

Customer Release Notes

VSP Operating System Software

Software Release 8.10.5.0

August 2024

INTRODUCTION:

This document provides specific information for version 8.10.5.0 of agent software for the VSP Operating System Software.

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 VOSS 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 "VOSS Release Notes for version 8.10.0" available at
<https://www.extremenetworks.com/support/release-notes>

UPGRADE CONSIDERATIONS WHEN UPGRADING TO 8.10.5.0 FROM PREVIOUS RELEASES:

Please see "VOSS Release Notes for version 8.10.0" available at
<https://www.extremenetworks.com/support/release-notes>

PLATFORMS SUPPORTED:

Please see "VOSS 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 Access 1400 Series

File Name	Module or File Type	File Size (bytes)
VOSS1400.8.10.5.0_edoc.tar	Logs Reference	64563200
VOSS1400.8.10.5.0.md5	MD5 Checksums	433
VOSS1400.8.10.5.0_mib_sup.txt	MIB - supported object names	1182217
VOSS1400.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS1400.8.10.5.0_mib.zip	Archive of all MIB files	1231958
VOSS1400.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS1400.8.10.5.0.sha512	SHA512 Checksums	1257
VOSS1400.8.10.5.0.tgz	Release 8.10.5.0 archived software distribution	320007107
VOSSv8.10.0_HELP_EDM_gzip.zip	EDM Help file	5217896

Virtual Services Platform 4400 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS4400.8.10.5.0_edoc.tar	Logs Reference	64563200
VOSS4400.8.10.5.0.md5	MD5 Checksums	485
VOSS4400.8.10.5.0_mib_sup.txt	MIB - supported object names	1520618
VOSS4400.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS4400.8.10.5.0_mib.zip	Archive of all MIB files	1231958
VOSS4400.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4400.8.10.5.0.sha512	SHA512 Checksums	1405
VOSS4400.8.10.5.0.tgz	Release 8.10.5.0 archived software distribution	127391249
VOSSv8.10.0_HELP_EDM_gzip.zip	EDM Help file	5217896

Virtual Services Platform 4900 Series

File Name	Module or File Type	File Size (bytes)
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	4641982464
VOSS4900.8.10.5.0_edoc.tar	Logs Reference	64563200
VOSS4900.8.10.5.0.md5	MD5 Checksums	618
VOSS4900.8.10.5.0_mib_sup.txt	MIB - supported object names	1546796
VOSS4900.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS4900.8.10.5.0_mib.zip	Archive of all MIB files	1231958
VOSS4900.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4900.8.10.5.0.sha512	SHA512 Checksums	1730
VOSS4900.8.10.5.0.tgz	Release 8.10.5.0 archived software distribution	319713623

File Name	Module or File Type	File Size (bytes)
VOSSv8.10.0_HELP_EDM_gzip.zip	EDM Help file	5217896

Virtual Services Platform 7200 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS7200.8.10.5.0_edoc.tar	Logs Reference	64563200
VOSS7200.8.10.5.0.md5	MD5 Checksums	485
VOSS7200.8.10.5.0_mib_sup.txt	MIB - supported object names	1486000
VOSS7200.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS7200.8.10.5.0_mib.zip	Archive of all MIB files	1231958
VOSS7200.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7200.8.10.5.0.sha512	SHA512 Checksums	1405
VOSS7200.8.10.5.0.tgz	Release 8.10.5.0 archived software distribution	156383131
VOSSv8.10.0_HELP_EDM_gzip.zip	EDM Help file	5217896

Virtual Services Platform 7400 Series

File Name	Module or File Type	File Size (bytes)
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
VOSS7400.8.10.5.0_edoc.tar	Logs Reference	64563200
VOSS7400.8.10.5.0.md5	MD5 Checksums	618
VOSS7400.8.10.5.0_mib_sup.txt	MIB - supported object names	1543706
VOSS7400.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS7400.8.10.5.0_mib.zip	Archive of all MIB files	1231958
VOSS7400.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7400.8.10.5.0.sha512	SHA512 Checksums	1730
VOSS7400.8.10.5.0.tgz	Release 8.10.5.0 archived software distribution	319245359
VOSSv8.10.0_HELP_EDM_gzip.zip	EDM Help file	5217896

