

# Virtual Services Platform 9000

## Software Release VSP9K.4.0.1.2.GA

### Patch Readme File

**Patch Title:** REPLC Lockup Workaround.

**Patch File:** VSP9K.4.0.1.2.GA-TVSP9000-520A.tgz

File size: 13725 kbytes

**Patch Type:** Hitless

**Prerequisite patches:** none

**Work Item#:** VSP9000-520

**Description:**

Multicast traffic loss may sometimes be seen on a specific lane of the 9024XL IO module due to the lane being locked up. A detection and recovery mechanism has been implemented to address the lock up.

The following messages will be logged when the detection and recovery has happened:

*"REPLC lockup detected for slice <x> lane <x>.. Attempting recovery.. "*

*"Recovered from REPLC lockup"*

**Software Load Label:**

Verify that the software load label on the chassis is 4.0.1.2.GA (Primary Release)

>show software

If the software label is not 4.0.1.2.GA do not proceed with the patch application and contact your next level of support.

**Patch Application Instructions:**

ftp the patch file VSP9K.4.0.1.2.GA-TVSP9000-520A.tgz to /intflash in binary format

**Please make sure that the syncing of information to the backup CP card is completed before proceeding to the next step.**

software patch add VSP9K.4.0.1.2.GA-TVSP9000-520A.tgz

show software patch --- Patch status should read "ca"

software patch apply patch-ids TVSP9000-520A

Once the patch has been applied, the following message will be logged for all Gen-1 IO modules:

*"Patch TVSP9000-520A has been activated !!!"*

show software patch --- Patch status should read "ap"

```
/* Patch system information */
/* Status: busy */
/* Description: committing */
```

software patch commit

show software patch

*/\*Patch status should read "ap"\*/*

```
/* Patch system information */
/* Status: idle */
/* Description: idle */
```

### **Patch Lab Test Instructions:**

Apply patch TVSP9000-520A and perform basic patch sanity.

### **Patch Removal Instructions:**

software patch revert patch-ids TVSP9000-520A

software patch commit

software patch remove version 4.0.1.2.GA patch-id TVSP9000-520A

show software patch

### **Patch V status date:**

04/18/2016

### **Other Documentation**

Please see "Upgrades and Patches - Software Release 4.0 Avaya Virtual Services Platform 9000" Doc ID NN46250-401 available at <http://www.avaya.com/support> for details on patch management.

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