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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 its has to do with 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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