
Subject: Re: [patch] unprivileged mounts update
Posted by [ebiederm](#) on Fri, 27 Apr 2007 04:10:31 GMT
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Miklos Szeredi <miklos@szeredi.hu> writes:

>> On Apr 25 2007 11:21, Eric W. Biederman wrote:
>> >>
>> >> Why did we want to use fsuid, exactly?
>> >
>> >- Because ruid is completely the wrong thing we want mounts owned
>> > by whomever's permissions we are using to perform the mount.
>>
>> Think nfs. I access some nfs file as an unprivileged user. knfsd, by
>> nature, would run as `uid=0, gid=0`, but it needs `fsuid=jengelh` for
>> most permission logic to work as expected.
>
> I don't think knfsd will ever want to call `mount(2)`.
>
> But yeah, I've been convinced, that using fsuid is the right thing to
> do.

Actually knfsd does call `mount` when it crosses a mount point on the nfs server it generates an equivalent mount point in linux. At least I think that is the what it is doing. It is very similar to our mount propagation path.

However as a special case I don't think the permission checking is likely to bite us there. It is worth double checking once we have the other details ironed out.

Eric

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
