
FabricEnginev8.10.0_HELP_EDM_gzip.zip	EDM Help file	5062198
restconf_yang.tgz	YANG model	506020

Extreme Switching 5520 Series

File Name	Module or File Type	File Size (bytes)
5520.8.10.6.0_edoc.tar	Logs Reference	64583680
5520.8.10.6.0.md5	MD5 Checksums	470
5520.8.10.6.0_mib_sup.txt	MIB - supported object names	1540760
5520.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
5520.8.10.6.0_mib.zip	Archive of all MIB files	1231958
5520.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
5520.8.10.6.0.sha512	SHA512 Checksums	1386
5520.8.10.6.0.voss	Software image	117068742
FabricEnginev8.10.0_HELP_EDM_gzip.zip	EDM Help file	5062198
restconf_yang.tgz	YANG model	506020

Extreme Switching 5720 Series

File Name	Module or File Type	File Size (bytes)
5720.8.10.6.0_edoc.tar	Logs Reference	64583680
5720.8.10.6.0.md5	MD5 Checksums	603
5720.8.10.6.0_mib_sup.txt	MIB - supported object names	1547631
5720.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
5720.8.10.6.0_mib.zip	Archive of all MIB files	1231958
5720.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
5720.8.10.6.0.sha512	SHA512 Checksums	1711
5720.8.10.6.0.voss	Software image	318965474
FabricEnginev8.10.0_HELP_EDM_gzip.zip	EDM Help file	5062198
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)
7520.8.10.6.0_edoc.tar	Logs Reference	64583680
7520.8.10.6.0.md5	MD5 Checksums	603
7520.8.10.6.0_mib_sup.txt	MIB - supported object names	1543706
7520.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
7520.8.10.6.0_mib.zip	Archive of all MIB files	1231958
7520.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
7520.8.10.6.0.sha512	SHA512 Checksums	1711
7520.8.10.6.0.voss	Software image	319276236
FabricEnginev8.10.0_HELP_EDM_gzip.zip	EDM Help file	5062198
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)
7720.8.10.6.0_edoc.tar	Logs Reference	64583680
7720.8.10.6.0.md5	MD5 Checksums	603
7720.8.10.6.0_mib_sup.txt	MIB - supported object names	1541893
7720.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124

File Name	Module or File Type	File Size (bytes)
7720.8.10.6.0_mib.zip	Archive of all MIB files	1231958
7720.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
7720.8.10.6.0.sha512	SHA512 Checksums	1711
7720.8.10.6.0.voss	Software image	319276012
FabricEnginev8.10.0_HELP_EDM_gzip.zip	EDM Help file	5062198
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 7720.8.10.6.0.voss
software activate 8.10.6.0.GA
```

or

```
software add 7520.8.10.6.0.voss
software activate 8.10.6.0.GA
```

or

```
software add 5720.8.10.6.0.voss
software activate 8.10.6.0.GA
```

or

```
software add 5520.8.10.6.0.voss
software activate 8.10.6.0.GA
```

or

```
software add 5420.8.10.6.0.voss
software activate 8.10.6.0.GA
```

or

```
software add 5320.8.10.6.0.voss
software activate 8.10.6.0.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-10709	RESTCONF TACACS+ Authentication fails after 24h
CFD-11124	5320/5420: A continuous high rate of DHCP packets cause CPU going to 100%
CFD-11408, CFD-11508	Traffic is flooded in management VLAN's I-SID when SFLOW/ APP-Telemetry collector's MAC is aged out
CFD-11606	Static routes which point to RSMLT/vIST peer may trigger a crash after reboot
CFD-11612	OSPF BFD config on port is not saved in running config and is not retained post reboot
CFD-11677	Direct SNMP get requests for dot1qTpFdbPort unanswered
CFD-11683	VRRP addresses are not cleaned up from the ARP table if they are tied to a secondary IP address, within a VRF context
CFD-11732	Invalid arguments for a debug function may cause an unexpected reboot for ports not having SFP inserted
CFD-11814	Unexpected timeout when using Traceroute for a DVR destination
VOSS-31146	SNMPv3 not properly configured during ZTP+ onboarding
CFD-11866	7x20: Slow management performance when the box has IGMP snooping enabled and receives multicast traffic over NNI
CFD-11909	High CPU usage close to 497 days sysuptime rollover
CFD-11929	Debug was added to prevent a corrupted stack in a core after an unexpected reboot
CFD-11939	7x20: multicast data traffic handled on control plane despite no MC receiver or UNI port for I-SID
CFD-11948	"IP ERROR plsIpVpnUnInstallFtn: vrf 0 does not exist" error repeats in log msg
CFD-11950	7x20: when Inter-ISID traffic coming from a host in the Remote Area and destined for another host in the Remote Area is routed by a Boundary Node that receives the traffic redirected from its peer Boundary Node, the traffic is dropped
VOSS-31259	Error message "extended heartbeat timeout replies reached for process ssio" is intermittently seen in logs
CFD-12023	Connectivity loss encountered when one of the DVR V-IST peers is rebooted
VOSS-31320	VRRP not working on VLANs that are set as MGMT VLAN
CFD-12059	EAPOL guest I-SID change for all ports may trigger an unexpected reboot with core file
CFD-12128	When logging in from EDM, RADIUS Attribute User-Name is corrupted
CFD-12325	"Error: Operation not allowed" when assigning IP to existing VLAN
CFD-12398	EDM is not displaying correct info for ISIS adjacencies
CFD-12463	Added debug code to get more info about an unexpected reboot
CFD-12491	IPv6 default route(s) get lost for Mgmt VLAN Interface after saving the config and switch reboot

Problems Resolved in This Release

CFD-12587	An out of memory reboot may be triggered when DHCP Relay is used
CFD-12655	A slow memory leak is caused by a dynamic Radius ACL consistency check
VOSS-31872	When the source protocol for a given route is changing, then the route is not properly redistributed into OSPF domain

Fixes from Previous Releases

Fabric Engine 8.10.6.0 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 and Fabric Engine 8.10.5.0.

OUTSTANDING ISSUES:

Please see "Fabric Engine Release Notes for version 8.10.0" available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

KNOWN LIMITATIONS:

Please see "Fabric Engine Release Notes for version 8.10.0" 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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