

Customer Release Notes

VSP Operating System Software

Software Release 8.10.3.0

January 2024

INTRODUCTION:

This document provides specific information for version 8.10.3.0 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 8.10.3.0 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)
VOSS1400.8.10.3.0_edoc.tar	Logs Reference	64552960
VOSS1400.8.10.3.0.md5	MD5 Checksums	433
VOSS1400.8.10.3.0_mib_sup.txt	MIB - supported object names	1182217
VOSS1400.8.10.3.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS1400.8.10.3.0_mib.zip	Archive of all MIB files	1231958
VOSS1400.8.10.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS1400.8.10.3.0.sha512	SHA512 Checksums	1257
VOSS1400.8.10.3.0.tgz	Release 8.10.3.0 archived software distribution	319899870
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
VOSS4400.8.10.3.0_edoc.tar	Logs Reference	64552960
VOSS4400.8.10.3.0.md5	MD5 Checksums	485
VOSS4400.8.10.3.0_mib_sup.txt	MIB - supported object names	1520618
VOSS4400.8.10.3.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS4400.8.10.3.0_mib.zip	Archive of all MIB files	1231958
VOSS4400.8.10.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4400.8.10.3.0.sha512	SHA512 Checksums	1405
VOSS4400.8.10.3.0.tgz	Release 8.10.3.0 archived software distribution	127334038
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
VOSS4900.8.10.3.0_edoc.tar	Logs Reference	64552960
VOSS4900.8.10.3.0.md5	MD5 Checksums	618
VOSS4900.8.10.3.0_mib_sup.txt	MIB - supported object names	1546796
VOSS4900.8.10.3.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS4900.8.10.3.0_mib.zip	Archive of all MIB files	1231958
VOSS4900.8.10.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4900.8.10.3.0.sha512	SHA512 Checksums	1730
VOSS4900.8.10.3.0.tgz	Release 8.10.3.0 archived software distribution	324229243

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
VOSS7200.8.10.3.0_edoc.tar	Logs Reference	64552960
VOSS7200.8.10.3.0.md5	MD5 Checksums	485
VOSS7200.8.10.3.0_mib_sup.txt	MIB - supported object names	1486000
VOSS7200.8.10.3.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS7200.8.10.3.0_mib.zip	Archive of all MIB files	1231958
VOSS7200.8.10.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7200.8.10.3.0.sha512	SHA512 Checksums	1405
VOSS7200.8.10.3.0.tgz	Release 8.10.3.0 archived software distribution	156317354
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
VOSS7400.8.10.3.0_edoc.tar	Logs Reference	64552960
VOSS7400.8.10.3.0.md5	MD5 Checksums	618
VOSS7400.8.10.3.0_mib_sup.txt	MIB - supported object names	1543706
VOSS7400.8.10.3.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS7400.8.10.3.0_mib.zip	Archive of all MIB files	1231958
VOSS7400.8.10.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7400.8.10.3.0.sha512	SHA512 Checksums	1730
VOSS7400.8.10.3.0.tgz	Release 8.10.3.0 archived software distribution	323754340
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
VOSS8200.8.10.3.0_edoc.tar	Logs Reference	64552960
VOSS8200.8.10.3.0.md5	MD5 Checksums	485
VOSS8200.8.10.3.0_mib_sup.txt	MIB - supported object names	1486000
VOSS8200.8.10.3.0_mib.txt	MIB - objects in the OID compile order	8242124

File Name	Module or File Type	File Size (bytes)
VOSS8200.8.10.3.0_mib.zip	Archive of all MIB files	1231958
VOSS8200.8.10.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8200.8.10.3.0.sha512	SHA512 Checksums	1405
VOSS8200.8.10.3.0.tgz	Release 8.10.3.0 archived software distribution	156320658
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
VOSS8400.8.10.3.0_edoc.tar	Logs Reference	64552960
VOSS8400.8.10.3.0.md5	MD5 Checksums	485
VOSS8400.8.10.3.0_mib_sup.txt	MIB - supported object names	1486000
VOSS8400.8.10.3.0_mib.txt	MIB - objects in the OID compile order	8242124
VOSS8400.8.10.3.0_mib.zip	Archive of all MIB files	1231958
VOSS8400.8.10.3.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8400.8.10.3.0.sha512	SHA512 Checksums	1405
VOSS8400.8.10.3.0.tgz	Release 8.10.3.0 archived software distribution	233450000
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 VOSS4400.8.10.3.0.tgz
software activate 8.10.3.0.GA
```

or

