
Subject: Re: [PATCH] containers: define a namespace container subsystem

Posted by [Cedric Le Goater](#) on Fri, 02 Feb 2007 16:19:52 GMT

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- > The next steps are (not necessarily in order):
- >
- > 1. allow `rm -rf` to kill all processes under a
- > `ns_container` - with the intent of killing all
- > processes in a virtual server
- >
- > 2. implement transitioning into a populated container,
- > with the effect of setting the task's `nsproxy` to
- > the one represented by the container.
- >
- > 3. define a file for each type of namespace in each

could that file be a directory exposing some critical data
from each namespace ?

I would imagine the network devices for the net namespace
and be able to interact with them (Daniel ?). the task list
for the pid namespace, etc.

- > `ns_container`, with the `i_op->symlink()` defined to
- > allow creation of a new `ns_container` which references
- > only some of the namespace pointers of an existing
- > (child) container. All other namespaces will be
- > taken from the existing process. In this way it
- > is possible to enter just a network namespace of
- > some vserver.
- > 4. probably make containers mac-aware, that is add a
- > `->security` pointer, and LSM hooks at appropriate
- > points so that, for instance, SELinux can control
- > vserver kill and enters.
- >

Containers mailing list

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