

Customer Release Notes

VSP Operating System Software

Software Release 8.1.2.0

March 2020

INTRODUCTION:

This document provides specific information for version 8.1.2.0 of agent software for the VSP Operating System Software.

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/

NEW IN THIS RELEASE:

A consistency check was added to prevent configuration of VRRP VRID 37 or 38 when DVR is enabled and vice versa.

IMPORTANT NOTES BEFORE UPGRADING TO THIS RELEASE:

If upgrading systems from either release 4.2.1.0 or release 4.2.1.1 that have ISIS enabled link(s) configured with HMAC-MD5 authentication, then you need to perform the procedure described in the section **SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES** in order to avoid potential network connectivity loss.

If upgrading systems running 4.1.X releases which also have TACACS+ enabled, refer to the section **SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES** for upgrade instructions.

If upgrading systems running 6.0.x releases or older, refer to the section **SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES** for instructions about the need to step-through a 6.1.x release prior to going to 7.1.x release.

UPGRADE CONSIDERATION WHEN UPGRADING TO 8.1.2.0 FROM PREVIOUS RELEASE:

If you have a vlan X with vrrp instance of 37 provisioned and functional on a node running with several other vlans with dvr enabled, upon upgrade to 8.1.2.0 VRRP configuration for instance 37 is removed from that vlan X. This would cause traffic loss for those devices of that vlan X. Recommend renumbering the vrrp instance ids to other than 37 and 38 on that Vlan before upgrading.

DVR uses the same multicast addresses as vrrp id 37 and 38 for its DVR controller and leaf implementation.

PLATFORMS SUPPORTED:

Virtual Services Platform 4400 Series

Virtual Services Platform VSP 4450GSX-PWR+
 Virtual Services Platform VSP 4450GSX-DC
 Virtual Services Platform VSP 4450GTX-HT-PWR+

Virtual Services Platform 4900 Series

Virtual Services Platform VSP 4900-48P

Virtual Services Platform 7200 Series

Virtual Services Platform VSP 7254XSQ
 Virtual Services Platform VSP 7254XTQ

Virtual Services Platform 7400 Series

Virtual Services Platform VSP 7432CQ
 Virtual Services Platform VSP 7400-48Y-8C

Virtual Services Platform 8200 Series

Virtual Services Platform 8284XSQ

Virtual Services Platform 8400 Series

Virtual Services Platform 8404
 Virtual Services Platform 8404C

ExtremeAccess Platform XA1400 Series

ExtremeAccess Platform 1440
 ExtremeAccess Platform 1480

SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES:

1. The following procedure should be followed when upgrading systems running one of the following two releases, 4.2.1.0 or 4.2.1.1 which also have ISIS enabled links with HMAC-MD5 authentication on:

Disable ISIS authentication throughout the network a system at a time, a link at a time by disabling it on either side of each link, ensuring the link is stable before moving to the next. When a system has been reconfigured free of ISIS HMAC-MD5 authentication in all of its links, save the configuration file and perform the upgrade to release 4.2.3.0 or greater. After all these systems have been upgraded to release 4.2.3.0 or greater, you may re-enable authentication a system at a time, a link at a time and save the configuration file in each of the involved systems.

Example:

```
VSP:1(config)#interface gigabitethernet x/y
VSP:1(config-if)#no isis hello-auth
VSP:1(config-if)#save config
VSP:1(config-if)# PERFORM THE UPGRADE
VSP:1(config)#interface gigabitethernet x/y
VSP:1(config-if)# isis hello-auth type hmac-md5 key <keyname> [key-id
<keyed>]
VSP:1(config-if)#save config
```

2. The following procedure should be followed when upgrading systems running 4.1.X releases which also have TACACS+ enabled on:

When you upgrade from VOSS 4.1.X to VOSS 4.2 or a higher release, the TACACS+ host configurations will be lost. After the upgrade, the TACACS+ host configurations will not take effect so you must reconfigure them. After you make the configurations, you must save the changes on the device. You should also save the configuration to a file to retain the configuration settings.

3. Upgrading DVR configurations from releases 6.0.1.1 and earlier to 6.0.1.2 and beyond.
 - a. All DVR nodes must be upgraded to the same release.
 - b. All DVR leaves should be upgraded first.
4. Upgrading from releases 6.0.x and earlier
 - a. Direct upgrade from 6.0.x or earlier releases to 7.x releases is not supported.
 - b. Please upgrade to a 6.1.x release first (Release 6.1.6.0 or higher is recommended). Then upgrade to the desired 7.x release (Release 7.1.1.0 or higher recommended).

