

## **RH4.0 AS/ES/WS Update 4 In-kernel Driver Install Procedure Using Promise SuperTrak as Non Boot Device (Kernel 2.6.9-42.EL)**

**Step 1.** Log in as root to the kernel in question (UP or SMP.. etcetera)

**Step 2.** cd into:

```
/lib/modules/2.6.9-42.ELsmp /kernel/drivers/scsi/  
In this directory you will find the Promise module (stex.ko)
```

**Step 3.** from /lib/modules/2.6.9-42.ELsmp/kernel/drivers/scsi/  
Type the following: modprobe sd\_mod followed by insmod stex.ko

**Step 4.** Editing /etc/modprobe.conf. Using a text editor apply the following line: "alias scsi\_hostadapter stex" (without "")

```
Example: vi /etc/modprobe.conf  
alias eth0 e1000  
alias eth1 e1000  
alias scsi_hostadapter1 ata_piix  
alias usb-controller ehci-hcd  
alias usb-controller1 uhci-hcd  
alias scsi_hostadapter2 qla4xxx  
alias scsi_hostadapter stex  
~  
~  
~  
~  
  
~  
"/etc/modprobe.conf" 7L, 188C
```

**Step 5.** Updating the kernel ramdisk type the following:  
/sbin/mkinitrd -v -f /boot/init-2.6.9-42.ELsmp.img 2.6.9-42.ELsmp

**Step 6.** Hit the Enter key on your keyboard.

**Step 7.** Reboot and boot back in. The driver will load automatically.

## **RH4.0 AS/ES/WS Update 4 In-kernel Driver Install Procedure Using Promise SuperTrak as Boot Device (Kernel 2.6.9-42.EL)**

**Step 1.** Visit the Promise website:

[http://www.promise.com/support/download/download\\_eng.asp](http://www.promise.com/support/download/download_eng.asp)

Download the RH4.0 AS/ES/WS Update 4 driver install disk

**Step 2.** Open the driver install disk. Follow the read me instructions on how to create a Linux Driver Disk (linux dd) The Instructions will read as follows:

1.2 How to make floppy

1.2.1 On DOS-based PC:

Running "rawrite.exe" and according to prompt to extract image file to floppy.

1.2.2 On UNIX/LINUX-based PC:

Run Command:

"dd if=<imagefilename> of=<floppydevicename> bs=10k"

This will copy the driver image to the floppy

Note:

The <imagefilename> is the disk image file name that you want to copy. <floppydevicename> is the floppy device name, on Linux Host. The device name should be "/dev/fd0"

**Step 3.** Once the driver install disk has been created proceed with your installation of Red Hat 4.0 AS/ES/WS. Booting from CD or DVD at boot prompt type: linux dd

When prompted for the Promise Driver install Disk, insert the Floppy into your floppy drive and load the Promise driver.

**Step 4.** Proceed with your installation as you would normally