

# VSP Operating System Software – White Box Edition

## Release 6.1.4.0

### **1. Release Summary**

Release Date: May 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

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#### **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-6.1.4.0.tgz	Release 6.1.4.0 archived software distribution	104455230
VOSS-PL-AA-6.1.4.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AA-6.1.4.0_mib.txt	MIB file	7180177
VOSS-PL-AA-6.1.4.0_mib_sup.txt	MIB file	1182904
VSP4000v614_APLS_HELP_EDM_gzip.zip	EDM Help file	3275640
VSP4000_APLSv6.1.4.0.zip	EDM plug-in for COM	4872787
VOSS-PL-AA-6.1.4.0.md5	MD5 Checksums	620
VOSS-PL-AA-6.1.4.0.sha512	SHA512 Checksums	1580

### 10 Gbps Platforms

File Name	Module or File Type	File Size (bytes)
VOSS-PL-AB-6.1.4.0.tgz	Release 6.1.4.0 archived software distribution	66450456
VOSS-PL-AB-6.1.4.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AB-6.1.4.0_mib.txt	MIB file	7180177
VOSS-PL-AB-6.1.4.0_mib_sup.txt	MIB file	1186371
VOSSv614_APLS_HELP_EDM_gzip.zip	EDM Help file	3276842
VOSS_APLSv6.1.4.0.zip	EDM plug-in for COM	5196608
VOSS-PL-AB-6.1.4.0.md5	MD5 Checksums	614
VOSS-PL-AB-6.1.4.0.sha512	SHA512 Checksums	1574

## 40 Gbps Platforms

File Name	Module or File Type	File Size (bytes)
VOSS-PL-AC-6.1.4.0.tgz	Release 6.1.4.0 archived software distribution	80706693
VOSS-PL-AC-6.1.4.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AC-6.1.4.0_mib.txt	MIB file	7180177
VOSS-PL-AC-6.1.4.0_mib_sup.txt	MIB file	1186371
VOSSv613_APLS_HELP_EDM_gzip.zip	EDM Help file	3276842
VOSS_APLSv6.1.4.0.zip	EDM plug-in for COM	5196608
VOSS-PL-AC-6.1.4.0.md5	MD5 Checksums	682
VOSS-PL-AC-6.1.4.0.sha512	SHA512 Checksums	1738

## 100 Gbps Platforms

File Name	Module or File Type	File Size (bytes)
VOSS-PL-AD-6.1.4.0.tgz	Release 6.1.4.0 archived software distribution	104202298
VOSS-PL-AD-6.1.4.0_mib.zip	Archive of all MIB files	1083039
VOSS-PL-AD-6.1.4.0_mib.txt	MIB file	7180177
VOSS-PL-AD-6.1.4.0_mib_sup.txt	MIB file	1186371
VOSSv614_APLS_HELP_EDM_gzip.zip	EDM Help file	3276842
VOSS_APLSv6.1.4.0.zip	EDM plug-in for COM	5196608
VOSS-PL-AD-6.1.4.0.md5	MD5 Checksums	682
VOSS-PL-AD-6.1.4.0.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-6.1.4.0.tgz
```

```
software activate VOSS-PL-AA-6.1.4.0.GA
```

**or**

```
software add VOSS-PL-AB-6.1.4.0.tgz
```

```
software activate VOSS-PL-AB-6.1.4.0.GA
```

**or**

```
software add VOSS-PL-AC-6.1.4.0.tgz
```

```
software activate VOSS-PL-AC-6.1.4.0.GA
```

**or**

```
software add VOSS-PL-AD-6.1.4.0.tgz
```

```
software activate VOSS-PL-AD-6.1.4.0.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 and 6.1.3.2

### **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 and 6.1.3.2

### **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 and 6.1.3.2 for all 40G platforms but 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 and 6.1.3.2 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 and 6.1.3.2

## **7. Compatibility**

## **8. Changes in 6.1.4.0**

### **New Features in This Release**

### **Old Features Removed From This Release**

### **Problems Resolved in This Release**

Fixes apply to all platforms unless otherwise specified.

<b>ID</b>	<b>Description</b>
VSP4000-220	System fails to ntp sync with Galleon devices.
VSP4000-222 VSP4000-208	Fix SysUpTime rollover after 496 days. EDM and CLI SysUpTime will not rollover for 68 years.
VSP4000-224 VSP4000-226	VRRP with Critical IP enabled not transitioning from master to backup once VLACP blocks port.
VSP7200-44	CRC errors and link bounces on VSP7254XSQ 10G ports.
VSP7200-54	CRC errors and link bounces on VSP7254XSQ 40G ports.
VSP7200-61	EDM Port selector on 40G last 4 ports greyed out
VSP8000-276	IPv6 SNMP error causes SNMP access to end.
VSP8000-296	ARP entry corrupted when static route pointing to a nexthop in other VRF is bounced. High CPU utilization maybe observed.
VSP8000-308	Unable to access the switch through Console, SSH and Telnet.
VSP8000-309	Peer mac address learned against non-IST port. Bridging device may be incorrectly L2 forwarding IST peer's VLAN mac addresses across VLAN boundaries.
VSP8000-314	Node resets when a multicast stream changed ingress ports.
VOSS-10049	Removing and adding ISID back causes remote mac learning failure.
VOSS-10113	SNMP retransmit crashes using stale entry.
VOSS-10166	IPv6 UDP buffer leaks when buffer is full. Buffer dropped and not freed. Resulted in IPv6 sockets not being able to be established.

## **9. Outstanding Issues**

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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