Review items 5, 6, and 7 if the ISIS L1 area is `00.1515.fee1.900d.1515.fee1.900d`, `00.0000.0000` or all zero's.

5. Legacy ZTF Procedures for Releases 7.0.0.0 - 7.1.2.0, 8.0.0.0, 8.0.1.0, and 8.0.5.0
 - a. Boot with factory-defaults fabric.
 - b. ISIS manual-area set to `00.0000.0000`, Dynamically Learned Area (DLA) displayed as `00.0000.0000` and ISIS enabled with other parameters.
 - c. HELLO PDUs not sent.
 - d. Listen on active ISIS interfaces for ISIS HELLO with non-zero Area ID. Zeros of any length up to 13 bytes are considered a zero value.
 - e. When an ISIS HELLO with a non-zero Area ID is received, use that area ID as the DLA and start sending HELLO with DLA on all ISIS interfaces.
 - f. DLA set and displayed as learned in the previous step.
 - g. Saving the configuration will save into the configuration file `manual-area 00.0000.0000`.
 - h. Boot with the saved configuration. The ZTF procedures are triggered. ISIS interfaces in passive mode not sending ISIS HELLOs. Only process incoming ISIS HELLO with non-zero Area ID.

Note: You can reach the fourth step by manually configuring the ISIS/SPBM with a manual-area equal to 0 (all values of 0, regardless of the length of zeros, are considered the same) and enabling ISIS.

6. Modified ZTF Procedures for Releases 7.1.3.0+ and 8.0.6.0+
 - a. Boot with factory-defaults fabric
 - b. ISIS manual-area set to `00.1515.fee1.900d.1515.fee1.900d`, Dynamically Learned Area (DLA) is blank and ISIS enabled with other parameters.
 - c. HELLO PDUs not sent
 - d. Listen on active ISIS interfaces for ISIS HELLO with and Area ID not equal to `00.1515.fee1.900d.1515.fee1.900d`.
 - e. When an ISIS HELLO with an Area ID not equal to `00.1515.fee1.900d.1515.fee1.900d` is received, use that Area ID as the DLA and start sending HELLO with DLA on all ISIS interfaces.
 - f. DLA set and displayed as learned in the previous step.
 - g. Saving the configuration file will save into the configuration file `manual-area 00.1515.fee1.900d.1515.fee1.900d`.

- h. Boot with the saved configuration. ZTF procedures are triggered. ISIS interfaces in passive mode not sending ISIS HELLO's, only processing incoming ISIS HELLO with an Area ID note equal to 00.1515.fee1.900d.1515.fee1.900d.

Note: You can reach the fourth step by manually configuring the ISIS/SPBM with a manual-area equal to 00.1515.fee1.900d.1515.fee1.900d and enabling ISIS.

7. Migration to a Release supporting Modified ZTF such as 7.1.3.0+ or 8.0.6.0+

- a. From Pre-ZTF feature Release such as 6.1.6.0

The following considerations should be taken into account when upgrading to this release from a pre-ZTF release:

- Check the ISIS manual area (show isis manual-area).
- Determine if the manual area equals 00.1515.fee1.900d.1515.fee1.900d.
- This is a normal Area ID before the upgrade. After the upgrade, ZTF procedures, as previously described, will be triggered.
- If the existing behavior is desired, the ISIS manual area used in the network needs to be changed to a different value. Note, if ISIS is the management network used to get to the node, it will not form an ISIS adjacency after the upgrade and not join the network. This will isolate the node. The changes to the manual area within the topology should be made before any upgrades are performed.

- b. From a Release Running Legacy ZTF such as 7.1.2.0

The following considerations should be taken into account when upgrading to a release supporting Modified ZTF from a Legacy ZTF release.

- Check the ISIS manual area (show isis manual-area).
- Determine if the manual area equals 00.0000.0000 or is a 00 of any length.
- This Area ID triggered the ZTF procedures before the upgrade. After the upgrade, ZTF procedures, as previously described, will NOT be triggered.
- If the existing behavior is desired, replace the value of ISIS manual area with 00.1515.fee1.900d.1515.fee1.900d. Note, if ISIS is the management network used to get to the node, it will not form an ISIS adjacency after the upgrade and not join the network. This will isolate the node. The change should be made before the upgrade.
- Determine if the manual area equals 00.1515.fee1.900d.1515.fee1.900d.
 - This is a normal Area ID before the upgrade. After the upgrade to a release implementing
- Modified ZTF, the ZTF procedures, as previously described, will be triggered.
- If this is not desired, replace the value of ISIS manual area with a different value. Note, if ISIS is the management network used to get to the node, it will not form an ISIS adjacency after the upgrade and not join the network. This will isolate the node. The change should be made before the upgrade.

