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Subject: Re: [patch 0/8] unprivileged mount syscall  
Posted by [Miklos Szeredi](#) on Mon, 09 Apr 2007 20:10:41 GMT  
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> > The one in pam-0.99.6.3-29.1 in opensuse-10.2 is totally broken. Are  
> > you interested in the details? I can reproduce it, but forgot to note  
> > down the details of the brokenness.  
>  
> I don't know how far removed that is from the one being used by redhat,  
> but assuming it's the same, then redhat-lspp@redhat.com will be  
> very interested.

OK.

> > - user namespace setup: what if user has multiple sessions?  
> >  
> > 1) namespaces are shared? That's tricky because the session needs to  
> > be a child of a namespace server, not of login. I'm not sure PAM  
> > can handle this  
> >  
> > 2) or mounts are copied on login? That's not possible currently,  
> > as there's no way to send a mount between namespaces. Also it's  
> > tricky to make sure that new mounts are also shared  
>  
> See toward the end of the 'shared subtrees' OLS paper from last year for  
> a suggestion on how to let users effectively 'log in to' an existing  
> private mounts ns.

This?

1. create a new namespace
2. bind /share/\$USER to /share
3. for each pair (\$who, \$what) such that  
/share/\$USER/\$who/\$what exists, look  
in /share/\$who/allowed for "peer \$what  
\$USER" or "slave \$what \$USER". If the  
former is found, rbind /share/\$who/\$what  
on /share/\$USER/\$who/\$what; if the  
latter is found, do the same and  
follow with marking subtree under  
/share/\$USER/\$who/\$what as slave.
4. rbind /share/\$USER to /share
5. mark subtree under /share as private.
6. umount -l /share

Well, someone please explain using short words, because I don't understand at all.

Thanks,  
Miklos

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Containers mailing list  
Containers@lists.linux-foundation.org  
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