

# Customer Release Notes

## VSP Operating System Software

Software Release 8.10.4.0

June 2024

### INTRODUCTION:

This document provides specific information for version 8.10.4.0 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/](http://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 8.10.4.0 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) |
|-----------------------------------|---|-------------------|
| VOSS1400.8.10.4.0_edoc.tar        | Logs Reference                                  | 64563200          |
| VOSS1400.8.10.4.0.md5             | MD5 Checksums                                   | 433               |
| VOSS1400.8.10.4.0_mib_sup.txt     | MIB - supported object names                    | 1182217           |
| VOSS1400.8.10.4.0_mib.txt         | MIB - objects in the OID compile order          | 8242124           |
| VOSS1400.8.10.4.0_mib.zip         | Archive of all MIB files                        | 1231958           |
| VOSS1400.8.10.4.0_oss-notice.html | Open-source software - Master copyright file    | 2785868           |
| VOSS1400.8.10.4.0.sha512          | SHA512 Checksums                                | 1257              |
| VOSS1400.8.10.4.0.tgz             | Release 8.10.4.0 archived software distribution | 319997335         |
| 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            |
| VOSS4400.8.10.4.0_edoc.tar        | Logs Reference                                  | 64563200          |
| VOSS4400.8.10.4.0.md5             | MD5 Checksums                                   | 485               |
| VOSS4400.8.10.4.0_mib_sup.txt     | MIB - supported object names                    | 1520618           |
| VOSS4400.8.10.4.0_mib.txt         | MIB - objects in the OID compile order          | 8242124           |
| VOSS4400.8.10.4.0_mib.zip         | Archive of all MIB files                        | 1231958           |
| VOSS4400.8.10.4.0_oss-notice.html | Open-source software - Master copyright file    | 2785868           |
| VOSS4400.8.10.4.0.sha512          | SHA512 Checksums                                | 1405              |
| VOSS4400.8.10.4.0.tgz             | Release 8.10.4.0 archived software distribution | 127391599         |
| 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        |
| VOSS4900.8.10.4.0_edoc.tar          | Logs Reference                                  | 64563200          |
| VOSS4900.8.10.4.0.md5               | MD5 Checksums                                   | 618               |
| VOSS4900.8.10.4.0_mib_sup.txt       | MIB - supported object names                    | 1546796           |
| VOSS4900.8.10.4.0_mib.txt           | MIB - objects in the OID compile order          | 8242124           |
| VOSS4900.8.10.4.0_mib.zip           | Archive of all MIB files                        | 1231958           |
| VOSS4900.8.10.4.0_oss-notice.html   | Open-source software - Master copyright file    | 2785868           |
| VOSS4900.8.10.4.0.sha512            | SHA512 Checksums                                | 1730              |
| VOSS4900.8.10.4.0.tgz               | Release 8.10.4.0 archived software distribution | 324335417         |

| 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            |
| VOSS7200.8.10.4.0_edoc.tar        | Logs Reference                                  | 64563200          |
| VOSS7200.8.10.4.0.md5             | MD5 Checksums                                   | 485               |
| VOSS7200.8.10.4.0_mib_sup.txt     | MIB - supported object names                    | 1486000           |
| VOSS7200.8.10.4.0_mib.txt         | MIB - objects in the OID compile order          | 8242124           |
| VOSS7200.8.10.4.0_mib.zip         | Archive of all MIB files                        | 1231958           |
| VOSS7200.8.10.4.0_oss-notice.html | Open-source software - Master copyright file    | 2785868           |
| VOSS7200.8.10.4.0.sha512          | SHA512 Checksums                                | 1405              |
| VOSS7200.8.10.4.0.tgz             | Release 8.10.4.0 archived software distribution | 156378277         |
| 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        |
| VOSS7400.8.10.4.0_edoc.tar          | Logs Reference                                  | 64563200          |
| VOSS7400.8.10.4.0.md5               | MD5 Checksums                                   | 618               |
| VOSS7400.8.10.4.0_mib_sup.txt       | MIB - supported object names                    | 1543706           |
| VOSS7400.8.10.4.0_mib.txt           | MIB - objects in the OID compile order          | 8242124           |
| VOSS7400.8.10.4.0_mib.zip           | Archive of all MIB files                        | 1231958           |
| VOSS7400.8.10.4.0_oss-notice.html   | Open-source software - Master copyright file    | 2785868           |
| VOSS7400.8.10.4.0.sha512            | SHA512 Checksums                                | 1730              |
| VOSS7400.8.10.4.0.tgz               | Release 8.10.4.0 archived software distribution | 323845329         |
| 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            |
| VOSS8200.8.10.4.0_edoc.tar    | Logs Reference                         | 64563200          |
| VOSS8200.8.10.4.0.md5         | MD5 Checksums                          | 485               |
| VOSS8200.8.10.4.0_mib_sup.txt | MIB - supported object names           | 1486000           |
| VOSS8200.8.10.4.0_mib.txt     | MIB - objects in the OID compile order | 8242124           |

