**Extreme** networks

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# Customer Release Notes

## Virtual Services Platform 8600 Series

Software Release 8.1.2.0
November 2022

### INTRODUCTION:

This document provides specific information for version 8.1.2.0 of agent software for the VSP 8600.

The purpose of this version is to address customer and internally found software issues.

> **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/

### IMPORTANT NOTES BEFORE UPGRADING TO THIS RELEASE:

A separate backup of the configuration file should be performed if a downgrade is carried out.

### PLATFORMS SUPPORTED:

Virtual Services Platform VSP 8608

### SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES:

None.

### NOTES FOR UPGRADE:

Please see "Release Notes for VSP 8600" for software release 8.1.0, available at
https://www.extremenetworks.com/support/release-notes for details regarding Known Limitations.

## FILE NAMES FOR THIS RELEASE:

| File Name | Module or File Type | File Size (bytes) |
|---|---|---|
| VOSS8600.8.1.2.0.tgz | Release 8.1.2.0 archived software distribution | 184232043 |
| VOSS8600.8.1.2.0_mib.zip | Archive of all MIB files | 1156835 |
| VOSS8600.8.1.2.0_mib.txt | MIB file | 7668631 |
| VOSS8600.8.1.2.0_mib_sup.txt | MIB file | 1159472 |
| VOSS86v810_HELP_EDM_gzip.zip | EDM Help file | 5127813 |
| VOSS8600.8.1.2.0.md5 | MD5 Checksums | 426 |
| VOSS8600.8.1.2.0.sha512 | SHA512 Checksums | 1249 |

**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 VOSS8600.8.1.2.0.tgz

software activate VOSS8600.8.1.2.0.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**

| ID | Description |
|---|---|
| VOSS-21277 | Packets incorrectly handled on Flex_UNI untagged port |
| VOSS-21853 | Enhanced the output for "show khi performance rx-queue" with new counters for queues and packet types; enhanced the log stating that 60 percent of fbufs are in use by outlining the packet types in the most utilized queue |
| VOSS-22967 | Error log "ERROR ercdProcArpRecMsg: Failed to Add Arp Record for IP…" when the number of ARPs learned on device exceeds the Egress Encapsulation DB table limit |
| VOSS-25892 | Unicast traffic is not forwarded if VRRP gateways are in another SPB area in a MultiArea setup |
| VOSS-25998 | Unexpected CP switchover due to an SSIO crash from a stuck semaphore. Log message "Master CP changed to slot" was seen. |
| VOSS-26223 | Master CP failed RCA – for troubleshooting purposes a new log file was introduced: ha_mst.log. The log file records mastership changes in the ha_mst library. Logs are saved independently on Master and Standby CP |
| VOSS-26358 | Unexpected IO or slave card reset after performing CP switchover in HA mode. Sometimes after switchover, the cards did not reconnect to the namServer running on the new master, thus their software did not detect any master in the chassis. |
| VOSS-26561 | OSPF is down for a VLAN after the CPU switchover |
| VOSS-26796 | LSA doesn't get withdrawn and re-issued when the forwarding address goes down. |
| VOSS-26993 | OSPF interface cost configuration switches to default after HA CPU switchover |
| VOSS-27077 | IPV6 DHCP over L3VSN not working. |

## OUTSTANDING ISSUES:

Please see "Release Notes for VSP 8600" for software release 8.1.0 available at
https://www.extremenetworks.com/support/release-notes for details regarding Known Issues.

## KNOWN LIMITATIONS:

Please see "Release Notes for VSP 8600" for software release 8.1.0 available at
https://www.extremenetworks.com/support/release-notes for details regarding Known Limitations.

| ID | Description | Workaround |
|---|---|---|
| VOSS-12399 | VSP8600 with LACP MLT ports configured as SMLT and no VIST configured may cause LACP link state instability | Fix configuration error |

## 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.