

VSP Operating System Software – White Box Edition

Release 6.1.6.0

1. Release Summary

Release Date: November 2018

Purpose: Software release to address customer found software issues.

2. Important Notes before Upgrading to This Release

3. Platforms Supported

1G Platforms:

DSG6248

DSG6248P

DSG6248CFP

10G Platforms:

DSG7648

DSG7648C

DSG7480

40G Platform:

DSG8032

DSG8064

100G Platform:

DSG9032

4. Special Instructions for Upgrade from previous releases

1. 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.

5. Notes for Upgrade

Please see “Release Notes for VSP Operating System” for software release 6.1.0 available at <https://www.extremenetworks.com/support/documentation> for details on how to upgrade your Switch.

File Names For This Release

1 Gbps Platforms

File Name	Module or File Type	File Size (bytes)
VOSS-PL-AA-6.1.6.0.tgz	Release 6.1.6.0 archived software distribution	104458391
VOSS-PL-AA-6.1.6.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AA-6.1.6.0_mib.txt	MIB file	7180177
VOSS-PL-AA-6.1.6.0_mib_sup.txt	MIB file	1182904
VSP4000v615_APLS_HELP_EDM_gzip.zip	EDM Help file	3275640
VSP4000_APLSv6.1.5.0.zip	EDM plug-in for COM	4873353
VOSS-PL-AA-6.1.6.0.md5	MD5 Checksums	620
VOSS-PL-AA-6.1.6.0.sha512	SHA512 Checksums	1580

10 Gbps Platforms

File Name	Module or File Type	File Size (bytes)
VOSS-PL-AB-6.1.6.0.tgz	Release 6.1.6.0 archived software distribution	66471014
VOSS-PL-AB-6.1.6.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AB-6.1.6.0_mib.txt	MIB file	7180177
VOSS-PL-AB-6.1.6.0_mib_sup.txt	MIB file	1186371
VOSSv615_APLS_HELP_EDM_gzip.zip	EDM Help file	3276842
VOSS_APLSv6.1.5.0.zip	EDM plug-in for COM	5198024
VOSS-PL-AB-6.1.6.0.md5	MD5 Checksums	614
VOSS-PL-AB-6.1.6.0.sha512	SHA512 Checksums	1574

40 Gbps Platforms

File Name	Module or File Type	File Size (bytes)
VOSS-PL-AC-6.1.6.0.tgz	Release 6.1.6.0 archived software distribution	80714063
VOSS-PL-AC-6.1.6.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AC-6.1.6.0_mib.txt	MIB file	7180177
VOSS-PL-AC-6.1.6.0_mib_sup.txt	MIB file	1186371
VOSSv613_APLS_HELP_EDM_gzip.zip	EDM Help file	3276842
VOSS_APLSv6.1.5.0.zip	EDM plug-in for COM	5198024
VOSS-PL-AC-6.1.6.0.md5	MD5 Checksums	682
VOSS-PL-AC-6.1.6.0.sha512	SHA512 Checksums	1738

100 Gbps Platforms

File Name	Module or File Type	File Size (bytes)
VOSS-PL-AD-6.1.6.0.tgz	Release 6.1.6.0 archived software distribution	104213263
VOSS-PL-AD-6.1.6.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AD-6.1.6.0_mib.txt	MIB file	7180177
VOSS-PL-AD-6.1.6.0_mib_sup.txt	MIB file	1186371
VOSSv615_APLS_HELP_EDM_gzip.zip	EDM Help file	3276842
VOSS_APLSv6.1.5.0.zip	EDM plug-in for COM	5198024
VOSS-PL-AD-6.1.6.0.md5	MD5 Checksums	682
VOSS-PL-AD-6.1.6.0.sha512	SHA512 Checksums	1738

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 VOSS-PL-AA-6.1.6.0.tgz  
software activate VOSS-PL-AA-6.1.6.0.GA
```

or

```
software add VOSS-PL-AB-6.1.6.0.tgz  
software activate VOSS-PL-AB-6.1.6.0.GA
```

or

```
software add VOSS-PL-AC-6.1.6.0.tgz  
software activate VOSS-PL-AC-6.1.6.0.GA
```

or

```
software add VOSS-PL-AD-6.1.6.0.tgz  
software activate VOSS-PL-AD-6.1.6.0.GA
```

6. Version of Previous Release

1G Platform

Software Version 4.3.0.0, 4.3.1.0, 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, 6.1.2.2, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0 and 6.1.5.0

10G Platform

Software Version 4.3.0.0, 4.3.1.0, 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, 6.1.2.2, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0 and 6.1.5.0

40G Platform

Software Version 4.3.0.0, 4.3.1.0, 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, 6.1.2.2, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0 and 6.1.5.0 for all 40G platforms except DSG 8064

Software Version 5.3.0.0, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.2.2, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0 and 6.1.5.0 for DSG 8064

100G Platform

Software Version 5.3.0.0, 6.1.0.0, 6.1.1.0, 6.1.2.0, 6.1.2.1, 6.1.2.2, 6.1.3.0, 6.1.3.1, 6.1.3.2, 6.1.4.0 and 6.1.5.0

7. Compatibility

8. Changes in 6.1.6.0

New Features in This Release

Old Features Removed From This Release

Problems Resolved in This Release

Fixes apply to all platforms unless otherwise specified.

ID	Description
VSP8000-358 VOSS-11826	Configuring MSDP on spbm-enabled devices that are linked by eBGP and have a BGP route causes a device reset.
VOSS-11917 VOSS-11855	Nonexistent adjacency advertised in ISIS TLV22's adjacency list The issue occurs when: <ul style="list-style-type: none"> • more than 13 adjacencies exist (only 13 adjacencies can fit inside the 255-bytes limit of an individual TLV - when more than 13 adjacencies exist, multiple TLV22's are allocated to hold all adjacencies) • the I1-metric of one of ISIS interfaces is modified, or a new ISIS interface is created with a non-default I1-metric • an ISIS adjacency bounces or goes down and stays down.

9. Outstanding Issues

<u>Issue Number</u>	<u>Description</u>	<u>Workaround</u>
<u>VSP4000-231</u>	Incomplete clean-up of ACL structures after an administratively shutdown MLT port has been removed	Re-adding & removing said port from the ACL once more with ECLI command structure 'filter acl port 1 x/x/no filter acl port 1 x/x' will resolve this issue

Please see “Release Notes for VSP Operating System” for software release 6.1.0 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

10. Known Limitations

Please see “Release Notes for VSP Operating System” for software release 6.1.0 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, shutdown or power is lost.

11. Documentation Corrections

For other known issues, please refer to the product release notes and technical documentation available at: <https://www.extremenetworks.com/support/documentation>.

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