Subject: Re: [RFC][PATCH] Do not set /proc inode->pid for non-pid-related inodes
Posted by Cedric Le Goater on Thu, 22 Mar 2007 10:44:24 GMT
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[long long thread]

Eric W. Biederman wrote:
> Cedric Le Goater <clg@fr.ibm.com> writes:
>
>>>> what about a kthread that would be spawned when a task is cloned in an
>>>> unshared pid namespace ? This is an extra cost in term of tasks.
>>> If you use kernel_thread this can happen. (Die kernel_thread).
>>> If you use the kthread interface keventd will be the parent process and
>>> we won't have problems.
>> so is it something acceptable for mainline ? I think openvz has such
>> a thread doing the reaping.
>
> Please clarify. Is what acceptable for mainline?

[As i kind of jumped in the thread, i did some digging in the thread to
  see where these comments were coming from.]

Correct me if i got something wrong : the initial question is how do we
handle the pid namespace exit and if we mandate task with pid == 1 to be
the last task to die ?

So I suggested to have a kthread be pid == 1 for each new pid namespace.
the kthread can do the killing of all tasks if needed and will die when
the refcount on the pid namespace == 0.

Would such a (rough) design be acceptable for mainline ?

C.

_____
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