
Subject: Re: [PATCH] Send quota messages via netlink
Posted by [ebiederm](#) on Wed, 29 Aug 2007 21:06:43 GMT
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Jan Kara <jack@suse.cz> writes:

>
>> However I'm still confused about the use of current->user. If that
>> is what we really want and not the user who's quota will be charged
>> it gets to be a really trick business, because potentially the uid
>> we want to deliver varies depending on who opened the netlink socket.
> I see it's a complicated matter :). What I need to somehow pass to
> userspace is something (and I don't really care whether it will be number,
> string or whatever) that userspace can read and e.g. find a terminal
> window or desktop the affected user has open and also translate the
> identity to some user-understandable name (average user Joe has to
> understand that he should quickly cleanup his home directory ;).
> Thinking more about it, we could probably pass a string to userspace in
> the format:
> <namespace type>:<user identification>
>
> So for example we can have something like:
> unix:1000 (traditional unix UIDs)
> nfs4:joe@machine
>
> The problem is: Are we able to find out in which "namespace type" we are
> and send enough identifying information from a context of unprivileged
> user?

Ok. This provides enough context to understand what you are trying to do.
You do want the unix user id, not the filesystem notion. Because you
are looking for the user.

So we have to figure out how to do the hard thing which is look at
who opened our netlink broadcast see if they are in the same user
namespace as current->user. Which is a pain and we don't currently
have the infrastructure for.

Eric

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