

# Customer Release Notes

## VSP Operating System Software

Software Release 8.5.2.0

July, 2022

### INTRODUCTION:

This document provides specific information for version 8.5.2.0 of agent software for the VSP Operating System Software.

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

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:

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

### 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.

If upgrading systems running versions prior than 8.5.2.0, refer to the section **SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES** for instructions about the possible need to renumber VRRP instances.

**UPGRADE CONSIDERATIONS WHEN UPGRADING TO 8.5.2.0 FROM PREVIOUS RELEASES:**

For DVR deployments refer also to Outstanding Issues Section before upgrading.

If you have a VLAN with VRRP instance of 37 provisioned and functional on a node running with several other VLANs with DvR enabled, upon upgrade to 8.5.2.0, VRRP configuration for instance 37 is removed from that VLAN. This would result in traffic loss for members of that VLAN. Recommend renumbering the VRRP instance IDs to values 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:**

Please see "Release Notes for VSP Operating System Software (VOSS)" for software release 8.5.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding supported platforms.

**SPECIAL INSTRUCTIONS FOR UPGRADING FROM PREVIOUS RELEASES:**

- I. 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
```

- II. 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.

- III. 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.
- IV. 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). Then upgrade to the desired 7.x+ release (Release 7.1.10.0 recommended).

Review items V, VI, and VII if the ISIS L1 area is 00.1515.fee1.900d.1515.fee1.900d, 00.0000.0000 or all zero's.

- V. 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.

- VI. 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.

- VII. 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:

- i. Check the ISIS manual area (show isis manual-area).

- ii. Determine if the manual area equals 00.1515.fee1.900d.1515.fee1.900d.
- iii. 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 8.5.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Limitations.

#### FILE NAMES FOR THIS RELEASE:

ExtremeAccess 1400 Series

File Name	Module or File Type	File Size (bytes)
VOSS1400.8.5.2.0_edoc.tar	Logs Reference	63969280
VOSS1400.8.5.2.0.md5	MD5 Checksums	424
VOSS1400.8.5.2.0_mib_sup.txt	MIB - supported object names	1140608
VOSS1400.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
VOSS1400.8.5.2.0_mib.zip	Archive of all MIB files	1212665
VOSS1400.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384

File Name	Module or File Type	File Size (bytes)
VOSS1400.8.5.2.0_edoc.tar	Logs Reference	63969280
VOSS1400.8.5.2.0.sha512	SHA512 Checksums	1247
VOSS1400.8.5.2.0.tgz	Release 8.5.2.0 archived software distribution	326352958
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## Virtual Services Platform 4400 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS4400.8.5.2.0_edoc.tar	Logs reference	63969280
VOSS4400.8.5.2.0.md5	MD5 Checksums	476
VOSS4400.8.5.2.0_mib_sup.txt	MIB - supported object names	1482261
VOSS4400.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
VOSS4400.8.5.2.0_mib.zip	Archive of all MIB files	1212665
VOSS4400.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
VOSS4400.8.5.2.0.sha512	SHA512 Checksums	1395
VOSS4400.8.5.2.0.tgz	Release 8.5.2.0 archived software distribution	112817656
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## 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_4900_8.4.0.0.img	Third Party Virtual Machine (TPVM)	1677066240
VOSS4900.8.5.2.0_edoc.tar	Logs reference	63969280
VOSS4900.8.5.2.0.md5	MD5 Checksums	595
VOSS4900.8.5.2.0_mib_sup.txt	MIB - supported object names	1506037
VOSS4900.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
VOSS4900.8.5.2.0_mib.zip	Archive of all MIB files	1212665
VOSS4900.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