Virtual Services Platform 8200 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS8200.8.10.5.0_edoc.tar	Logs Reference	64563200
VOSS8200.8.10.5.0.md5	MD5 Checksums	485
VOSS8200.8.10.5.0_mib_sup.txt	MIB - supported object names	1486000
VOSS8200.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124

File Name	Module or File Type	File Size (bytes)
VOSS8200.8.10.5.0_mib.zip	Archive of all MIB files	1231958
VOSS8200.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8200.8.10.5.0.sha512	SHA512 Checksums	1405
VOSS8200.8.10.5.0.tgz	Release 8.10.5.0 archived software distribution	156384503
VOSSv8.10.0_HELP_EDM_gzip.zip	EDM Help file	5217896

Virtual Services Platform 8400 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS8400.8.10.5.0_edoc.tar	Logs Reference	64563200
VOSS8400.8.10.5.0.md5	MD5 Checksums	485
VOSS8400.8.10.5.0_mib_sup.txt	MIB - supported object names	1486000
VOSS8400.8.10.5.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS8400.8.10.5.0_mib.zip	Archive of all MIB files	1231958
VOSS8400.8.10.5.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8400.8.10.5.0.sha512	SHA512 Checksums	1405
VOSS8400.8.10.5.0.tgz	Release 8.10.5.0 archived software distribution	233554507
VOSSv8.10.0_HELP_EDM_gzip.zip	EDM Help file	5217896

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 VOSS4400.8.10.5.0.tgz
software activate 8.10.5.0.GA
```

or

```
software add VOSS4900.8.10.5.0.tgz
software activate 8.10.5.0.GA
```

or

```
software add VOSS7200.8.10.5.0.tgz
software activate 8.10.5.0.GA
```

or

```
software add VOSS7400.8.10.5.0.tgz  
software activate 8.10.5.0.GA
```

or

```
software add VOSS8200.8.10.5.0.tgz  
software activate 8.10.5.0.GA
```

or

```
software add VOSS8400.8.10.5.0.tgz  
software activate 8.10.5.0.GA
```

or

```
software add VOSS1400.8.10.5.0.tgz  
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-10712	VSP4900-24XE: Repeating link bounce on port in VIM5-4X with 10307 DAC
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-11108	VSP4450: Logs "COP-SW ERROR vsp4k_CpuPacketClassify" show on both vIST switches VSP-4450GSX-PWR+ after reboot
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-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-11418	ip dhcp-snooping binding disappears from config when the cable is removed from a port with an EAP authenticated client
VOSS-30835	VSP7400: Extreme Optics reporting 70+°C and Fan speed remains low
VOSS-30840	Dropping ARP reply packet destined for its peer when received in different VLAN and needs to be bridged out to the destined VLAN
CFD-11432	VSP7400: After upgrade to 8.10.x all APs fail to get a valid IP address, but servicing clients succeed
CFD-11492	VSP7200: Added additional debug capabilities to monitor temperature in case this log is seen: "temperature (60 C) exceeded the critical alarm threshold (60 C). Module will be shut at (60 C)"
CFD-11511	A switch may unexpectedly crash generating a 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

Problems Resolved in This Release

CFD-11836	OSPF LSA types 7/5 do not operate as expected on NSSA ABR
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Fixes from Previous Releases

VOSS 8.10.5.0 incorporates all fixes from prior releases, up to and including VOSS 7.1.11.0, VOSS 8.0.9.0, VOSS 8.1.10.0, VOSS 8.2.8.0, VOSS 8.3.1.0, VOSS 8.4.3.0, VOSS 8.5.4.0, VOSS 8.6.1.2, VOSS 8.7.0.1, VOSS 8.8.3.0, VOSS 8.9.0.0 and VOSS 8.10.4.0.

OUTSTANDING ISSUES:

Please see “VOSS 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 “VOSS 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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