Subject: Re: process_group()
Posted by ebiederm on Sun, 21 Jan 2007 06:23:43 GMT

ebiederm@xmission.com (Eric W. Biederman) writes:
>
> Close.  Our ultimate goal is to make it so that when you talk within
> the kernel you use a struct pid not a pid_t value.  Attacking the
> cached pid_t values is merely a way finding those places.
>
> So fixing thing like the pid_t value passed as credentials in unix domain
> sockets is a lot more important than fixing any use of process_session
> that just goes to user space.
>
> The reason it is important is because different processes may be in different
> pid namespaces and raw pid_t values just won't make sense while struct pid
> references are pid namespace independent.

The other reason for preferring a struct pid form is that it avoids
unnecessary hash table lookups, that we get processing pid in pid_t form.

Eric

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