On 07/27, Pavel Emelyanov wrote:
>
> Oleg Nesterov wrote:
> >
> >Perhaps, we can do something like the patch below. Roland, what do you
> >think?
> >
> >We can check PF_EXITING instead of ->exit_state while choosing the new
>
> Heh :) I've came to the same conclusion and now I'm checking for it.
> But my patch is much simpler that yours - it just checks for PF_EXITING
> in forget_original_parent:
>
> --- ./kernel/exit.c.exitfix 2007-07-27 12:13:25.000000000 +0400
> +++ ./kernel/exit.c 2007-07-27 12:15:35.000000000 +0400
> @@ -712,7 +712,7 @@ forget_original_parent(struct task_struc
>   reaper = task_child_reaper(father);
>   break;
>   }
> - } while (reaper->exit_state);
> + } while (reaper->flags & PF_EXITING);

Yes, other changes are just cleanups. They just move some code from exit_notify
to forget_original_parent(). It is a bit silly to declare ptrace_dead in
exit_notify(), take tasklist, pass ptrace_dead to forget_original_parent(),
unlock-lock-unlock tasklist, and then use ptrace_dead.

Oleg.