VOSS4900.8.5.2.0.sha512	SHA512 Checksums	1706
VOSS4900.8.5.2.0.tgz	Release 8.5.2.0 archived software distribution	260951178
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## Extreme Switching 5420 Series

File Name	Module or File Type	File Size (bytes)
5420.8.5.2.0_edoc.tar	Logs reference	63969280
5420.8.5.2.0.md5	MD5 Checksums	453
5420.8.5.2.0_mib_sup.txt	MIB - supported object names	1501278

File Name	Module or File Type	File Size (bytes)
5420.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
5420.8.5.2.0_mib.zip	Archive of all MIB files	1212665
5420.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
5420.8.5.2.0.sha512	SHA512 Checksums	1368
5420.8.5.2.0.voss	Release 8.5.2.0 archived software distribution	99006547
restconf_yang.tgz	YANG model	506020
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## Extreme Switching 5520 Series

File Name	Module or File Type	File Size (bytes)
5520.8.5.2.0_edoc.tar	Logs reference	63969280
5520.8.5.2.0.md5	MD5 Checksums	453
5520.8.5.2.0_mib_sup.txt	MIB - supported object names	1501835
5520.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
5520.8.5.2.0_mib.zip	Archive of all MIB files	1212665
5520.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
5520.8.5.2.0.sha512	SHA512 Checksums	1368
5520.8.5.2.0.voss	Release 8.5.2.0 archived software distribution	102480298
restconf_yang.tgz	YANG model	506020
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## Virtual Services Platform 7200 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS7200.8.5.2.0_edoc.tar	Logs reference	63969280
VOSS7200.8.5.2.0.md5	MD5 Checksums	476
VOSS7200.8.5.2.0_mib_sup.txt	MIB - supported object names	1446753
VOSS7200.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
VOSS7200.8.5.2.0_mib.zip	Archive of all MIB files	1212665
VOSS7200.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
VOSS7200.8.5.2.0.sha512	SHA512 Checksums	1395
VOSS7200.8.5.2.0.tgz	Release 8.5.2.0 archived software distribution	127583533
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## 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

File Name	Module or File Type	File Size (bytes)
TPVM_7400_8.4.0.0.img	Third Party Virtual Machine (TPVM)	1677066240
VOSS7400.8.5.2.0_edoc.tar	Logs reference	63969280
VOSS7400.8.5.2.0.md5	MD5 Checksums	595
VOSS7400.8.5.2.0_mib_sup.txt	MIB - supported object names	1499439
VOSS7400.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
VOSS7400.8.5.2.0_mib.zip	Archive of all MIB files	1212665
VOSS7400.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
VOSS7400.8.5.2.0.sha512	SHA512 Checksums	1706
VOSS7400.8.5.2.0.tgz	Release 8.5.2.0 archived software distribution	260644691
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## Virtual Services Platform 8200 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS8200.8.5.2.0_edoc.tar	Logs reference	63969280
VOSS8200.8.5.2.0.md5	MD5 Checksums	476
VOSS8200.8.5.2.0_mib_sup.txt	MIB - supported object names	1446753
VOSS8200.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
VOSS8200.8.5.2.0_mib.zip	Archive of all MIB files	1212665
VOSS8200.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
VOSS8200.8.5.2.0.sha512	SHA512 Checksums	1395
VOSS8200.8.5.2.0.tgz	Release 8.5.2.0 archived software distribution	127592383
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

## Virtual Services Platform 8400 Series

File Name	Module or File Type	File Size (bytes)
restconf_yang.tgz	YANG model	506020
VOSS8400.8.5.2.0_edoc.tar	Logs reference	63969280
VOSS8400.8.5.2.0.md5	MD5 Checksums	476
VOSS8400.8.5.2.0_mib_sup.txt	MIB - supported object names	1446753
VOSS8400.8.5.2.0_mib.txt	MIB - objects in the OID compile order	8104099
VOSS8400.8.5.2.0_mib.zip	Archive of all MIB files	1212665
VOSS8400.8.5.2.0_oss-notice.html	Open source software - Master copyright file	2781384
VOSS8400.8.5.2.0.sha512	SHA512 Checksums	1395
VOSS8400.8.5.2.0.tgz	Release 8.5.2.0 archived software distribution	190305462
VOSSv850_HELP_EDM_gzip.zip	EDM Help file	5066214

**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 VOSS1400.8.5.2.0.tgz
software activate 8.5.2.0.GA
```

