
Subject: ovzkernel at Itanium 2
Posted by [blackmorph](#) on Wed, 06 May 2009 04:45:58 GMT
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Hi, all!

I have problem with installation ovzkernel at Itanium 2 blade server. i did yum install ovzkernel as write in HOWTO but i received:

```
[root@zeus home]# rpm -ivh ovzkernel-2.6.18-92.1.18.el5.028stab060.8.ia64.rpm
Preparing... ##### [100%]
 1:ovzkernel ##### [100%]
error: unpacking of archive failed on file
/boot/efi/EFI/redhat/vmlinux-2.6.18-92.1.18.el5.028stab060.8 : cpio: chmod failed - Operation not
permitted
Could any know what is the problem?
```

Subject: Re: ovzkernel at Itanium 2
Posted by [schjeall](#) on Wed, 06 May 2009 07:57:17 GMT
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Hello

Maybe you already checked this.

Please see that you have enough free space on your boot partition - if /boot is a partition.

/Allan

Subject: Re: ovzkernel at Itanium 2
Posted by [blackmorph](#) on Wed, 06 May 2009 09:41:46 GMT
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Hello,

I did it at once .
My /boot/efi partition has 184M free space
It's enough for 2 new kernel and initrd files.

Subject: Re: ovzkernel at Itanium 2
Posted by [schjeall](#) on Wed, 06 May 2009 10:45:08 GMT
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Hello

Maybe this can be related to the file system you are using. I have seen problems like this when using nfs file system.

Have you checked /var/log files for any indication of problems?

Subject: Re: ovzkernel at Itanium 2

Posted by [blackmorph](#) on Wed, 06 May 2009 12:23:06 GMT

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Hello,

Here it is output for mount:

```
/dev/mapper/VolGroup00-LogVol00 on / type ext3 (rw)
proc on /proc type proc (rw)
sysfs on /sys type sysfs (rw)
devpts on /dev/pts type devpts (rw,gid=5,mode=620)
/dev/sda2 on /boot type ext3 (rw)
/dev/sda1 on /boot/efi type vfat (rw,umask=0077,shortname=winnt)
tmpfs on /dev/shm type tmpfs (rw)
none on /proc/sys/fs/binfmt_misc type binfmt_misc (rw)
/dev/sdb1 on /home/virtual type ext3 (rw)
```

You can see /dev/sda1 partition as vfat and mounted /boot/efi. This is requirements for Itanium-based systems and created by installation.

```
[root@zeus redhat]# pwd
/boot/efi/EFI/redhat
[root@zeus redhat]# ls -al
total 20932
drwx----- 2 root root  4096 2009-05-06 08:54 .
drwx----- 4 root root  4096 2009-05-02 13:08 ..
-rwx----- 1 root root   275 2009-05-05 18:55 elilo.conf
-rwx----- 1 root root 360553 2008-03-04 20:30 elilo.efi
-rwx----- 1 root root 4961928 2009-05-02 13:13 initrd-2.6.25-14.fc9.ia64.img
-rwx----- 1 root root 12134176 2009-05-06 08:54 vmlinux-2.6.18-92.1.18.el5.028stab060.8
-rwx----- 1 root root 3955186 2008-05-02 15:49 vmlinuz-2.6.25-14.fc9.ia64
```

You can see vmlinux-2.6.18-92.1.18.el5.028stab060.8 was unpacked but vmlinuz-2.6.18-92.1.18.el5.028stab060.8 was not.

I tried check ovzlinux in rpm db but it was no results.

```
[root@zeus redhat]# rpm -qa | grep ovzkernel
[root@zeus redhat]#
```

I checked log:

```
[root@zeus redhat]# cat /var/log/messages | grep ovzkernel
May  5 18:40:19 zeus yum: Installed: ovzkernel-2.6.18-92.1.18.el5.028stab060.8.ia64
```

```
[root@zeus redhat]# rpm -e ovzkernel-2.6.18-92.1.18.el5.028stab060.8.ia64
error: package ovzkernel-2.6.18-92.1.18.el5.028stab060.8.ia64 is not installed
```

I think install info was written into log but next it was the error. I don't have any other info about this package in log files.

Subject: Re: ovzkernel at Itanium 2
Posted by [blackmorph](#) on Wed, 06 May 2009 12:28:37 GMT
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Hmmmmm.....

Of course, I cannot change file permissions on vfat partition.
New trouble - How can i install ovzkernel if kernel and mkinitrd image must be in vfat partition?

Subject: Re: ovzkernel at Itanium 2
Posted by [blackmorph](#) on Thu, 07 May 2009 09:11:44 GMT
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blackmorph wrote on Wed, 06 May 2009 17:28Hmmmmm.....

Of course, I cannot change file permissions on vfat partition.
New trouble - How can i install ovzkernel if kernel and mkinitrd image must be in vfat partition?

Subject: Re: ovzkernel at Itanium 2
Posted by [blackmorph](#) on Thu, 07 May 2009 09:31:45 GMT
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Hmmmm.....

I unpacked ovzkernel rpm file and placed all files into those directories where they must be.
Ovzkernel booting but returns error.

RAMDISK: Couldn't find valid RAM disk image starting at 0.
VFS: Cannot open root device "sda4" or unknown-block(0,0)
Please append a correct "root=" boot option
Kernel panic - not syncing: VFS: Unable to mount root fs on unknown-block(0,0)

My elilo.conf looks like:
[root@zeus ~]# cat /boot/efi/EFI/redhat/elilo.conf
prompt
timeout=20
default=linux

relocatable

```
image=vmlinuz-2.6.25-14.fc9.ia64
  label=linux
  initrd=initrd-2.6.25-14.fc9.ia64.img
  read-only
  append="root=UUID=31235982-9717-4e5d-ae07-bfc327105ecd"
image=vmlinuz-2.6.18-92.1.18.el5.028stab060.8
  label=openvz
  initrd=vmlinuz-2.6.18-92.1.18.el5.028stab060.8
  read-only
  root="/dev/sda4"
```

My fstab looks like:

```
[root@zeus ~]# cat /etc/fstab
/dev/sda4    /          ext3  defaults          1 1
/dev/sdb1    /home/virtual ext3  defaults          1 2
/dev/sda2    /boot      ext2  defaults          1 2
/dev/sda1    /boot/efi  vfat  umask=0077,shortname=winnt 0 0
tmpfs        /dev/shm   tmpfs defaults          0 0
devpts       /dev/pts   devpts gid=5,mode=620    0 0
sysfs        /sys       sysfs defaults          0 0
proc         /proc      proc  defaults          0 0
/dev/sda3    swap       swap  defaults          0 0
```

Can someone know about this problem?