
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

[View Forum Message](#) <> [Reply to Message](#)

[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.

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
