

## Re: Can't restore Red Hat Ent V3 from tape

**Source:** <http://linux.derkeiler.com/Newsgroups/comp.os.linux.setup/2004-09/0298.html>

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**Date:** 09/10/04

Date: Fri, 10 Sep 2004 13:08:08 -0400

Dave wrote:

> *Could someone help me, I am having trouble restoring a full system  
> backup tape which contained a good "bru" archive of my full and updated  
> Operating system from / down. I had Red Hat Enterprise V3 installed  
> and about 3 months of updates, which included several updates to the  
> kernel that I had noticed the kupdate program downloading and  
> installing. My latest kernel on the system was vmlinuz-2.4.21-20.EL.  
> My /etc/grub.conf stated the following after the updates.*

It needs a little bit more (see below).

>  
> *kernel = /vmlinuz-2.4.21-20.EL Root=LABEL=/ initrd  
> /inird-2.4.21-20.EL.img  
>  
> kernel = /vmlinuz-2.4.21-15.0.4.EL ro Root=LABEL/ initrd  
> /initrd-2.4.21-15.0.4.EL.img  
>  
> kernel = /mvlinuz-2.4.21-15.EL ro Root=LABEL/ initrd  
> /initrd-2.4.21-15.EL.img  
>  
> *After I restore the full system backup tape and reboot, the system just  
> boots to a black screen with the work "GRUB" and a flashing cursor. The  
> system is totally unresponsive to any keyboard keys. I am guessing  
> after restoring the tape backup the GRUB program can't locate the now  
> restored boot image that probably is in a new area on the HD. I have  
> played around with running the command #grubby  
> --update-kernel=/boot/vmlinuz-2.4.21-20-.EL to see if it would update  
> any/or all necessary entries to find the kernel on boot, but again  
> after the fifth time of reloading everything and rebooting the system  
> just comes back to a black screen with the word "GRUB".  
>  
>  
> *Any help to this problem would be greatly appreciated.  
>  
> Please feel free to email me at "laporte1@charter.net"  
>  
>  
> Thanks***

>  
> *Dave LaPorte.*

Did you actually use CRU? It is supposed to restore absolutely everything, partition table, /dev/, and all, by using two floppies and the backup tape.

Is /boot and /boot/grub correct? Sounds like grub is being called and it cannot find the stuff in /boot/grub.

My /boot/grub looks like this:

```
]$ ls -l /boot/grub
total 187
-rw-r--r-- 1 root root 82 Mar 2 2004 device.map
-rw-r--r-- 1 root root 7840 Mar 2 2004 e2fs_stage1_5
-rw-r--r-- 1 root root 7536 Mar 2 2004 fat_stage1_5
-rw-r--r-- 1 root root 6880 Mar 2 2004 ffs_stage1_5
-rw----- 1 root root 881 Sep 8 00:42 grub.conf
-rw----- 1 root root 905 Aug 4 01:22 grub.conf.dist
-rw----- 1 root root 905 Aug 4 01:12 grub.conf~
-rw-r--r-- 1 root root 8448 Mar 2 2004 jfs_stage1_5
lrwxrwxrwx 1 root root 11 Mar 2 2004 menu.lst ->
./grub.conf
-rw-r--r-- 1 root root 7040 Mar 2 2004 minix_stage1_5
-rw-r--r-- 1 root root 9408 Mar 2 2004 reiserfs_stage1_5
-rw-r--r-- 1 root root 11182 Sep 11 2003 splash.xpm.gz
-rw-r--r-- 1 root root 512 Mar 2 2004 stage1
-rw-r--r-- 1 root root 106364 Mar 2 2004 stage2
-rw-r--r-- 1 root root 6528 Mar 2 2004 vstafs_stage1_5
-rw-r--r-- 1 root root 9320 Mar 2 2004 xfs_stage1_5
```

```
trillian:root[/boot/grub]# cat grub.conf
# grub.conf generated by anaconda
#
# Note that you do not have to rerun grub after making changes to this file
# NOTICE: You have a /boot partition. This means that
# all kernel and initrd paths are relative to /boot/, eg.
# root (hd0,0)
# kernel /vmlinuz-version ro root=/dev/hda3
# initrd /initrd-version.img
#boot=/dev/hda
default=0
timeout=15
splashimage=(hd0,0)/grub/splash.xpm.gz
title Red Hat Enterprise Linux ES (2.4.21-20.ELsmp)
    root (hd0,0)
    kernel /vmlinuz-2.4.21-20.ELsmp ro root=LABEL=/
    initrd /initrd-2.4.21-20.ELsmp.img
title Red Hat Enterprise Linux ES (2.4.21-20.EL)
    root (hd0,0)
    kernel /vmlinuz-2.4.21-20.EL ro root=LABEL=/
```

comp.os.linux.setup: Re: Can't restore Red Hat Ent V3 from tape

```
initrd /initrd-2.4.21-20.EL.img
title Red Hat Enterprise Linux ES (2.4.21-15.0.4.ELsmp)
root (hd0,0)
kernel /vmlinuz-2.4.21-15.0.4.ELsmp ro root=LABEL=/
initrd /initrd-2.4.21-15.0.4.ELsmp.img
```

--

```
.~. Jean-David Beyer          Registered Linux User 85642.
/V\          Registered Machine 241939.
/( )\ Shrewsbury, New Jersey  http://counter.li.org
^^-^^ 13:00:00 up 1 day, 23:43, 3 users, load average: 4.36, 4.27, 4.20
```