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Subject: Re: development kernel can not boot

Posted by [Vasily Tarasov](#) on Tue, 27 Jun 2006 10:52:46 GMT

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Hello, sorry for delay.

I've investigated your initrd images.

This is from init script from initrd-2.6.16-026test014.4-smp.img:

```
/sbin/udevstart
```

```
echo -n "/sbin/hotplug" > /proc/sys/kernel/hotplug
```

```
echo "Loading mptbase.ko module"
```

```
insmod /lib/mptbase.ko
```

```
echo "Loading mptscsi.ko module"
```

```
insmod /lib/mptscsi.ko
```

```
/sbin/udevstart
```

There is these files on image:

```
$ ls -l image/lib/mptbase.ko
```

```
-rw-r--r-- 1 vass users 57248 Jun 27 13:27 ./lib/mptbase.ko
```

```
vass@dhcp0-138 $ ls -l image/lib/mptscsi.ko
```

```
-rw-r--r-- 1 vass users 39856 Jun 27 13:27 ./lib/mptscsi.ko
```

```
vass@dhcp0-138 $
```

But sizes are different from those modules, that go with openvz :

```
$ ls -l /lib/modules/2.6.16-026test014.4/kernel/drivers/message/fusion/mptbase.ko
```

```
-rwxr--r-- 1 vass users 56392 Jun 7 17:18
```

```
./lib/modules/2.6.16-026test014.4/kernel/drivers/message/fusion/mptbase.ko
```

```
$ ls -l /lib/modules/2.6.16-026test014.4/kernel/drivers/message/fusion/mptscsi.ko
```

```
-rwxr--r-- 1 vass users 38808 Jun 7 17:18
```

```
./lib/modules/2.6.16-026test014.4/kernel/drivers/message/fusion/mptscsi.ko
```

Thus there are wrong modules on initrd!

Also support of your device resides in module: mptspi.ko. But there is no this module on initrd image and in init script.

Conclusion: initrd image is created by mkinitrd script of your distribution. And it works not properly with our kernel.

Solution: You can create your initrd image manually.

Please, tell me your distribution? I'll try to check it and may be it's OpenVZ bug.