

Customer Release Notes

VSP Operating System Software

Software Release 8.10.6.0

November 2024

INTRODUCTION:

This document provides specific information for version 8.10.6.0 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 8.10.6.0 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)
VOSS1400.8.10.6.0_edoc.tar	Logs Reference	64563200
VOSS1400.8.10.6.0.md5	MD5 Checksums	433
VOSS1400.8.10.6.0_mib_sup.txt	MIB - supported object names	1182217
VOSS1400.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS1400.8.10.6.0_mib.zip	Archive of all MIB files	1231958
VOSS1400.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS1400.8.10.6.0.sha512	SHA512 Checksums	1257
VOSS1400.8.10.6.0.tgz	Release 8.10.6.0 archived software distribution	320063283
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
VOSS4400.8.10.6.0_edoc.tar	Logs Reference	64563200
VOSS4400.8.10.6.0.md5	MD5 Checksums	485
VOSS4400.8.10.6.0_mib_sup.txt	MIB - supported object names	1520618
VOSS4400.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS4400.8.10.6.0_mib.zip	Archive of all MIB files	1231958
VOSS4400.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4400.8.10.6.0.sha512	SHA512 Checksums	1405
VOSS4400.8.10.6.0.tgz	Release 8.10.6.0 archived software distribution	127651231
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
VOSS4900.8.10.6.0_edoc.tar	Logs Reference	64563200
VOSS4900.8.10.6.0.md5	MD5 Checksums	618
VOSS4900.8.10.6.0_mib_sup.txt	MIB - supported object names	1546796
VOSS4900.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS4900.8.10.6.0_mib.zip	Archive of all MIB files	1231958
VOSS4900.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4900.8.10.6.0.sha512	SHA512 Checksums	1730
VOSS4900.8.10.6.0.tgz	Release 8.10.6.0 archived software distribution	319781584

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
VOSS7200.8.10.6.0_edoc.tar	Logs Reference	64563200
VOSS7200.8.10.6.0.md5	MD5 Checksums	485
VOSS7200.8.10.6.0_mib_sup.txt	MIB - supported object names	1486000
VOSS7200.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS7200.8.10.6.0_mib.zip	Archive of all MIB files	1231958
VOSS7200.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7200.8.10.6.0.sha512	SHA512 Checksums	1405
VOSS7200.8.10.6.0.tgz	Release 8.10.6.0 archived software distribution	156465785
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
VOSS7400.8.10.6.0_edoc.tar	Logs Reference	64563200
VOSS7400.8.10.6.0.md5	MD5 Checksums	618
VOSS7400.8.10.6.0_mib_sup.txt	MIB - supported object names	1543706
VOSS7400.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS7400.8.10.6.0_mib.zip	Archive of all MIB files	1231958
VOSS7400.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7400.8.10.6.0.sha512	SHA512 Checksums	1730
VOSS7400.8.10.6.0.tgz	Release 8.10.6.0 archived software distribution	319273703
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
VOSS8200.8.10.6.0_edoc.tar	Logs Reference	64563200
VOSS8200.8.10.6.0.md5	MD5 Checksums	485
VOSS8200.8.10.6.0_mib_sup.txt	MIB - supported object names	1486000
VOSS8200.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124

File Name	Module or File Type	File Size (bytes)
VOSS8200.8.10.6.0_mib.zip	Archive of all MIB files	1231958
VOSS8200.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8200.8.10.6.0.sha512	SHA512 Checksums	1405
VOSS8200.8.10.6.0.tgz	Release 8.10.6.0 archived software distribution	156464649
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
VOSS8400.8.10.6.0_edoc.tar	Logs Reference	64563200
VOSS8400.8.10.6.0.md5	MD5 Checksums	485
VOSS8400.8.10.6.0_mib_sup.txt	MIB - supported object names	1486000
VOSS8400.8.10.6.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS8400.8.10.6.0_mib.zip	Archive of all MIB files	1231958
VOSS8400.8.10.6.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8400.8.10.6.0.sha512	SHA512 Checksums	1405
VOSS8400.8.10.6.0.tgz	Release 8.10.6.0 archived software distribution	233678414
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 VOSS4400.8.10.6.0.tgz
software activate 8.10.6.0.GA
```

or

```
software add VOSS4900.8.10.6.0.tgz
software activate 8.10.6.0.GA
```

or

```
software add VOSS7200.8.10.6.0.tgz
software activate 8.10.6.0.GA
```

or

```
software add VOSS7400.8.10.6.0.tgz  
software activate 8.10.6.0.GA
```

or

```
software add VOSS8200.8.10.6.0.tgz  
software activate 8.10.6.0.GA
```

or

```
software add VOSS8400.8.10.6.0.tgz  
software activate 8.10.6.0.GA
```

or

```
software add VOSS1400.8.10.6.0.tgz  
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-11389 CFD-11898	VSP 4450: Unexpected reboot with core file
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	VSP7400: 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	VSP7400: 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	VSP7400: 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

Problems Resolved in This Release

CFD-12491	IPv6 default route(s) get lost for Mgmt VLAN Interface after saving the config and switch reboot
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

VOSS 8.10.6.0 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 8.10.5.0.

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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