| File Name                         | Module or File Type                             | File Size (bytes) |
|-----------------------------------|---|-------------------|
| VOSS8200.8.10.4.0_mib.zip         | Archive of all MIB files                        | 1231958           |
| VOSS8200.8.10.4.0_oss-notice.html | Open-source software - Master copyright file    | 2785868           |
| VOSS8200.8.10.4.0.sha512          | SHA512 Checksums                                | 1405              |
| VOSS8200.8.10.4.0.tgz             | Release 8.10.4.0 archived software distribution | 156373611         |
| 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            |
| VOSS8400.8.10.4.0_edoc.tar        | Logs Reference                                  | 64563200          |
| VOSS8400.8.10.4.0.md5             | MD5 Checksums                                   | 485               |
| VOSS8400.8.10.4.0_mib_sup.txt     | MIB - supported object names                    | 1486000           |
| VOSS8400.8.10.4.0_mib.txt         | MIB - objects in the OID compile order          | 8242124           |
| VOSS8400.8.10.4.0_mib.zip         | Archive of all MIB files                        | 1231958           |
| VOSS8400.8.10.4.0_oss-notice.html | Open-source software - Master copyright file    | 2785868           |
| VOSS8400.8.10.4.0.sha512          | SHA512 Checksums                                | 1405              |
| VOSS8400.8.10.4.0.tgz             | Release 8.10.4.0 archived software distribution | 233532217         |
| 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 VOSS4400.8.10.4.0.tgz
software activate 8.10.4.0.GA
```

**or**

```
software add VOSS4900.8.10.4.0.tgz
software activate 8.10.4.0.GA
```

**or**

```
software add VOSS7200.8.10.4.0.tgz
software activate 8.10.4.0.GA
```

**or**

```
software add VOSS7400.8.10.4.0.tgz  
software activate 8.10.4.0.GA
```

**or**

```
software add VOSS8200.8.10.4.0.tgz  
software activate 8.10.4.0.GA
```

**or**

```
software add VOSS8400.8.10.4.0.tgz  
software activate 8.10.4.0.GA
```

**or**

