Subject: Re: [patch 05/10] add "permit user mounts in new namespace" clone flag

Posted by Miklos Szeredi on Mon, 16 Apr 2007 17:50:46 GMT

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- >>> > Also for bind-mount and remount operations the flag has to be propagated >>> > down its propagation tree. Otherwise a unpriviledged mount in a shared
- >>> mount wont get reflected in its peers and slaves, leading to unidentical
- >>> > shared-subtrees.
- >>>>
- >>> That's an interesting question. Do we want shared mounts to be
- >>> totally identical, including mnt flags? It doesn't look as if
- >>> do_remount() guarantees that currently.
- >>>
- >>> Depends on the semantics of each of the flags. Some flags like of the
- >> read/write flag, would not interfere with the propagation semantics
- >> AFAICT. But this one certainly seems to interfere.
- > >
- >> That depends. Current patches check the "unprivileged submounts
- > > allowed under this mount" flag only on the requested mount and not on
- >> the propagated mounts. Do you see a problem with this?
- >
- > Don't see a problem if the flag is propagated to all peers and slave
- > mounts.
- >
- > If not, I see a problem. What if the propagated mount has its flag set
- > to not do un-priviledged mounts, whereas the requested mount has it
- > allowed?

Then the mount is allowed.

It is up to the sysadmin/distro to design set up the propagations in a way that this is not a problem.

I think it would be much less clear conceptually, if unprivileged mounting would have to check propagations as well.

Miklos