```
software add VOSS4900.8.10.3.0.tgz
software activate 8.10.3.0.GA
```

or

```
software add VOSS7200.8.10.3.0.tgz
software activate 8.10.3.0.GA
```

or

```
software add VOSS7400.8.10.3.0.tgz  
software activate 8.10.3.0.GA
```

or

```
software add VOSS8200.8.10.3.0.tgz  
software activate 8.10.3.0.GA
```

or

```
software add VOSS8400.8.10.3.0.tgz  
software activate 8.10.3.0.GA
```

or

```
software add VOSS1400.8.10.3.0.tgz  
software activate 8.10.3.0.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

VOSS-29368	"tMAIN latency is HIGH !" logs and sluggish CLI when SFLOW is enabled having unreachable collectors
VOSS-29392	A crash may be generated in cbcP-main.x in thread tMainTask while processing LLDP packets
VOSS-29452, VOSS-29616	For an SSIO crash a debug command was implemented to disable ports shutdown during the exception handling
VOSS-29488	Debug traces were added for a case when MAC and ARP tables not in sync after VM migration
VOSS-29596	L3_ENTRY ipv4 host routes/total counters show negative values after DVR controller is removed and added back to DVR domain by toggling ISIS
VOSS-29668	ZTP+ process stops before completing when unit has default settings
VOSS-29690	TACACS crash on authentication with longer than 127 characters password
VOSS-29696	The management VLAN becomes unreachable after software upgrade in a scenario when it inherits the same MAC address as VOSS VLAN
VOSS-29709	When ARP packet is hitting the trusted port "SW WARNING ARP Inspection: ARP packet with invalid IP/MAC binding dropped on untrusted port " logs are noticed
VOSS-29710	Logical L2 core ISIS interface shown as operational UP even though underlying port is down
VOSS-29719	XA1480 - After a FW failover, traffic still being sent to the now inactive FW
VOSS-29729	Software LinkScan not catching short Local/Remote Fault events
VOSS-29730	POE powered devices get disconnected following a short power supply outage on 4900 and 5420 switches
VOSS-29741	RIP configuration causes switch to generate core dump and reboot
CFD-9986	MACs from other nodes learnt against sys-id instead of shared-virtual-bmac
VOSS-29770	Routed traffic failure from wireless users after roaming from Cisco Wireless solution side to Extreme Cloud wireless side
VOSS-29803	DVR-one-IP interface the option "state-disabled" is missing
CFD-10089	VSP 7400: When ETREE isolated switched uni c-vid is configured with the same value as the primary vlan id, the c-vid is remapped to secondary vlan id causing traffic to egress tagged with secondary vlan id instead of the configured c-vid
CFD-10104	LLDP neighbor flaps on multiple links when the switch reached 497 days of up time
VOSS-29838	Command "monitor ip vrrp stat gig verbose" causes switch to crash at 8.8
CFD-10127	SLPP-Guard, not triggered when inVSN ACL is configured on edge ports on a DVR Leaf
VOSS-29863	DVR redistributed routes are not cleared properly
CFD-10161	VOSS 8.10.1.0: DVR redistribute on BGP still announces already migrated hosts

Problems Resolved in This Release	
CFD-10162	40G-ESR4-QSFP400M-NT was not recognized as a 40G optic with AN, speed, interface and other MAC/PHY configurations not properly set
VOSS-29934	I-sid mirroring home to remote traffic is not forwarded by the BN
CFD-10179	"ip igmp static-group ... blocked" command fails to be saved correctly
VOSS-29980	VOSS switches deployed in fabric edge 10G uplink don't re-link properly after VOSS reboots
VOSS-29983	VSP7400 - CPLD version display. Add "BOOT CPLD(CPU)" and "UART(CPU)"
CFD-10216	After an upgrade to 8.10.1.0 passwords between 25 and 32 characters length are not accepted in EDM login
CFD-10243	Connectivity issue with the following log seen: " <i>COP-SW ERROR ercdProcArpRecMsg: Failed to Add Arp Record for IP A.B.C.D code 00010f9d</i> "
CFD-10253	The switch rebooted unexpectedly with core file when processing IPv6 packets
CFD-10265	DHCP-Snooping Trusted lost on LACP MLT interface on reboot
VOSS-30019	Sustained above 80% CPU utilization pegging thread smtslave on the VIST slave node
VOSS-30035	BGP: Next-hop-self setting not saved across reboot
VOSS-30089	Intermittent - Traffic loss after MACSEC MKA key refresh
CFD-10364	The switch rebooted with core when doing a "show logging file name-of-file log.xxx include "mgmt"
VOSS-30125	Radius (RFC5176): Disconnect with VSA PORTBOUNCE needs to clear the session after bounce
VOSS-30126	intflash not readable when SFLOW is enabled and the port leading to collectors shuts down
VOSS-30149	show khi cpp port-statistics spbm-internal-ports moved back into dbg mode

Fixes from Previous Releases

VOSS 8.10.3.0 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 8.10.2.0.

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.
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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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