
Subject: Re: Userspace checkpoint/restart hack: cryo
Posted by [serue](#) on Mon, 09 Jun 2008 13:04:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

Quoting Nadia Derbey (Nadia.Derbey@bull.net):

> Cedric Le Goater wrote:

> >

> >

> >> Looks like it has worked for me (msg1 creates 1000 msg queues, sleeps

> >> for a while and then removes the msg queues).

> >

> >

> > cool. which kernel are you using ?

> >

> > C.

> >

> >

>

> 2.6.25-mm1 (sorry for the late answer - plenty of days off in France in
> May).

>

> Regards,

> Nadia

I'm playing with features in cryo, and keeping a git tree at:

`git://git.sr71.net/~hallyn/cryodev.git`

It's meant to exploit the extras which are in the -lxc kernel at `lxc.sf.net`. Current latest kernel patch is at `http://lxc.sourceforge.net/patches/2.6.26/2.6.26-rc2-mm1-lxc4/` This -lxc tree contains, for instance, Nadia's next_id patches, exploitation for setting ids for sysvipc and for tasks at fork, and updated ipc_setall patches (also using next_id). The version of cryo in my git tree exploits these. If you're root when you restart a task, it will clone a new set of namespaces and recreate your sysvipc objects, and it will reset your pids (even if you're not root if the pids are available).

Cryo is still rather touchy - I'm trying to track this down. Older distros seem to actually have the most success (I'm told FC6 is somewhat useful, while my FC8 kvm image is practically useless with cryo).

So if you want to play with it, please clone and do so, and send me any patches you think should go in.

thanks,
-serge

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