

# Customer Release Notes

## Fabric Engine

Software Release 8.10.2.0

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

### UPGRADE CONSIDERATIONS WHEN UPGRADING TO 8.10.2.0 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) |
|---------------------------------------|--|-------------------|
| 5320.8.10.2.0_edoc.tar                | Logs Reference                               | 64583680          |
| 5320.8.10.2.0.md5                     | MD5 Checksums                                | 470               |
| 5320.8.10.2.0_mib_sup.txt             | MIB - supported object names                 | 1542846           |
| 5320.8.10.2.0_mib.txt                 | MIB - objects in the OID compile order       | 8242124           |
| 5320.8.10.2.0_mib.zip                 | Archive of all MIB files                     | 1231958           |
| 5320.8.10.2.0_oss-notice.html         | Open-source software - Master copyright file | 2785868           |
| 5320.8.10.2.0.sha512                  | SHA512 Checksums                             | 1386              |
| 5320.8.10.2.0.voss                    | Software image                               | 114227274         |
| 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) |
|---------------------------------------|--|-------------------|
| 5420.8.10.2.0_edoc.tar                | Logs Reference                               | 64583680          |
| 5420.8.10.2.0.md5                     | MD5 Checksums                                | 470               |
| 5420.8.10.2.0_mib_sup.txt             | MIB - supported object names                 | 1541922           |
| 5420.8.10.2.0_mib.txt                 | MIB - objects in the OID compile order       | 8242124           |
| 5420.8.10.2.0_mib.zip                 | Archive of all MIB files                     | 1231958           |
| 5420.8.10.2.0_oss-notice.html         | Open-source software - Master copyright file | 2785868           |
| 5420.8.10.2.0.sha512                  | SHA512 Checksums                             | 1386              |
| 5420.8.10.2.0.voss                    | Software image                               | 113923180         |
| 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) |
|---------------------------------------|--|-------------------|
| 5520.8.10.2.0_edoc.tar                | Logs Reference                               | 64583680          |
| 5520.8.10.2.0.md5                     | MD5 Checksums                                | 470               |
| 5520.8.10.2.0_mib_sup.txt             | MIB - supported object names                 | 1540760           |
| 5520.8.10.2.0_mib.txt                 | MIB - objects in the OID compile order       | 8242124           |
| 5520.8.10.2.0_mib.zip                 | Archive of all MIB files                     | 1231958           |
| 5520.8.10.2.0_oss-notice.html         | Open-source software - Master copyright file | 2785868           |
| 5520.8.10.2.0.sha512                  | SHA512 Checksums                             | 1386              |
| 5520.8.10.2.0.voss                    | Software image                               | 120127503         |
| 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) |
|---------------------------------------|--|-------------------|
| 5720.8.10.2.0_edoc.tar                | Logs Reference                               | 64583680          |
| 5720.8.10.2.0.md5                     | MD5 Checksums                                | 603               |
| 5720.8.10.2.0_mib_sup.txt             | MIB - supported object names                 | 1547631           |
| 5720.8.10.2.0_mib.txt                 | MIB - objects in the OID compile order       | 8242124           |
| 5720.8.10.2.0_mib.zip                 | Archive of all MIB files                     | 1231958           |
| 5720.8.10.2.0_oss-notice.html         | Open-source software - Master copyright file | 2785868           |
| 5720.8.10.2.0.sha512                  | SHA512 Checksums                             | 1711              |
| 5720.8.10.2.0.voss                    | Software image                               | 322270615         |
| 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) |
|---------------------------------------|--|-------------------|
| 7520.8.10.2.0_edoc.tar                | Logs Reference                               | 64583680          |
| 7520.8.10.2.0.md5                     | MD5 Checksums                                | 603               |
| 7520.8.10.2.0_mib_sup.txt             | MIB - supported object names                 | 1543706           |
| 7520.8.10.2.0_mib.txt                 | MIB - objects in the OID compile order       | 8242124           |
| 7520.8.10.2.0_mib.zip                 | Archive of all MIB files                     | 1231958           |
| 7520.8.10.2.0_oss-notice.html         | Open-source software - Master copyright file | 2785868           |
| 7520.8.10.2.0.sha512                  | SHA512 Checksums                             | 1711              |
| 7520.8.10.2.0.voss                    | Software image                               | 322582800         |
| 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) |
|---------------------------|--|-------------------|
| 7720.8.10.2.0_edoc.tar    | Logs Reference                         | 64583680          |
| 7720.8.10.2.0.md5         | MD5 Checksums                          | 603               |
| 7720.8.10.2.0_mib_sup.txt | MIB - supported object names           | 1541893           |
| 7720.8.10.2.0_mib.txt     | MIB - objects in the OID compile order | 8242124           |

