Subject: Re: [RFC][PATCH 14/16] Introduce proc_mnt for pid_ns Posted by Sukadev Bhattiprolu on Thu, 31 May 2007 19:50:07 GMT

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Dave Hansen [hansendc@us.ibm.com] wrote: On Thu, 2007-05-31 at 15:48 +0400, Pavel Emelianov wrote: > > +void proc_flush_task(struct task_struct *task) > > +{ >>+ int i: struct pid *pid; > > + > > + struct upid* upid; > > + pid = task_pid(task); > > + if (!pid) > > + return; > > + > The code below will never be called as task flushes all his pids > in __unhash_process() that happens before this. Or did I miss smth? Nope, that's a very nice catch. Suka is working on a patch to fix this right now. We just need to keep the list of pids accessible a little longer, but I think Suka ran into a chicken-and-egg problem while trying to solve this. Suka, care to post your workaround? Yes. the chicken and egg problem is in the order of the __unhash_process() and proc_flush_task(). With unhash process() first, proc flush task() has no way of knowing the pid namespaces the process belongs to. With proc flush task() first, we find the process but have its dentry removed from proc. This crashes when I run a test in a tight loop. A quick/dirty fix is to save the pid namespace list before __unhash_process() and use that in proc_flush_task(). That would make the exit() path quite expensive. I am still investigating the crash and looking for a better option. -- Dave Containers mailing list Containers@lists.linux-foundation.org https://lists.linux-foundation.org/mailman/listinfo/containers