

# Virtual Services Platform 9000

## Software Release VSP9K.3.4.3.0.GA

### Patch Readme File

**Patch Title:** Enabling OSPF on 120<sup>th</sup> L2VSN may cause missing LSM and VRRP transitions across IST port

**Patch File:** VSP9K.3.4.3.0.GA-T01193718A.tgz File size: 25059 bytes

**Patch Type:** Hitless

**Prerequisite patches:** none

In a scaled OSPF environment large router update packets need to be fragmented before being sent out. Incorrect handling of the fragment on an L2VSN causes datapath lockup affecting multicast packets out an IST/NNI interface. This condition results in missing LSM packets and VRRP transitions because of the blocked multicast packets. This patch corrects the fragment handling logic to prevent such a condition from occurring.

If issue has already occurred on a system, the locked condition of the IO ports will need to be cleared by performing a reset of the affected IO slot.

**Work Item#:** wi01193718

**Description:**

**Software Load Label:**

Verify that the software load label on the chassis is 3.4.3.0.GA (Primary Release)

>show software

If the software label is not 3.4.3.0.GA do not proceed with the patch application and contact your next level of support.

**Patch Application Instructions:**

ftp the patch file VSP9K.3.4.3.0.GA-T01193718A.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.3.4.3.0.GA-T01193718A.tgz
```

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

```
software patch apply patch-ids T01193718A
```

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

```
software patch commit
```

show software patch

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

**Patch Lab Test Instructions:**

Apply patch T01193718A and perform basic patch sanity.

**Patch Removal Instructions:**

software patch revert patch-ids T01193718A

software patch commit

software patch remove version 3.4.3.0.GA patch-id T01193718A

show software patch

**Patch V status date:**

10/17/2014

**Other Documentation**

Please see "Upgrades and Patches-Software Release 3.4 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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