

Customer Release Notes

Fabric Engine

Software Release 8.6.1.1

July, 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 8.6.1” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

UPGRADE CONSIDERATIONS WHEN UPGRADING TO 8.6.1.1 FROM PREVIOUS RELEASES:

Please see “Fabric Engine Release Notes for version 8.6.1” available at <https://www.extremenetworks.com/support/release-notes> for details about upgrading.

PLATFORMS SUPPORTED:

Please see “Fabric Engine Release Notes for version 8.6.1” 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)
5320.8.6.1.1_edoc.tar	Logs Reference	64061440
5320.8.6.1.1.md5	MD5 Checksums	461
5320.8.6.1.1_mib_sup.txt	MIB - supported object names	1525848
5320.8.6.1.1_mib.txt	MIB - objects in the OID compile order	8159168
5320.8.6.1.1_mib.zip	Archive of all MIB files	1219154
5320.8.6.1.1_oss-notice.html	Open source software - Master copyright file	2785868
5320.8.6.1.1.sha512	SHA512 Checksums	1376
5320.8.6.1.1.voss	Software image	102460785
FabricEnginev860_HELP_EDM_gzip.zip	EDM Help file	4613738
restconf_yang.tgz	YANG model	506020

Extreme Switching 5420 Series

File Name	Module or File Type	File Size (bytes)
5420.8.6.1.1_edoc.tar	Logs Reference	64061440
5420.8.6.1.1.md5	MD5 Checksums	461
5420.8.6.1.1_mib_sup.txt	MIB - supported object names	1524924
5420.8.6.1.1_mib.txt	MIB - objects in the OID compile order	8159168
5420.8.6.1.1_mib.zip	Archive of all MIB files	1219154
5420.8.6.1.1_oss-notice.html	Open source software - Master copyright file	2785868
5420.8.6.1.1.sha512	SHA512 Checksums	1376
5420.8.6.1.1.voss	Software image	102063052
FabricEnginev860_HELP_EDM_gzip.zip	EDM Help file	4613738
restconf_yang.tgz	YANG model	506020

Extreme Switching 5520 Series

File Name	Module or File Type	File Size (bytes)
5520.8.6.1.1_edoc.tar	Logs Reference	64061440
5520.8.6.1.1.md5	MD5 Checksums	461
5520.8.6.1.1_mib_sup.txt	MIB - supported object names	1525481
5520.8.6.1.1_mib.txt	MIB - objects in the OID compile order	8159168
5520.8.6.1.1_mib.zip	Archive of all MIB files	1219154
5520.8.6.1.1_oss-notice.html	Open source software - Master copyright file	2785868
5520.8.6.1.1.sha512	SHA512 Checksums	1376
5520.8.6.1.1.voss	Software image	106081975

File Name	Module or File Type	File Size (bytes)
FabricEnginev860_HELP_EDM_gzip.zip	EDM Help file	4613738
restconf_yang.tgz	YANG model	506020

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 5520.8.6.1.1.voss
software activate 8.6.1.1.GA
```

or

```
software add 5420.8.6.1.1.voss
software activate 8.6.1.1.GA
```

or

```
software add 5320.8.6.1.1.voss
software activate 8.6.1.1.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**

5420 UBOOT updated to 2.3.2.6

Old Features Removed From This Release

None.

Problems Resolved in This Release

VOSS-25985	VSP7400 crashed in task cbc-p-main.x in thread tTrapd due to the SNMP local packet pointer becoming NULL from the previous target pointer
VOSS-26033	VSP7400 8.6.0.1: Does not form adjacency with its peer after an upgrade from VOSS-8.4.3.0 – details here
VOSS-26132	“virtual-service copy-file” command is not working in 8.6
VOSS-26530	VSP7400 8.6.1: Switch stopped forwarding traffic – details here
VOSS-26536	VSP 7400 8.6.1: vIST nodes not learning arp for any end devices or its other VSP peers due to continuous RX queue 6 packet drops – details here

Fixes from Previous Releases

Fabric Engine 8.6.1.1 incorporates all fixes from prior releases, up to and including VOSS 8.4.3.0, VOSS 8.5.1.0 (VOSS 8.5.2.0 fixes are **not** included in Fabric Engine 8.6.1.1) and Fabric Engine 8.6.1.0.

OUTSTANDING ISSUES:

Please see “Fabric Engine Release Notes for version 8.6.1” available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

KNOWN LIMITATIONS:

Please see “Fabric Engine Release Notes for version 8.6.1” 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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