
Subject: Re: Userspace checkpoint/restart hack: cryo
Posted by [Nadia Derby](#) on Mon, 09 Jun 2008 15:02:42 GMT
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Serge E. Hallyn wrote:

> Quoting Nadia Derby (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](http://git.sr71.net/~hallyn/cryodev.git)

>

> It's meant to exploit the extras which are in the -lxc kernel at

> [lxc.sf.net](http://lxc.sourceforge.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).

Serge,

I noticed that the `sys_hijack()` has disappeared from the lxc dev tree:
would you mind putting it back. I think it might be useful if we want to
start a task in a newly defined cgroup, checkpoint it and then try to

restart it. We will need to 'join' the restarted container to check if everything has correctly be restarted. Or may be is there another way to do that?

Regards,
Nadia

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

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