

Re: Kernel update via yum on triple-boot machine

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2005-03/4639.html>

From: Itay Furman (itayf_at_u.washington.edu)

Date: 03/20/05

Date: Sun, 20 Mar 2005 11:48:29 -0800 (PST)

On Sun, 20 Mar 2005, Gene Heskett wrote:

> *Date: Sun, 20 Mar 2005 11:25:15 -0500*
> *From: Gene Heskett <gene.heskett@verizon.net>*
> *To: Itay Furman <itayf@u.washington.edu> ,*
> *For users of Fedora Core releases <fedora-list@redhat.com>*
> *Subject: Re: Kernel update via yum on triple-boot machine*
>
> *On Sunday 20 March 2005 09:45, Itay Furman wrote:*

[snip]

>> *I suspect it is related to the fact that this is a triple-boot
>> machine with the following set up:*
>>
>> */dev/hda1 Dell utilities*
>> */dev/hda2 Windows*
>> */dev/hda3 boot (gentoo; **grub is installed here**)*
>> *...*
>> */dev/hda9 boot (FC2)*
>>
>> *If so I could manually edit grub.conf under /dev/hda3 to point to
>> the new kernel.*
>
> *yes, you can have many verses in your grub.conf. Unforch, the
> manpage isn't very clear on some details, and the context sensitive
> use of the 'root' keyword can be very confusing to gnuibies. On a
> line by itself the root (hd0,0) means that the '/boot' partition for
> the intended install, where the first '0' means the first drive,
> usually hda, and the second '0' means the partition number, which
> could mean hda1.*
>
> *But when used as the argument appended to the kernel line, it then
> becomes the pointer to the '/' filesystem of this particular boot
> configuration verse of your grub.conf. I believe, but am not sure,
> that you will have to consolidate to one, and one only, /boot
> partitions, putting all the various versions of vmlinuz, and the grub*

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- > *subdirs into this single partition, which is then mounted as /boot*
- > *for everything but the windows install.*
- >

Thanks for clearing this up.

- > *Personally, I'd blow away the windows install and put the grub*
- > *bootloader in the mbr of hda. Grub, I'm told, can boot windows just*
- > *fine. But if you blow it way you don't have to worry about the next*
- > *windows viri/worm of the week. But then maybe I'm a bit odd, I've*
- > *never had a windows install here, ever. Its a nice snug feeling &*
- > *windows has yet to have the killer app that I couldn't either fudge*
- > *up a workalike in os9 or amigados or linux, or do without with no*
- > *pangs of regret. I'm not heavy on game playing so that probably*
- > *helps.*
- >

I'd blow it away too, but this machine serves others too.

To be fair, the windows OS saved me once or twice when I was in a hurry.

- > *In your case, the intended update has no knowledge of the location*
- > *where you installed your initial grub. Just add the stuff to your*
- > *grub.conf and it **should** be ok.*
- >

Thanks for the info and the advice.

Itay

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