

Customer Release Notes

VSP Operating System Software

Software Release 8.0.5.1

July 2019

INTRODUCTION:

This document provides specific information for version 8.0.5.1 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/

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 section (4) below in order to avoid potential network connectivity loss.

If upgrading systems running 4.1.X releases which also have TACACS+ enabled, refer to section 4 for upgrade instructions.

If upgrading systems running 6.0.x releases or older, refer to section 4 for instruction about the need to step-through a 6.1.x release prior to going to 7.1.x release or newer

PLATFORMS SUPPORTED:

Virtual Services Platform 4450 Series

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

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

Virtual Services Platform 8000 Series

- Virtual Services Platform 8200
- Virtual Services Platform 8400

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).

NOTES FOR UPGRADE:

Please see "Release Notes for VOSS" for software release 8.0, available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Limitations.

FILE NAMES FOR THIS RELEASE:

Virtual Services Platform 4450 Series

File Name	Module or File Type	File Size (bytes)
VOSS4K.8.0.5.1.sha512	SHA512 Checksums	1232
VOSS4K.8.0.5.1.md5	MD5 Checksums	464
VOSS4K.8.0.5.1.tgz	Release 8.0.5.1 archived software distribution	123580075
VOSS4K.8.0.5.1_mib.zip	Archive of all MIB files	1143945
VOSS4K.8.0.5.1_mib.txt	MIB file	7586705
VOSS4K.8.0.5.1_mib_sup.txt	MIB file	1327466
VSP4000v805_HELP_EDM_gzip.zip	EDM Help file	4108500
restconf_yang.tgz	YANG model	506020

Virtual Services Platform 7200 Series

File Name	Module or File Type	File Size (bytes)
VOSS7K.8.0.5.1.sha512	SHA512 Checksums	1232
VOSS7K.8.0.5.1.md5	MD5 Checksums	464
VOSS7K.8.0.5.1.tgz	Release 8.0.5.1 archived software distribution	137699000
VOSS7K.8.0.5.1_mib.zip	Archive of all MIB files	1143945
VOSS7K.8.0.5.1_mib.txt	MIB file	7586705
VOSS7K.8.0.5.1_mib_sup.txt	MIB file	1331796
VOSSv805_HELP_EDM_gzip.zip	EDM Help file	4108500
restconf_yang.tgz	YANG model	506020

Virtual Services Platform 7400 Series

File Name	Module or File Type	File Size (bytes)
VOSS7400.8.0.5.1.sha512	SHA512 Checksums	1551
VOSS7400.8.0.5.1.md5	MD5 Checksums	591
VOSS7400.8.0.5.1.tgz	Release 8.0.5.1 archived software distribution	246619996
VOSS7400.8.0.5.1_mib.zip	Archive of all MIB files	1143945
VOSS7400.8.0.5.1_mib.txt	MIB file	7586705
VOSS7400.8.0.5.1_mib_sup.txt	MIB file	1338642
VOSS7400v805_HELP_EDM_gzip.zip	EDM Help file	4108500
restconf_yang.tgz	YANG model	506020
TPVM_7400_8.0.0.0.img	Third Party Virtual Machine (TPVM)	1677066240
purview_7400_8.0.0.0.ova	Purview Engine Virtual Appliance	1778386432

Virtual Services Platform 8000 Series

File Name	Module or File Type	File Size (bytes)
VOSS8K.8.0.5.1.sha512	SHA512 Checksums	1232
VOSS8K.8.0.5.1.md5	MD5 Checksums	464
VOSS8K.8.0.5.1.tgz	Release 8.0.5.1 archived software distribution	213950279
VOSS8K.8.0.5.1_mib.zip	Archive of all MIB files	1143945
VOSS8K.8.0.5.1_mib.txt	MIB file	7586705
VOSS8K.8.0.5.1_mib_sup.txt	MIB file	1331796
VOSSv805_HELP_EDM_gzip.zip	EDM Help file	4108500
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 VOSS4K.8.0.5.1.tgz
software activate VOSS4K.8.0.5.1.GA
```

or

```
software add VOSS7K.8.0.5.1.tgz
software activate VOSS7K.8.0.5.1.GA
```

or

```
software add VOSS7400.8.0.5.1.tgz
software activate VOSS7400.8.0.5.1.GA
```

or

```
software add VOSS8K.8.0.5.1.tgz
software activate VOSS8K.8.0.5.1.GA
```

VERSION OF PREVIOUS RELEASE:**Virtual Services Platform 4000 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, 7.1.3.0, 8.0.0.0, 8.0.1.0 and 8.0.5.0 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, 7.1.3.0, 8.0.0.0, 8.0.1.0 and 8.0.5.0 for VSP 4450GSX DC and VSP 4450GTS DC platforms

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, 7.1.3.0, 8.0.0.0, 8.0.1.0 and 8.0.5.0 for VSP 4450GTX-HT-PWR+ 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, 7.1.3.0, 8.0.0.0, 8.0.1.0 and 8.0.5.

Virtual Services Platform 7400 Series

Software Version 8.0.0.0, 8.0.1.0 and 8.0.5.

Virtual Services Platform 8000 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, 7.1.3.0, 8.0.0.0, 8.0.1.0 and 8.0.5.0 for VSP8200 platform

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, 7.1.3.0, 8.0.0.0, 8.0.1.0 and 8.0.5.0 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, 7.1.3.0, 8.0.0.0, 8.0.1.0 and 8.0.5.0 for VSP8404c platform

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-14506	ON VSP7400 devices continuous fan failures seen with Sunon fan models
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OUTSTANDING ISSUES:

Please see "Release Notes for VOSS" for software release 8.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

KNOWN LIMITATIONS:

Please see "Release Notes for VOSS" for software release 8.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Limitations.

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

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