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Subject: Re: [ckrm-tech] [PATCH 7/7] containers (V7): Container interface to nsproxy subsystem

Posted by [serue](#) on Tue, 03 Apr 2007 15:41:13 GMT

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Quoting Eric W. Biederman ([ebiederm@xmission.com](mailto:ebiederm@xmission.com)):

> Srivatsa Vaddagiri <[vatsa@in.ibm.com](mailto:vatsa@in.ibm.com)> writes:

>

> > On Mon, Apr 02, 2007 at 09:09:39AM -0500, Serge E. Hallyn wrote:

> >> Losing the directory isn't a big deal though. And both unsharing a

> >> namespace (which causes a ns\_container\_clone) and mounting the hierarchy

> >> are done by userspace, so if for some installation it is a big deal,

> >> the init scripts on initrd can mount the hierarchy before doing any

> >> unsharing.

> >

> > Yes I thought of that after posting this (that initrd can mount the

> > hierarchies), so this should not be an issue in practice ..

> >

> >> Can you think of a reason why losing a few directories matters?

> >

> > If we loose directories, then we don't have a way to manage the

> > task-group it represents thr' the filesystem interface, so I consider

> > that bad. As we agree, this will not be an issue if initrd

> > mounts the ns hierarchy atleast at bootup.

>

> I suspect that could be a problem if we have recursive containers.

> Even by having a separate mount namespace for isolation you really

> don't want to share the mount. If you can see all of the processes

> you do want to be able to see and control everything.

Are you asking about what happens if initrd in a vserver asks to

mount -t container -o ns,cpusets /containers

?

I suppose in that case it would make sense to allow a separate mount

instance with it's own superblock, with s\_root pointing to the dentry

for the container the vserver is in?

> I guess I want to ask before this gets to far. Why are all of the

> namespaces lumped into one group? I would think it would make much

> more sense to treat each namespace individually (at least for the

> user space interface).

>

> Eric

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