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Subject: Kernel 2.6.27-briullov with CAOS 2.0

Posted by [lars.bailey](#) on Mon, 24 May 2010 00:14:02 GMT

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I am currently testing the CAOS 2.0 LINUX distribution for possible deployment. I currently run kernel 2.6.27-briullov on a Fedora Core 9 test Node server, using the XFS filesystem for "/" and the "/vz" partition, with two spanned swap partitions, without any problems. The CAOS Linux distribution, is REDHAT based, using a 2.6.16 kernel. As a note, this is an enterprise level OS, and was created by the same development team for CENTOS 5.x. It is setup basically the same as the FC9 server, except I used JFS. When booting up this OVZ kernel on CAOS 2.0, I get this;

Creating device nodes

```
Loading jfs.ko module JFS:ntx Block=1981,nTxblock=15848
```

```
error:qoute mismatch for checking suspend 2 resume
```

```
echo "">/proc/suspend2/do_resume
```

```
echo Creating root device
```

```
mkrootdev /dev/root
```

```
echo Mounting root filesystem
```

```
mount -O defaults --ro -t jfs /dev/root /sys/root
```

```
echo Switching to new root
```

```
switchroot --movedev/sysroot
```

```
echo:cannot open /proc/suspend2/do_resume for write:2
```

```
Creating root device
```

```
Mounting root filesystem
```

```
mount:error 6 mounting jfs
```

```
Switching to new root
```

```
Error opening /dev/console !!!!:2
```

```
Kernel panic-not syncing:
```

```
Attempted to kill init!
```

At first, I thought it maybe the filesystem type(JFS), but it does not matter if I use JFS, XFS, or EXT3 with this kernel on CAOS.

My guess is, that it has to do with "switching" of root filesystems, as I have never have run across this in a "dmesg".

The distribution is currently installed as a Clustered LAMP server. (I want to make a template cache out of this image)

I do not think this makes any difference, but I am also not a kernel expert.

If anyone can give me some direction to go, I would appreciate the input.

As another note, this same kernel ran on our old CENTOS 5.5 nodes.

CAOS 2.0 - original kernel branch 2.6.16.x

upgrades to 2.6.16.116

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