

# Virtual Services Platform 9000 Software Release 4.2.1.4

## **1. Release Summary**

Release Date: August 2018

Purpose: Software release to address customer found software issues.

## **2. Important Notes before Upgrading to This Release**

None.

## **3. Platforms Supported**

Virtual Services Platform 9000 (all models)

## **4. Special Instructions for Upgrade from previous releases**

None.

## **5. Notes for Upgrade**

Please see “*Virtual Services Platform 9000, Release Notes*” for software release 4.1.0.0 available at <https://www.extremenetworks.com/support/documentation> for details on how to upgrade your switch.

## **File Names For This Release**

File Name	Module or File Type	File Size (bytes)
VSP9K.4.2.1.4.tgz	Release 4.2.1.4 archived distribution	177268831
VSP9K.4.2.1.4_modules.tgz	Encryption modules	41909
VSP9K.4.2.1.4_mib.zip	Archive of all MIB files	826414
VSP9K.4.2.1.4_mib.txt	MIB file	5497380
VSP9K.4.2.1.4_mib_sup.txt	MIB file	959378
VSP9000v410_HELP_EDM_gzip.zip	EDM Help file	3882169
VSP9K.4.2.1.4.md5	MD5 Checksums	741
VSP9K.4.2.1.4.sha512	SHA encryption	1989
VSP9000v4.2.0.0.zip	EDM WAR plugin for COM	5657179

### **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 procedure:**

```
software add VSP9K.4.2.1.4.tgz
software add-modules 4.2.1.4.GA VSP9K.4.2.1.4_modules.tgz
software activate 4.2.1.4.GA
```

### **6. Version of Previous Release**

Software Version 3.4.x.x, 4.0.0.0, 4.0.1.0, 4.0.1.1, 4.0.1.2, 4.1.0.0, 4.1.1.0, 4.1.2.0, 4.1.3.0, 4.1.4.0, 4.1.5.0, 4.2.0.0, 4.2.1.0, 4.2.1.1, 4.2.1.2 and 4.2.1.3.

### **7. Compatibility**

### **8. Changes in 4.2.1.4**

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

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

None

## **Problems Resolved in This Release**

<b>ID</b>	<b>Description</b>
VSP9000-864	Any new L3VSN routes learned via SPBM are now installed correctly in the routing table when the administrator changes the ISIS route preference from a default value of 7 to another value dynamically.
VSP9000-875	An Alarm log message is generated when the switch encounters “VPE_CMD ERROR cmd_sync_send: IPC sync send failed: ND_IPC_TIMEOUT”. Administrator needs to reset the slot to recover from both the error condition and clearing the message from alarm log.
VSP9000-883	A full throughput value of 10Gbps is now achieved using the 10gigSFP+ end of AA1404035-E6 DAC cable on a 9048-XS2 card.

## **10. Outstanding Issues**

Please see “Virtual Services Platform 9000, Release Notes” for software release 4.1.0.0, 4.1.1.0, 4.1.2.0, 4.1.3.0, 4.1.4.0, 4.1.5.0, 4.2.0.0, 4.2.1.0, 4.2.1.1, 4.2.1.2 and 4.2.1.3 available at <https://www.extremenetworks.com/support/release-notes> for details regarding Known Issues.

<b>ID</b>	<b>Description</b>
VSP9000-874	Oversubscribed unicast traffic across 10G port prevents sending of local sourced High Priority VRRP Hello and OSPF Hello Multicast traffic in a timely manner and causes VRRP state and OSPF adjacencies flaps.

## **11. Known Limitations**

Please see “Virtual Services Platform 9000, Release Notes” for software release 4.1.0.0, 4.1.1.0, 4.1.2.0, 4.1.3.0, 4.1.4.0, 4.1.5.0, 4.2.0.0, 4.2.1.0, 4.2.1.1, 4.2.1.2 and 4.2.1.3 available at <https://www.extremenetworks.com/support/release-notes> for more details regarding Known Limitations.

## **12. Software Scaling Capabilities**

Please see “Virtual Services Platform 9000, Release Notes” for software release 4.1.0.0 available at <https://www.extremenetworks.com/support/release-notes> for more details regarding scaling capabilities.

## **13. 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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