

# Virtual Services Platform 4000 Series and 8000 Series Software Release 4.2.0.1

## 1. Release Summary

Release Date: May 2015

Purpose: Software release to address customer found software issues.

## 2. Important Notes before Upgrading to This Release

None.

## 3. Platforms Supported

Virtual Services Platform 4000 Series

Virtual Services Platform VSP 4850GTS

Virtual Services Platform VSP 4850GTS-PWR+

Virtual Services Platform VSP 4450GSX-PWR+

Virtual Services Platform 8000 Series

Virtual Services Platform 8200

Virtual Services Platform 8400

## 4. Special Instructions for Upgrade from previous releases

None.

## 5. Notes for Upgrade

Please see “Release Notes for Avaya Virtual Services Platform 4000 Series and 8000 Series” for software release 4.2 (NN47227-401, 05.01) available at <http://www.avaya.com/support> for details on how to upgrade your Switch.

## File Names For This Release

Virtual Services Platform 4000 Series

File Name	Module or File Type	File Size (bytes)
VSP4K.4.2.0.1.tgz	Release 4.2.0.1 archived software distribution	93240467
VSP4K.4.2.0.1_mib.zip	Archive of all MIB files	899164

VSP4K.4.2.0.1_mib.txt	MIB file	5915184
VSP4K.4.2.0.1_mib_sup.txt	MIB file	886614
VSP4000v4.10_HELP_EDM_gzip.zip	EDM Help file	2773914
VSP4000v4.2.0.0.zip	EDM plug-in for v4.2.0.0/vsp4000	4165674
VSP4K.4.2.0.1.md5	MD5 Checksums	526

File Name	Module or File Type	File Size (bytes)
VSP8K.4.2.0.1.tgz	Release 4.2.0.1 archived software distribution	49510305
VSP8K.4.2.0.1_mib.zip	Archive of all MIB files	899164
VSP8K.4.2.0.1_mib.txt	MIB file	5915184
VSP8K.4.2.0.1_mib_sup.txt	MIB file	985306
VOSSv420_HELP_EDM_gzip.zip	EDM Help file	2873932
VOSSv4.2.0.0.zip	EDM plug-in for v420/vsp8000	4283833
VSP8K.4.2.0.1.md5	MD5 Checksums	520

### 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 VSP4K.4.2.0.1.tgz
software activate VSP4K.4.2.0.1.GA
```

or

```
software add VSP8K.4.2.0.1.tgz
software activate VSP8K.4.2.0.1.GA
```

## 6. Version of Previous Release

### **Virtual Services Platform 4000 Series**

Software Version 3.0.0.0, 3.0.1.0, 3.1.0.0, 3.1.0.2, 3.1.0.3, 4.0.0.0, 4.0.0.1, 4.0.0.2, 4.0.0.3, 4.1.0.0, 4.1.0.1, and 4.2.0.0 for VSP 4850GTS platforms and 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 for VSP 4450GSX platform

### **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

## 7. Compatibility

## 8. Changes in 4.2.0.1

### New Features in This Release

### Old Features Removed From This Release

### Problems Resolved in This Release

ID	Description
wi01203006	IPv4 Filter with redirect next hop action is not forwarding even when next hop is reachable.
wi01220030	When "no ip alternative" is configured, the correct nexthop may not be selected by RTM when multiple protocols (i.e Static, OSPF, ISIS) have paths to the route.
wi01220032	When "no ip alternative" is configured, dynamically changing the IP protocol route preference may not take effect. The problem will occur when multiple protocols (Static, ISIS, and/or OSPF) have a path to the same route.
wi01220381	SPBM Unicast-fib does not reflect the correct entries for the port BMACs
wi01220575	System may reset with frequent polling of MIBs 1.3.6.1.4.1.2272.1.85.10.1.1.2.1(rcKhiSlotCpuCurrentUtil) and 1.3.6.1.4.1.2272.1.85.10.1.1.8.1(rcKhiSlotMemUtil)
wi01220734	Show command for TLV 135 and 184 not handling the sub tlv length correctly.

## 9. Outstanding Issues

Please see “Release Notes for Avaya Virtual Services Platform 4000 Series and 8000 Series” for software release 4.2 (NN47227-401, 05.01) available at <http://www.avaya.com/support> for details regarding Known Issues.

In addition, the following issues have been identified:

<u>ID</u>	<u>Problem Description</u>	<u>Workaround</u>
wi01186535	Simplified VIST configuration cannot be managed correctly using EDM.	Use ACLI to configure/modify/delete Simplified VIST related commands and parameters.
wi01192436	MLT up/down trap is not sent when first port of the MLT transitions up or last port of the MLT transitions down.	Log messages of the MLT up and down events are written and sent to syslog servers if configured.
wi01203911	High latency observed in processing ICMP Request and DHCP Relay packets when large number of IP-netbios broadcast packets are received.	Workaround is to use ACL filter to capture and drop the unwanted broadcast packets.
wi01207473	On VSP 4000 Series platforms, inport/invlan deny filters do not prevent all packets from reaching the CPU	-
wi01222120	On VSP 8000 Series platforms IPv4 Filters with redirect next hop action is not forwarding when a default route is not present or a VLAN common to ingress VLAN of the filtered packet is not present.	Configure a default route if possible.

## 10. Known Limitations

Please see “Release Notes for Avaya Virtual Services Platform 4000 Series and 8000 Series” for software release 4.2 (NN47227-401, 05.01) available at <http://www.avaya.com/support> for details regarding Known Limitations.

The VSP8284XSQ platform may experience a watchdog timeout induced reset when a momentary power loss to the system occurs. In this situation the datapath has been reinitialized even though there is enough power left in the system for the Control Plane to generate a core dump. The reset is needed for the system to be fully functional again. Using a UPS is recommended to mitigate momentary power interruption.

## **11. Documentation Corrections**

For other known issues, please refer to the product release notes and technical documentation available from the Avaya Technical Support web site at: <http://www.avaya.com/support> .

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