Subject: Re: [patch -mm 08/17] nsproxy: add hashtable Posted by serue on Tue, 12 Dec 2006 15:45:07 GMT

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Quoting Cedric Le Goater (clg@fr.ibm.com):

- > Dave Hansen wrote:
- > > On Mon, 2006-12-11 at 16:23 +0100, Cedric Le Goater wrote:
- >>>> Even letting the concept of nsproxy escape to user space sounds wrong.
- >>> nsproxy is an internal space optimization. It's not struct container
- >>>> and I don't think we want it to become that.
- > >> i don't agree here. we need that, so does openvz, vserver, people working
- >>> on resource management.

> >

- > > I think what those projects need is _some_ way to group tasks. I'm not
- > > sure they actually need nsproxies.

>

> not only tasks. ipc, fs, etc.

>

- > > Two tasks in the same container could very well have different
- >> nsproxies. The nsproxy defines how the pid namespace, and pid<->task
- > > mappings happen for a given task.

>

> not only. there are other namespaces in nsproxy.

Right, and as Eric has pointed out, you may well want to use one id to refer to several nsproxies - for instance if you are using unshare to provide per-user private mount namespaces using pam_namespace.so (that's mostly for LSPP systems right now, but I do this on my laptop too). All my accounts are in the same 'container', but have different mount namespaces, hence different nsproxies.

- > > The init process for a container is
- > > special and might actually appear in more than one pid namespace, while
- >> its children might only appear in one. That means that this init
- > > process's nsproxy can and should actually be different from its
- >> children's. This is despite the fact that they are in the same
- > > container.

> >

- >> If we really need this 'container' grouping, it can easily be something
- > > pointed to _by_ the nsproxy, but it shouldn't _be_ the nsproxy.

>

- > ok so let's add a container object, containing a nsproxy and add
- > another indirection ...

No thanks.

Containers mailing list

Containers@lists.osdl.org

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