```
software add VOSS1400.8.10.4.0.tgz  
software activate 8.10.4.0.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-29161                            | Warning "Aux1 High Warning Monitoring Not Implemented" seen in logs   |
| VOSS-29828                            | VSP 7200/8400: Admin disabled ports are up on remote devices after reboot   |
| CFD-10122                             | VSP7400 reported "KHI ERROR no more free proc entry, need to increase KHI_MAX_NUM_PROCESSES" message  |
| CFD-10142                             | If the ZTP+ process is started before the switch can obtain an IP from DHCP and DNS, the ZTP+ process may fail  |
| CFD-10170                             | XA1480 is operating at 10F when hard set to 100F with auto-neg disabled on both ends  |
| CFD-10189                             | When flow control boot config flag is set and there is multicast traffic in VLAN1, after some time, the control packets may not be sent out from CPU  |
| CFD-10307                             | Enhanced debug capability for a rare case when I-SID disappears from V-IST peer, causing intermittent connectivity for clients – run " <i>dbg enable</i> " and " <i>sh-execute dumpBufferlsid</i> "   |
| CFD-10397                             | A core switch crashed when running fulltech in a scaled environment   |
| CFD-10398                             | IP-Address in SNMP-Trap is displayed in wrong order   |
| VOSS-30141                            | BGP: When having same route coming from both an iBGP and eBGP peer and iBGP one is seen as best, the one coming from the eBGP peer is still advertised to the iBGP peer                               |
| CFD-10404                             | DVR Leaf: After a reboot clients fail to get an IP address when the number of endpoints exceeds 256   |
| CFD-10410                             | A switch may crash after executing CLI command " <i>certificate install-file &lt;filename&gt;</i> "   |
| CFD-10418,<br>CFD-11048,<br>CFD-11234 | An improperly connected console port may lead to a socket leak and crash  |
| CFD-10422                             | After disabling primary route to 10.52.250.224/28, the secondary (statically configured) route from different VSP doesn't work  |
| VOSS-30157                            | With stp-multi-homing enabled on V-IST peers, several IPs were not reachable after a peer restart   |
| CFD-10448                             | A switch rebooted unexpectedly due to an internal incomplete message  |
| CFD-10464                             | 4th OSPF interface cannot be changed to a different interface without reboot  |
| CFD-10468                             | A switch unexpectedly rebooted when using internal debug show commands  |
| CFD-10482,<br>CFD-10745               | VSP4450: Intermittent VLACP link flaps were seen along with a large amount of " <i>VLACP pkts sequence number mismatched</i> " error messages on different types of switches when linked to a VSP4450 |
| CFD-10498                             | SLPP does not work for management VLAN when NNI is connected  |
| CFD-10499                             | Debug added for an unexpected reboot related to a file descriptor leak  |

| <b>Problems Resolved in This Release</b> |  |
|--|--|
| CFD-10515                                | VSP7400: ARP requests are not sent by the VSP7400 to another switch in a MultiArea SPB setup   |
| CFD-10596,<br>CFD-10683                  | Slow memory leak leading to OOM crash  |
| CFD-10601                                | ACL redirect next hop inVLAN does not work in 8.10   |
| CFD-10627                                | Experiencing high CPU utilization when switching from multicast lite to IGMP snooping (on L2VSNs), and also when multicast data is received in the management VLAN with no IP address configured |
| CFD-10642                                | BGP route-policy-in set-preference is not working on reboot or BGP bounce unless BGP neighborship is toggled or BGP is restarted   |
| CFD-10649                                | A switch may crash when attempting to dump EEPROM for a non-SFP port   |
| CFD-10709                                | RESTCONF TACACS+ Authentication fails after 24h  |
| CFD-10715                                | TRAP value is being sent as an INTEGER and not matching the InetPortNumber/Unsigned32 definition in the MIB  |
| CFD-10742                                | LACP ActorOperState cannot be removed until either a reboot or connection comes up   |
| CFD-10747                                | CLI display issue for EAP Dynamic-MHSA   |
| CFD-10780                                | Wrong high temperature (127 DegC) exceeds the shutdown threshold warning   |
| CFD-10792                                | Change of Metric for static routes are not allowed through EDM   |
| CFD-10836,<br>CFD-10886                  | VSP7400-32C: sFlow-Datagrams are not sent when using NLS Management VLAN as agent IP   |
| VOSS-30389                               | Multiple BGP peers flaps after one link flap   |
| CFD-10885                                | 10G-T-SF (10338) copper SFP will not link again if removed and re-inserted   |
| CFD-11032                                | VSP7400: VIST going down with ISIS adjacencies remaining UP  |
| CFD-11045                                | VSP7448 switch log "100GbSR4 supported transceiver may require software upgrade" and port is not coming UP   |
| CFD-11089                                | ZTP+ is not upgrading VOSS firmware, but shows "Successfully upgraded " in XIQ-SE  |
| CFD-11139                                | BGP updates containing the Extended Community Attribute are not accepted, causing the associated routes to not be installed in the RTM   |

| <b>Fixes from Previous Releases</b>   |
|---|
| VOSS 8.10.4.0 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 8.10.3.0. |

### **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/](http://www.extremenetworks.com/support/)

By Email: [support@extremenetworks.com](mailto:support@extremenetworks.com)

By Web: [www.extremenetworks.com/support/](http://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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