Subject: Re: Processes with multiple pid\_t values
Posted by Herbert Poetzl on Wed, 13 Dec 2006 08:10:24 GMT

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On Tue, Dec 12, 2006 at 02:34:20PM -0700, Eric W. Biederman wrote:

- > "Serge E. Hallyn" <serue@us.ibm.com> writes:
- >
- > > Sigh, here we go back again to the question of what to do in the case
- > > of a lightweight container which doesn't have a /sbin/init. Let's say
- > > I do
- >> spawn\_container(fork\_and\_exit(sleep 30m));
- > >
- > > so pid 1 forks, pid 2 sleeps 30 minutes, but pid 1 exits right after
- >> the fork. What do we do? Create an idle pid 1? Tack a struct pid
- > > to the parent namespaces' pid=1 making it pid=1 for the child namespace?

it would be perfectly fine, as long as the following is true:

- only the pid remains, not the associated task
- a 'fallback' reaper takes care of reaping the children (in the lightweight case)
- the task creating the container does not need to 'hang' around outside the container
- > I was thinking whoever called spawn container would be pid 1.
- > But I agree that is only a partial solution.
- > It definitely makes sense to worry about this question later when all
- > of the rest of the details for system containers are sorted out.

okay, as long as 'we' do not forget about this on the way ...

best, Herbert

- > Eric
- >\_\_\_\_\_
- > Containers mailing list
- > Containers@lists.osdl.org
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