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

Posted by [Ram Pai](#) on Mon, 16 Apr 2007 09:49:01 GMT

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On Mon, 2007-04-16 at 11:32 +0200, Miklos Szeredi wrote:

> > > Given the existence of shared subtrees allowing/denying this at the

> > > mount

> > > namespace level is silly and wrong.

> > >

> > > If we need more than just the filesystem permission checks can we

> > > make it a mount flag settable with mount and remount that allows

> > > non-privileged users the ability to create mount points under it

> > > in directories they have full read/write access to.

> >

> > Also for bind-mount and remount operations the flag has to be propagated

> > down its propagation tree. Otherwise a unprivileged 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.

RP

> Miklos