NOTES FOR UPGRADE:

Please see "Release Notes for VSP Operating System Software (VOSS)" for software release 8.1.1 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Limitations.

FILE NAMES FOR THIS RELEASE:

Virtual Services Platform 4400 Series

File Name	Module or File Type	File Size (bytes)
VOSS4400.8.1.2.0.sha512	SHA512 Checksums	1549
VOSS4400.8.1.2.0.md5	MD5 Checksums	589
VOSS4400.8.1.2.0.tgz	Release 8.1.2.0 archived software distribution	110155795
VOSS4400.8.1.2.0_mib.zip	Archive of all MIB files	1155202
VOSS4400.8.1.2.0_mib.txt	MIB file	7662834
VOSS4400.8.1.2.0_mib_sup.txt	MIB file	1363964
VOSSv811_HELP_EDM_gzip.zip	EDM Help file	4328151
restconf_yang.tgz	YANG model	506020

Virtual Services Platform 4900 Series

File Name	Module or File Type	File Size (bytes)
VOSS4900.8.1.2.0.sha512	SHA512 Checksums	1549
VOSS4900.8.1.2.0.md5	MD5 Checksums	589
VOSS4900.8.1.2.0.tgz	Release 8.1.2.0 archived software distribution	235909551
VOSS4900.8.1.2.0_mib.zip	Archive of all MIB files	1155202
VOSS4900.8.1.2.0_mib.txt	MIB file	7662834
VOSS4900.8.1.2.0_mib_sup.txt	MIB file	1379452
VOSSv811_HELP_EDM_gzip.zip	EDM Help file	4328151
restconf_yang.tgz	YANG model	506020

Virtual Services Platform 7200 Series

File Name	Module or File Type	File Size (bytes)
VOSS7200.8.1.2.0.sha512	SHA512 Checksums	1549
VOSS7200.8.1.2.0.md5	MD5 Checksums	589
VOSS7200.8.1.2.0.tgz	Release 8.1.2.0 archived software distribution	124410656
VOSS7200.8.1.2.0_mib.zip	Archive of all MIB files	1155202
VOSS7200.8.1.2.0_mib.txt	MIB file	7662834
VOSS7200.8.1.2.0_mib_sup.txt	MIB file	1369240
VOSSv811_HELP_EDM_gzip.zip	EDM Help file	4328151
restconf_yang.tgz	YANG model	506020

Virtual Services Platform 7400 Series

File Name	Module or File Type	File Size (bytes)
VOSS7400.8.1.2.0.sha512	SHA512 Checksums	1547
VOSS7400.8.1.2.0.md5	MD5 Checksums	532
VOSS7400.8.1.2.0.tgz	Release 8.1.2.0 archived software distribution	235883362
VOSS7400.8.1.2.0_mib.zip	Archive of all MIB files	1155202
VOSS7400.8.1.2.0_mib.txt	MIB file	7662834
VOSS7400.8.1.2.0_mib_sup.txt	MIB file	1379964
VOSS7400v811_HELP_EDM_gzip.zip	EDM Help file	4328151
restconf_yang.tgz	YANG model	506020
TPVM_7400_8.1.2.0.img	Third Party Virtual Machine (TPVM)	1677066240

Virtual Services Platform 8200 Series

File Name	Module or File Type	File Size (bytes)
VOSS8200.8.1.2.0.sha512	SHA512 Checksums	1549
VOSS8200.8.1.2.0.md5	MD5 Checksums	589
VOSS8200.8.1.2.0.tgz	Release 8.1.2.0 archived software distribution	124409917
VOSS8200.8.1.2.0_mib.zip	Archive of all MIB files	1155202
VOSS8200.8.1.2.0_mib.txt	MIB file	7662834
VOSS8200.8.1.2.0_mib_sup.txt	MIB file	1369240
VOSSv811_HELP_EDM_gzip.zip	EDM Help file	4328151
restconf_yang.tgz	YANG model	506020

