

Virtual Services Platform 9000 Software Release 4.1.2.2

1. Release Summary

Release Date: June 2016

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 (NN46250-401) available at <http://www.avaya.com/support> for details on how to upgrade your Switch.

File Names For This Release

File Name	Module or File Type	File Size (bytes)
VSP9K.4.1.2.2.tgz	Release 4.1.2.2 archived distribution	176745175
VSP9K.4.1.2.2_modules.tgz	Encryption modules	41898
VSP9K.4.1.2.2_mib.zip	Archive of all MIB files	825195
VSP9K.4.1.2.2_mib.txt	MIB file	5490981
VSP9K.4.1.2.2_mib_sup.txt	MIB file	957849
VSP9000v410_HELP_EDM_gzip.zip	EDM Help file	3882169
VSP9K.4.1.2.2.md5	MD5 Checksums	586

VSP9K.4.1.2.2.sha512	SHA encryption	1546
VSP9000v4.1.0.0.zip	EDM WAR plugin for COM	5656346

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.4.1.2.2.tgz
software add-modules 4.1.2.2.GA VSP9K.4.1.2.2_modules.tgz
software activate 4.1.2.2.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

7. Compatibility

8. Changes in 4.1.2.2

New Features in This Release

None

Old Features Removed From This Release

None

Problems Resolved in This Release

Issue Number	Issue Description
VSP9000-536	When the CPU utilization is high, VRRP packets may be transmitted at a rate which exceeds the configured interval. Software changes have been made to ensure that VRRP transmissions happen at the configured rate only.

VSP9000-588	The Indiscards counter on IST ports increment upon receiving packets with source IP 0.0.0.0 and Multicast destination IP, even though the packet is forwarded. Fixed the InDiscards counter to not increment for these packets.
VSP9000-593	When a SNMP server polls the management virtual IP address, the switch may send SNMP responses with source MAC as VLAN interface MAC address instead of the virtual MAC address.
VSP9000-609	System may reset when setting the 'ipfixDebug' flag from debug shell, under privilege mode access.
VSP9000-582	On Gen-2 IO modules with multiple equal cost paths, the configured deny action on the VLAN input filter does not work and packets are not dropped as expected.
VSP9000-587	On a HA switch, OSPF error messages are sometimes seen in high volumes due to self-generated external LSAs going out of sync between the master and standby CPU. This does not cause any functional impact. Changes have been made to log the message only once until the mismatch is cleared.
VSP9000-635	After rebooting an IST pair which has default route pointing to SPB cloud, reachability issues may be seen in the network. When the default route is toggled, the issue is resolved.

10. Outstanding Issues

Please see "Virtual Services Platform 9000, Release Notes" for software release 4.1.0.0 (NN46250-401), 4.1.1.0 and 4.1.2.0 available at <http://www.avaya.com/support> for details regarding Known Issues.

11. Known Limitations

Please see "Virtual Services Platform 9000, Release Notes" for software release 4.1.0.0 (NN46250-401), 4.1.1.0 and 4.1.2.0 available at <http://www.avaya.com/support> for more details regarding Known Limitations.

12. 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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