
Subject: Re: [RFC][PATCH 4/4] PID: use the target ID specified in procs
Posted by [ebiederm](#) on Thu, 13 Mar 2008 23:12:40 GMT

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Oren Laadan <orenl@cs.columbia.edu> writes:

>>> I'm sorry but I'm pretty new in this domain, so I don't see what are the
>>> namespaces where setting (or pre-setting) the id would be a problem?
>>
>> pids to some extent as people use them in all kinds of files. Being
>> able to force the pid of another process could make a hard to trigger
>> security hole with file permissions absolutely trivial to hit.
>
> Since the intent of this mechanism is to allow ckpt/restart, it makes
> sense to only allow this operation during restart. For example, in zap,
> containers have a state, e.g. running, stopped, ckpt, restart, and this
> is only possible in restart state; Furthermore, a container can only be
> put in restart state at creation time, and only by root. Of course, you
> should only trust that as much as you trust the root :O

Yes and thanks.

The notion of the state of a container makes a lot of sense (even if
we never implement explicit state bits).

Eric

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