Virtual Services Platform 8400 Series

File Name	Module or File Type	File Size (bytes)
VOSS8400.8.1.2.0.sha512	SHA512 Checksums	1549
VOSS8400.8.1.2.0.md5	MD5 Checksums	589
VOSS8400.8.1.2.0.tgz	Release 8.1.2.0 archived software distribution	185451156
VOSS8400.8.1.2.0_mib.zip	Archive of all MIB files	1155202
VOSS8400.8.1.2.0_mib.txt	MIB file	7662834
VOSS8400.8.1.2.0_mib_sup.txt	MIB file	1369240
VOSSv811_HELP_EDM_gzip.zip	EDM Help file	4328151
restconf_yang.tgz	YANG model	506020

ExtremeAccess 1400 Series

File Name	Module or File Type	File Size (bytes)
VOSS1400.8.1.2.0.sha512	SHA512 Checksums	1549
VOSS1400.8.1.2.0.md5	MD5 Checksums	589
VOSS1400.8.1.2.0.tgz	Release 8.1.2.0 archived software distribution	347793239
VOSS1400.8.1.2.0_mib.zip	Archive of all MIB files	1155202
VOSS1400.8.1.2.0_mib.txt	MIB file	7662834
VOSS1400.8.1.2.0_mib_sup.txt	MIB file	1039781
VOSSv811_HELP_EDM_gzip.zip	EDM Help file	4328151
restconf_yang.tgz	YANG model	506020

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 VOSS4400.8.1.2.0.tgz
software activate 8.1.2.0.GA
```

or

