

Customer Release Notes

VSP Operating System Software

Software Release 8.8.1.0

December 2022

INTRODUCTION:

This document provides specific information for version 8.8.1.0 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:

Please see “New Features in this release” section below for more information.

IMPORTANT NOTES BEFORE UPGRADING TO THIS RELEASE:

Please see “VOSS Release Notes for version 8.8.0” available at
<https://www.extremenetworks.com/support/release-notes>

UPGRADE CONSIDERATIONS WHEN UPGRADING TO 8.8.1.0 FROM PREVIOUS RELEASES:

Please see “VOSS Release Notes for version 8.8.0” available at
<https://www.extremenetworks.com/support/release-notes>

PLATFORMS SUPPORTED:

Please see “VOSS Release Notes for version 8.8.0” 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)
VOSS1400.8.8.1.0_edoc.tar	Logs Reference	64143360
VOSS1400.8.8.1.0.md5	MD5 Checksums	424
VOSS1400.8.8.1.0_mib_sup.txt	MIB - supported object names	1175949
VOSS1400.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
VOSS1400.8.8.1.0_mib.zip	Archive of all MIB files	1224734
VOSS1400.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS1400.8.8.1.0.sha512	SHA512 Checksums	1247
VOSS1400.8.8.1.0.tgz	Release 8.8.1.0 archived software distribution	305393478
VOSSv880_HELP_EDM_gzip.zip	EDM Help file	5340433

Virtual Services Platform 4400 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS4400.8.8.1.0_edoc.tar	Logs Reference	64143360
VOSS4400.8.8.1.0.md5	MD5 Checksums	476
VOSS4400.8.8.1.0_mib_sup.txt	MIB - supported object names	1514505
VOSS4400.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
VOSS4400.8.8.1.0_mib.zip	Archive of all MIB files	1224734
VOSS4400.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4400.8.8.1.0.sha512	SHA512 Checksums	1395
VOSS4400.8.8.1.0.tgz	Release 8.8.1.0 archived software distribution	123797006
VOSSv880_HELP_EDM_gzip.zip	EDM Help file	5340433

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
VOSS4900.8.8.1.0_edoc.tar	Logs Reference	64143360
VOSS4900.8.8.1.0.md5	MD5 Checksums	609
VOSS4900.8.8.1.0_mib_sup.txt	MIB - supported object names	1538400
VOSS4900.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
VOSS4900.8.8.1.0_mib.zip	Archive of all MIB files	1224734

File Name	Module or File Type	File Size (bytes)
VOSS4900.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS4900.8.8.1.0.sha512	SHA512 Checksums	1720
VOSS4900.8.8.1.0.tgz	Release 8.8.1.0 archived software distribution	305738196
VOSSv880_HELP_EDM_gzip.zip	EDM Help file	5340433

Virtual Services Platform 7200 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS7200.8.8.1.0_edoc.tar	Logs Reference	64143360
VOSS7200.8.8.1.0.md5	MD5 Checksums	476
VOSS7200.8.8.1.0_mib_sup.txt	MIB - supported object names	1479967
VOSS7200.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
VOSS7200.8.8.1.0_mib.zip	Archive of all MIB files	1224734
VOSS7200.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7200.8.8.1.0.sha512	SHA512 Checksums	1395
VOSS7200.8.8.1.0.tgz	Release 8.8.1.0 archived software distribution	151321729
VOSSv880_HELP_EDM_gzip.zip	EDM Help file	5340433

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
VOSS7400.8.8.1.0_edoc.tar	Logs Reference	64143360
VOSS7400.8.8.1.0.md5	MD5 Checksums	609
VOSS7400.8.8.1.0_mib_sup.txt	MIB - supported object names	1535390
VOSS7400.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
VOSS7400.8.8.1.0_mib.zip	Archive of all MIB files	1224734
VOSS7400.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS7400.8.8.1.0.sha512	SHA512 Checksums	1720
VOSS7400.8.8.1.0.tgz	Release 8.8.1.0 archived software distribution	305464723
VOSSv880_HELP_EDM_gzip.zip	EDM Help file	5340433

Virtual Services Platform 8200 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS8200.8.8.1.0_edoc.tar	Logs Reference	64143360

File Name	Module or File Type	File Size (bytes)
VOSS8200.8.8.1.0.md5	MD5 Checksums	476
VOSS8200.8.8.1.0_mib_sup.txt	MIB - supported object names	1479967
VOSS8200.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
VOSS8200.8.8.1.0_mib.zip	Archive of all MIB files	1224734
VOSS8200.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8200.8.8.1.0.sha512	SHA512 Checksums	1395
VOSS8200.8.8.1.0.tgz	Release 8.8.1.0 archived software distribution	151332199
VOSSv880_HELP_EDM_gzip.zip	EDM Help file	5340433

