Subject: Re: [PATCH 0/13] Pid namespaces (OpenVZ view)
Posted by serue on Thu, 24 May 2007 19:10:57 GMT
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Quoting Eric W. Biederman (ebiederm@xmission.com):
> "Serge E. Hallyn" <serue@us.ibm.com> writes:
>
> >> 3. Cleaner logic for namespace migration: with this approach
> >>   one need to save the virtual pid and let global one change;
> >>   with Suka's logic this is not clear how to migrate the level
> >>   2 namespace (concerning init to be level 0).
> >
> > This is a very good point.
> >
> > How *would* we migrate the pids at the second level?
>
> As long as you don't try and restore pids into the initial pid namespace
> it isn't a problem. You just record the pid hierarchy and the pid
> for a task in that hierarchy. There really is nothing special going on
> that should make migration hard.
>
> Or did I miss something?

Hmm, no, i guess you are right. I was thinking that getting the pid for
a process woudl be done purely from userspace, but I guess along with a
kernel helper to *set* pids, we could also have a kernel helper to get
all pids for all pid namespaces "above" that of the process doing the
checkpoint.

Makes sense.

thanks,
-serge