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Subject: Re: booting kernel with raid and lvm  
Posted by [snozzled](#) on Thu, 07 Aug 2008 09:08:45 GMT  
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Right, finally tracked down the issue.

I rebuilt the initrd with a hand edited init file that made the lvm vgscan run in verbose mode. It showed the volumes were not being found because the partition they are on was showing up as 0 bytes long.

That lead me to suspect it was actually the ata driver that was at fault. I dismantled the initrd for the working F9 kernel too and compared it to the one used by the ovzkernel. That lead me to mkinitrd the ovz version --with= some additional modules which got the problem mostly fixed.

I still needed to hand edit the init file to load things in a slightly different order and to add a mdadm --run for a /dev/md that was not being detected properly.

The kernel now boots, but I guess I'm stuck rebuilding the initrd for it every time I need to upgrade. Still, it beats having to compile from scratch.

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