| File Name                             | Module or File Type                          | File Size (bytes) |
|---------------------------------------|--|-------------------|
| 7720.8.10.2.0_mib.zip                 | Archive of all MIB files                     | 1231958           |
| 7720.8.10.2.0_oss-notice.html         | Open-source software - Master copyright file | 2785868           |
| 7720.8.10.2.0.sha512                  | SHA512 Checksums                             | 1711              |
| 7720.8.10.2.0.voss                    | Software image                               | 322567952         |
| 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 7720.8.10.2.0.voss
software activate 8.10.2.0.GA
```

**or**

```
software add 7520.8.10.2.0.voss
software activate 8.10.2.0.GA
```

**or**

```
software add 5720.8.10.2.0.voss
software activate 8.10.2.0.GA
```

**or**

```
software add 5520.8.10.2.0.voss
software activate 8.10.2.0.GA
```

**or**

```
software add 5420.8.10.2.0.voss
software activate 8.10.2.0.GA
```

**or**

```
software add 5320.8.10.2.0.voss
software activate 8.10.2.0.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**

VOSS-29084 - Enhancement: runprof file being written to during above 80% CPU utilization

**Old Features Removed From This Release**

None

**Problems Resolved in This Release**

|            |  |
|------------|--|
| VOSS-28175 | 5520-48W: VOSS 40G DAC cable Shows no LED light  |
| VOSS-29093 | SLPP "Auto-recovery-delay timer" does not reset by error-disable event   |
| VOSS-29189 | VOSS 8.10.x: FA authentication with configured key is not working after reboot   |
| VOSS-29201 | Using BGP Peer Group causes incorrect BGP config line  |
| VOSS-29245 | Using AutoSense NNI-Onboarding with ISIS keys and dual homed ZTP node, the new switch does not receive any DHCP reply from the uplink switches                                     |
| VOSS-29251 | Cannot add interface to MLT with 1G optic inserted   |
| VOSS-29290 | Switch crashed and rebooted with core files when using TACACS authentication   |
| VOSS-29305 | Persistent DVR host flapping on DVR leaves leads to "GlobalRouter DVR ERROR L3_ENTRY table limit reached, no additional DVR Host Routes can be added" condition on DVR controllers |
| VOSS-29325 | 40Gb to 10Gb breakout cable is not working   |
| VOSS-29337 | After an SNMP GET operation for a BGP OID, the switch cored and rebooted   |
| VOSS-29340 | When setting DHCP relay forward path from SNMP, source port used is 0, if not configured explicitly  |
| VOSS-29374 | "show ip bgp route x.x.x.x/24 longer prefixes" is not showing expected result  |
| VOSS-29385 | Disabling MACsec causes crash with core-file   |
| VOSS-29469 | SDWAN traffic is not passing through Fabric Extend tunnel.   |
| VOSS-29490 | Sflow data is not received by collector when sourced from mgmt vlan IP   |
| VOSS-29498 | IPv6 default route is getting redistributed into ISIS but not going into routing table   |
| VOSS-29505 | SNMP (EDM, XIQ-SE) query does not display full FDB table entries of ISID/T-UNI which are not platform VLAN associated  |
| VOSS-29528 | 7520-48Y-8C - OOB IP connectivity issue.   |

**Fixes from Previous Releases**

Fabric Engine 8.10.2.0 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 8.10.1.0.

**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/](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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