```
software add VOSS4900.8.1.2.0.tgz
software activate 8.1.2.0.GA
```

or

```
software add VOSS7200.8.1.2.0.tgz
software activate 8.1.2.0.GA
```

or

```
software add VOSS7400.8.1.2.0.tgz
software activate 8.1.2.0.GA
```

or

```
software add VOSS8200.8.1.2.0.tgz
software activate 8.1.2.0.GA
```

or

```
software add VOSS8400.8.1.2.0.tgz
software activate 8.1.2.0.GA
```

or

```
software add VOSS1400.8.1.2.0.tgz
software activate 8.1.2.0.GA
```

VERSION OF PREVIOUS RELEASE:

Virtual Services Platform 4400 Series

Software version 4.0.0.0, 4.0.0.1, 4.0.0.2, 4.0.0.3, 4.1.0.0, 4.1.0.1, 4.2.0.0, 4.2.0.1, 4.2.1.0, 4.2.1.1, 4.2.2.0, 4.2.3.0, 5.0.0.0, 5.0.1.0, 5.1.0.0, 5.1.1.0, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.1.4, 6.0.0.0, 6.0.1.0, 6.0.1.1, 6.0.1.2, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0, 6.1.5.0, 6.1.6.0, 7.1.0.0, 7.1.0.1, 7.1.1.0, 7.1.2.0, 8.0.0.0, 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP 4450GSX platform

Software Version 4.0.50.0 4.2.1.1, 4.2.2.0, 4.2.3.0, 5.0.0.0, 5.0.1.0, 5.1.0.0, 5.1.1.0, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.1.4, 6.0.0.0, 6.0.1.0, 6.0.1.1, 6.0.1.2, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0, 6.1.5.0, 6.1.6.0, 7.1.0.0, 7.1.0.1, 7.1.1.0, 7.1.2.0, 8.0.0.0, 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP 4450GSX DC platform

Software Version 4.0.40.0, 4.1.0.0, 4.1.0.1, 4.2.0.0, 4.2.0.1, 4.2.1.0 4.2.1.1, 4.2.2.0, 4.2.3.0, 5.0.0.0, 5.0.1.0, 5.1.0.0, 5.1.1.0, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.1.4, 6.0.0.0, 6.0.1.0, 6.0.1.1, 6.0.1.2, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0, 6.1.5.0, 6.1.6.0, 7.1.0.0, 7.1.0.1, 7.1.1.0, 7.1.2.0, 8.0.0.0, 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP 4450GTX-HT-PWR+ platform

Virtual Services Platform 4900 Series

Software version 8.1.0.0 and 8.1.1.0 for VSP 4900-48P platform

Virtual Services Platform 7200 Series

Software Version 4.2.1.0, 4.2.1.1, 4.2.2.0, 4.2.3.0, 5.0.0.0, 5.0.1.0, 5.1.0.0, 5.1.1.0, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.1.4, 6.0.0.0, 6.0.1.0, 6.0.1.1, 6.0.1.2, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0, 6.1.5.0, 6.1.6.0, 7.1.0.0, 7.1.0.1, 7.1.1.0, 7.1.2.0, 8.0.0.0, 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP 7254XSQ and VSP 7254XTQ platforms

Virtual Services Platform 7400 Series

Software Version 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP7432CQ platform

Software Version 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP-7400-48Y-8C platform

Virtual Services Platform 8200 Series

Software Version 4.0.0.0, 4.0.1.0, 4.0.1.1, 4.0.1.2, 4.0.1.3, 4.0.1.4, 4.1.0.0, 4.1.0.1, 4.2.0.0, 4.2.0.1, 4.2.1.0, 4.2.1.1, 4.2.2.0, 4.2.3.0, 5.0.0.0, 5.0.1.0, 5.1.0.0, 5.1.1.0, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.1.4, 6.0.0.0, 6.0.1.0, 6.0.1.1, 6.0.1.2, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0, 6.1.5.0, 6.1.6.0, 7.1.0.0, 7.1.0.1, 7.1.1.0, 7.1.2.0, 8.0.0.0, 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP8200 platform

Virtual Services Platform 8400 Series

Software Version, 4.2.0.0, 4.2.0.1, 4.2.1.0, 4.2.1.1, 4.2.2.0, 4.2.3.0, 5.0.0.0, 5.0.1.0, 5.1.0.0, 5.1.1.0, 5.1.1.1, 5.1.1.2, 5.1.1.3, 5.1.1.4, 6.0.0.0, 6.0.1.0, 6.0.1.1, 6.0.1.2, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0, 6.1.5.0, 6.1.6.0, 7.1.0.0, 7.1.0.1, 7.1.1.0, 7.1.2.0, 8.0.0.0, 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP8404 platform

Software Version, 5.3.0.0, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0, 6.1.5.0, 6.1.6.0, 7.1.0.0, 7.1.0.1, 7.1.1.0, 7.1.2.0, 8.0.0.0, 8.0.1.0, 8.0.5.0, 8.0.5.1, 8.0.6.0, 8.0.6.1, 8.0.7.0, 8.0.7.2, 8.1.0.0, 8.1.1.0, and 8.0.8.0 for VSP8404c platform

ExtremeAccess 1400 Series

Software Version 8.1.0.0, 8.1.1.0, and 8.1.50.0 for XA 1440 and XA 1480 platforms

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.

Fixes from Previous Releases

VOSS 8.1.2.0 incorporates all fixes from prior releases, up to and including VOSS 7.1.6 and VOSS 8.0.8.0.

Problems Resolved in This Release

VOSS-15974	SMLT lock timer adjustment to speed up single node recovery case
VOSS-15978	FE tunnels may not come up if multiple FE tunnels are using the same specific route
VOSS-16215	In VIST topology and SMLT on Switched UNI with NO platform VLAN, both peers flood DLF traffic on SMLT links

Problems Resolved in This Release	
VOSS-16357	Partial config loss after factory defaulting node and doing simple config
VOSS-16415	End users on VSP4400 switch are not authenticating through NAC proxy-RADIUS
VOSS-16419	Traffic on SMLT leg dropped upon reboot with its vIST peer Down
VOSS-16537	Inter-VRF Route leaking is not working
VOSS-16552	Unable to communicate between the VRFs or between the VRF and GRT when no NNI port is active
VOSS-16556	The 'isis apply accept' command is required to run in order to trigger the inter-vrf route leaking, whenever an NNI port is bounced
VOSS-16571	Disable/enable 'ip routing' triggers errors for local interface VRF direct routes
VOSS-16640	Node may reset if FTP timeout is shorter than the Radius response
VOSS-16657	Custom banner does not become active until after reboot of switch Added following log message: <i>CP1 - 0x0000478a - 00000000 GlobalRouter SNMP INFO Updated banner will be visible while using ssh connections only after the ssh daemon has been restarted (no ssh / ssh). EDM or telnet connectivity can be used for this</i>
VOSS-16723	Ping failing between hosts on different VRFs on XA1400 and InterVRF Route Leaking Using ISIS Accept Policies
VOSS-16792	Unicast traffic destined to unknown host is being reflected on IST link
VOSS-16805	An EAP request packet using 802.1X-2010 version 3 was dropped on a port with EAP enabled. Corrective action is to check for proper EAP version 3 subtype and allow the packet if the port is enabled for EAP only.
VOSS-16955	Missing Secure Flag From SSL Cookie
VSP7200-77	Prevent datapath lockup for 7200,8200 and 8404

OUTSTANDING ISSUES:

Please see "Release Notes for VSP Operating System Software (VOSS)" for software release 8.1.1 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Limitations.

KNOWN LIMITATIONS:

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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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