**or**

```
software add VOSS4400.8.5.2.0.tgz
software activate 8.5.2.0.GA
```

**or**

```
software add VOSS4900.8.5.2.0.tgz
software activate 8.5.2.0.GA
```

**or**

```
software add 5420.8.5.2.0.voss
software activate 8.5.2.0.GA
```

**or**

```
software add 5520.8.5.2.0.voss
software activate 8.5.2.0.GA
```

**or**

```
software add VOSS7200.8.5.2.0.tgz
software activate 8.5.2.0.GA
```

**or**

```
software add VOSS7400.8.5.2.0.tgz
software activate 8.5.2.0.GA
```

**or**

```
software add VOSS8200.8.5.2.0.tgz
software activate 8.5.2.0.GA
```

**or**

```
software add VOSS8400.8.5.2.0.tgz
software activate 8.5.2.0.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**

5420 UBOOT updated to 2.3.2.6

**Old Features Removed From This Release**

None.

**Problems Resolved in This Release**

VOSS-22117	For a case when the RSPAN traffic was congesting the CPU, a warning was added to signal the RSPAN instance egress ports are down
VOSS-22899	A stale default route entry present on DVR Leaf is causing sFlow collector reachability failure
VOSS-24843	All fans in one VSP7400 are operating at high or medium speed
VOSS-24933	"MSDP SA transmit failed" error logs are seen very frequently
VOSS-25103	Two 5420F-48P-4XE out of several show sustained high CPU utilization in CLI but not in bash
VOSS-25281	VSP 4450 linux top coredumps generated with IQagent automatically getting configured for unsupported legacy PPC based platforms
VOSS-25529	5520 - CPU chip - temperature warning threshold exceeded yet fans continue spinning at low speed
VOSS-25530	LLDP packets bridged on TAGGED SUNI ports over L2VSN
VOSS-25665	PSU SN is truncated
VOSS-25675	Disabling VRRP preempt-mode was not taking effect, incorrectly allowing the VR to take over as Master when the critical-ip address became available
VOSS-25721	VSP7400 crashed in task cbcp-main.x in thread tTrapd due to the SNMP local packet pointer becoming NULL from the previous target pointer
VOSS-25724	The command "show interfaces gigabitEthernet i-sid" displays INVALID entries after a platform VLAN with LACP ports in it gets deleted
VOSS-25727	A core file was generated during an snmpwalk on rcDigitalCertificateTable
VOSS-25772	The SSH keyExchangeMethod configuration is not correctly displayed in EDM
VOSS-25855	VSP 4900: Temperature warning threshold exceeded yet fans continue spinning at low speed
VOSS-25871	IGMP SPB-Snooping vlan was not using IGMP tie-breaker rules when receiving a Query from a neighboring node. Also, a log message is now generated when a SPB-Snooped vlan gives up the querier role
VOSS-25911	Ping failure after deleting v-IST configuration on VSP cluster nodes
VOSS-25942	VSP 8400/7200: Temperature sensor exceeded the alarm threshold temperature
VOSS-25949	ISIS hello auth key mismatch when using EDM and CLI
VOSS-25954	DVR LEAF ECMP Exhaustion on 5x20 based nodes
VOSS-25988	BPDU Guard does not protect against loops when we have auto-sense mode enable.
VOSS-25991	SNMP users with authentication and privacy settings defined in 8.0.x are not working correctly after an upgrade to 8.5+, leading to SNMP server authentication issues
VOSS-26025	In a scaled setup, Boundary Node switch logs "MultiArea SNMP WARNING SPBM ISIS detected area loop" and then disables the Remote Area
VOSS-26047	A core might be generated when using a certificate with no certificate revocation list URL and an online trustpoint
VOSS-26060	Unexpected reboots with core files caused by a code flaw in NTP

Problems Resolved in This Release	
VOSS-26064	SMLT removed from MLT when (2) or more vlans are enabled for ip dhcp-snooping
VOSS-26127	EDM: Remove support for IQAgent for legacy PPC platforms
