

Customer Release Notes

Fabric Engine

Software Release 8.10.5.0

August 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 8.10.5.0 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)
5320.8.10.5.0_edoc.tar	Logs Reference	64583680
5320.8.10.5.0.md5	MD5 Checksums	470
5320.8.10.5.0_mib_sup.txt	MIB - supported object names	1542846
5320.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
5320.8.10.5.0_mib.zip	Archive of all MIB files	1231958
5320.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
5320.8.10.5.0.sha512	SHA512 Checksums	1386
5320.8.10.5.0.voss	Software image	111216523
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)
5420.8.10.5.0_edoc.tar	Logs Reference	64583680
5420.8.10.5.0.md5	MD5 Checksums	470
5420.8.10.5.0_mib_sup.txt	MIB - supported object names	1541922
5420.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
5420.8.10.5.0_mib.zip	Archive of all MIB files	1231958
5420.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
5420.8.10.5.0.sha512	SHA512 Checksums	1386
5420.8.10.5.0.voss	Software image	110881080
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)
5520.8.10.5.0_edoc.tar	Logs Reference	64583680
5520.8.10.5.0.md5	MD5 Checksums	470
5520.8.10.5.0_mib_sup.txt	MIB - supported object names	1540760
5520.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
5520.8.10.5.0_mib.zip	Archive of all MIB files	1231958
5520.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
5520.8.10.5.0.sha512	SHA512 Checksums	1386
5520.8.10.5.0.voss	Software image	118063648
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)
5720.8.10.5.0_edoc.tar	Logs Reference	64583680
5720.8.10.5.0.md5	MD5 Checksums	603
5720.8.10.5.0_mib_sup.txt	MIB - supported object names	1547631
5720.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
5720.8.10.5.0_mib.zip	Archive of all MIB files	1231958
5720.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
5720.8.10.5.0.sha512	SHA512 Checksums	1711
5720.8.10.5.0.voss	Software image	318936219
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)
7520.8.10.5.0_edoc.tar	Logs Reference	64583680
7520.8.10.5.0.md5	MD5 Checksums	603
7520.8.10.5.0_mib_sup.txt	MIB - supported object names	1543706
7520.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
7520.8.10.5.0_mib.zip	Archive of all MIB files	1231958
7520.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
7520.8.10.5.0.sha512	SHA512 Checksums	1711
7520.8.10.5.0.voss	Software image	319241029
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)
7720.8.10.5.0_edoc.tar	Logs Reference	64583680
7720.8.10.5.0.md5	MD5 Checksums	603
7720.8.10.5.0_mib_sup.txt	MIB - supported object names	1541893
7720.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124

File Name	Module or File Type	File Size (bytes)
7720.8.10.5.0_mib.zip	Archive of all MIB files	1231958
7720.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
7720.8.10.5.0.sha512	SHA512 Checksums	1711
7720.8.10.5.0.voss	Software image	319238562
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 7720.8.10.5.0.voss
software activate 8.10.5.0.GA
```

or

```
software add 7520.8.10.5.0.voss
software activate 8.10.5.0.GA
```

or

```
software add 5720.8.10.5.0.voss
software activate 8.10.5.0.GA
```

or

```
software add 5520.8.10.5.0.voss
software activate 8.10.5.0.GA
```

or

```
software add 5420.8.10.5.0.voss
software activate 8.10.5.0.GA
```

or

```
software add 5320.8.10.5.0.voss
software activate 8.10.5.0.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-10671	"web-server help-tftp" entry cannot be removed from the configuration or defaulted by CLI
CFD-10755	Trunk in Datapath is not consistent with MLT config
CFD-11000	After upgrading/rebooting, one VIST node was stuck in a state where the Control Plane's routing table had installed the routes correctly, however the routes were completely missing in the Datapath
CFD-11010	LACP Sys-id incorrectly displayed for SMLT/LACP in show lacp interface command
CFD-11076	Crash & boot loop due to password file corruption after upgrade from release 8.2.7 to release stream 8.10.x or power loss causing stack corruption in file parsing function
CFD-11134	Discrepancy between Alarms Logs Reference Guide and Switch Log
CFD-11116	A crash with core file out of memory was encountered on a scenario with route redistribution from other protocols into ISIS
CFD-11133	MGMT VLAN unreachable when I-SID is configured after MGMT VLAN instance is configured
CFD-11150	A 5320 crashed with out of memory logs due to a flaw in the code handling the Linux journal
CFD-11156	Multi-area Boundary Node did not correctly update inter-area redistribution of route when route was coming from both home and remote areas
CFD-11183	"show lldp neighbor detail" command stuck in a loop if LLDP neighbor index is $> 2^{16}$
CFD-11345	In cases where a VRF is accepting the same route from multiple VRF contexts using ISIS, and then the primary route goes down, the VRF may not switch over to the secondary route properly
CFD-11351	Traffic on secondary BVLAN destined to Area Border Router not working on a Boundary Node with VIST and VRF scaling
CFD-11354	EDM hangs after upgrade to 8.10.x
CFD-11411	The XMC response is slow 7520 platforms when retrieving power information
CFD-11418	ip dhcp-snooping binding disappears from config when the cable is removed from a port with an EAP authenticated client
CFD-11432	VSP7x20: After upgrade to 8.10.x all APs fail to get a valid IP address, but servicing clients succeed
CFD-11475	OID for Power Supply not working on 7x20
CFD-11504	7x20: A switch rebooted with core file after "show sys-info power" command
CFD-11511	A switch may unexpectedly crash generating core dump when processing certificate info
CFD-11527	IPFIX greyed out in EDM
CFD-11688	A switch may unexpectedly crash generating a core dump when processing MLT names
CFD-11710	An unexpected crash occurred when Telegraf CPU stats variables were used with out-of-range values
CFD-11836	OSPF LSA types 7/5 do not operate as expected on NSSA ABR

Fixes from Previous Releases

Fabric Engine 8.10.5.0 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 and Fabric Engine 8.10.4.0.

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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