

# Virtual Services Platform 9000

## Software Release VSP9K.3.4.0.1.GA

### Patch Readme File

**Patch Title:** VSP9000: 3.4.0.1 RSP microcode loading error

**Patch File:** VSP9K.3.4.0.1.GA-T01145303A.tgz File size: 13029 bytes

**Patch Type:** Hitless

**Prerequisite patches:** none

**Work Item#:** wi01145303

**Description:**

During chassis or I/O cards cold boot, sometimes a "RSP Microcode Download Failed" message is seen. Indeterminate forwarding issues may occur.

RSP initialization is fixed.

**Software Load Label:**

Verify that the software load label on the chassis is 3.4.0.1.GA (Primary Release)

>show software

If the software label is not 3.4.0.1.GA do not proceed with the patch application and contact your next level of support.

**Patch Application Instructions:**

ftp the patch file VSP9K.3.4.0.1.GA-T01145303A.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.3.4.0.1.GA-T01145303A.tgz
```

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

```
software patch apply patch-ids T01145303A
```

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

```
software patch commit
```

```
show software patch
```

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

To correct the problem after the error message has been observed, the line cards have to be power cycle.  
To power off the card : "config no sys power slot <slot number>".  
To power on the line card: "config sys power slot <slot number>".

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

Apply patch T01145303A and perform basic patch sanity.

### **Patch Removal Instructions:**

```
software patch revert patch-ids T01145303A
software patch commit
software patch remove version 3.4.0.1.GA patch-id T01145303A
show software patch
```

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

01/23/2014.

### **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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