VOSS-26144	When adding port 1/x0 and 1/s1 to a vlan, command is erroneously applied for port 1/x and 1/s1
VOSS-26145	Cloud AP on auto-sense port gets DHCP IP in onboarding I-SID instead of designated AP mgmt VLAN
VOSS-26146	SPB MSTP-Multihoming fails and creates loops on connected Spanning Tree devices
VOSS-26153	"show fulltech" command generated a core once when a specific DVR related code was executed
VOSS-26157	5520 control plane is unable to send traffic towards IP routes ISIS accepted from a different VRF L3 I-SID
VOSS-26209	For a case when save config command fails, additional debug information was added
VOSS-26215	SPBM Multiarea Non-designated Boundary Node remains in init when the adjacencies from the Designated Boundary Node to the virtual node are not present in LSP 0
VOSS-26234	IQAgent modify units for optic data
VOSS-26271	5420 PoE issue - Zero available POE power when only one PSU is active
VOSS-26311	A core was generated during ZTF cleaning up primary/secondary SPBm vlans
VOSS-26326	SPBM Multiarea Non-designated Boundary Node remains in init after a certain sequence of steps
VOSS-26349	First TLV contains the remote area in a certain scenario

Fixes from Previous Releases
VOSS 8.5.2.0 incorporates all fixes from prior releases, up to and including VOSS 7.1.10.0, VOSS 8.0.9.0, VOSS 8.1.10.0, VOSS 8.2.8.0, VOSS 8.3.1, VOSS 8.4.3.0 and VOSS 8.5.1.

## OUTSTANDING ISSUES:

Please see "Release Notes for VSP Operating System Software (VOSS)" for software release 8.5.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

VOSS-19471	<p>DVR: Backbone host entry may be incorrectly removed from other DVR domains when a DVR controller in the local domain is taken down. The host entries will be repopulated when the down controller is recovered.</p> <p>Workaround:</p> <p>Clear dvr host entries in the remaining DVR controller in the local domain using this command:</p> <pre>clear dvr host-entries ipv4 &lt;IP&gt; I3isid &lt;I-SID&gt;</pre> <p>or</p> <pre>clear dvr host-entries I3isid &lt;I-SID&gt;</pre> <p>- this could be disruptive in the local domain</p>
VOSS-20030	<p>An interaction between DVR host learning and wireless solutions configured with proxy-ARP and bridging at the AP may create instability within the DVR domain due to specific combinations of roaming events and topology factors. This interaction is exposed when a client roams between AP's connected to different BEB's and both AP's momentarily respond for the client IP on both BEB's (host duplication). These interactions can be avoided by using VRRP instead of DVR for wireless segments.</p>

VOSS-21087	After duplicates hosts are resolved a traffic loss for some hosts may occur Workaround: Clear the dvr host for each impacted individual host entry using this command in the domain in which the host resides: <i>clear dvr host-entries ipv4 &lt;IP&gt; l3isid &lt;I-SID&gt;</i>
VOSS-21358	Extended presence of a duplicate host may lead to a DP-CP discrepancy on controllers in other domains after the duplicate is resolved. This may impact traffic originating in the other domains towards the impacted host

**KNOWN LIMITATIONS:**

Please see "Release Notes for VSP Operating System Software (VOSS)" for software release 8.5.0 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.

VOSS-22530	Certain VOIP phone models may send tagged LLDP frames, or once the MED is sent by VOSS, the phone will begin transmitting tagged LLDP frames. VOSS only supports untagged LLDP frames. For proper LLDP/Auto-sense functionality, the phone must be configured to send untagged LLDP frames only."
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**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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