Virtual Services Platform 8400 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS8400.8.8.1.0_edoc.tar	Logs Reference	64143360
VOSS8400.8.8.1.0.md5	MD5 Checksums	476
VOSS8400.8.8.1.0_mib_sup.txt	MIB - supported object names	1479967
VOSS8400.8.8.1.0_mib.txt	MIB - objects in the OID compile order	8195883
VOSS8400.8.8.1.0_mib.zip	Archive of all MIB files	1224734
VOSS8400.8.8.1.0_oss-notice.html	Open-source software - Master copyright file	2785868
VOSS8400.8.8.1.0.sha512	SHA512 Checksums	1395
VOSS8400.8.8.1.0.tgz	Release 8.8.1.0 archived software distribution	223787660
VOSSv880_HELP_EDM_gzip.zip	EDM Help file	5340433

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 VOSS4400.8.8.1.0.tgz
software activate 8.8.1.0.GA
```

or

```
software add VOSS4900.8.8.1.0.tgz
software activate 8.8.1.0.GA
```

or

```
software add VOSS7200.8.8.1.0.tgz
software activate 8.8.1.0.GA
```

or

```
software add VOSS7400.8.8.1.0.tgz
software activate 8.8.1.0.GA
```

or

```
software add VOSS8200.8.8.1.0.tgz
software activate 8.8.1.0.GA
```

or

```
software add VOSS8400.8.8.1.0.tgz
software activate 8.8.1.0.GA
```

or

```
software add VOSS1400.8.8.1.0.tgz
software activate 8.8.1.0.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-26875	Route redistribution metric changes from default metric 1 to metric defined in route-map in few hours
VOSS-27043	TACACS server configuration is lost when upgrading from a release lower than 8.5.0 directly to 8.8.0
VOSS-27110	The subject certificate is no longer visible after an initial downgrade from a release 8.5.0.0 or higher to 8.2.8.0 followed by an upgrade to 8.5.2
VOSS-27144	Port lock is not generating the error message "Error: port x/x is locked" when trying to configure DHCP-snooping on the interface
VOSS-27159	Unable to delete an NTP restrict entry from switch
VOSS-27184	Unexpected reboot after a VLAN created with the IP Multicast Config-Lite feature was deleted then a different IP VLAN using an IP address was created
VOSS-27208	Static routes are still active when BFD session is down
VOSS-27209	VSP 4450 crashed with the following log message preceding the crash: "GlobalRouter ISIS INFO DelSender: srcPtr->ptrToDisid is not NULL"
VOSS-27210	5520 switch is not routing the traffic on one VLAN only, after recovering from a power outage
VOSS-27211	VSP8400: After power outage many ports remained down on one node and up on remote end of 10G copper link
VOSS-27212	VSP8400: After power outage many ports were functionally up as well as the front panel LEDs are Lit and green, yet no traffic was traversing these affected ports
VOSS-27213	After disabling ECMP, ISIS may fail to remove the ECMP routes.
VOSS-27214	XA1400: QoS traffic not entering the correct internal QoS queue for FE tunnel
VOSS-27215	Transition from onboarding net to final radius assigned ISID does not always work
VOSS-27216	In Multi-Area VIST mode, a packet loss to various VoIP IPs was encountered after migrating connections from ERS4850
VOSS-27217	iBGP skipping lowest IGP cost for best path selection when ISIS SPBM is used
VOSS-27218	An unexpected reboot was encountered after a BGP password disable command
VOSS-27219	After reboot default SNMPv3 group "initial" becomes active even though deleted before reboot
VOSS-27220	IP Shortcut routes missing from RTM after bootup

Problems Resolved in This Release	
VOSS-27221	An unexpected reboot was encountered due to a memory depletion when the SSH X509 authentication is used
VOSS-27222	The year in the "dir -l -r" command is not shown correct
VOSS-27223	Link on 10GigBiDi40KM SFPs between VSP 7254 and VSP 7448 either is flapping or does not come up until shut/no shut
VOSS-27224	Auto-sense ports get disabled when EDM is used to add/remove ports to auto-sense data VLAN
VOSS-27361	Digital Twin: 5720: PSU not recognized
VOSS-27407	Continuous loop in multi area SPB pointing to VN-area
VOSS-27466	A resource leak condition is present when a VLAN with an associated I-SID of both type CVLAN and ELAN is deleted

Fixes from Previous Releases
VOSS 8.8.1.0 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 8.5.3.0, VOSS 8.6.1.2, VOSS 8.7.0.1 and VOSS 8.8.0.

OUTSTANDING ISSUES:

Please see "VOSS Release Notes for version 8.8.0" available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

KNOWN LIMITATIONS:

Please see "VOSS Release Notes for version 8.8.0" 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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