
Subject: netns summary (was Re: containers development plans)

Posted by [Cedric Le Goater](#) on Thu, 05 Jul 2007 14:19:08 GMT

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Serge E. Hallyn wrote:

- > We are trying to create a roadmap for the next year of
- > 'container' development, to be reported to the upcoming kernel
- > summit. Containers here is a bit of an ambiguous term, so we are
- > taking it to mean all of:
- >
- > 1. namespaces
- > 2. process containers
- > 3. checkpoint/restart
- >
- > Naturally we can't actually predict what will and won't be worked on,
- > let alone what will be going upstream. But the following is a list
- > of features which it seems reasonable to think might be worked on
- > next year:
- >
- > 1. completion of ongoing namespaces
- > pid namespace
- > net namespace

I'm not sure if this has been said already :

At OLS, we had a talk with denis, pavel, eric, daniel, benjamin and others, and we agreed to cooperate on eric's netns patchset which seems to satisfy most of the stake holders :

- * openvz
- * ibm
- * eric (hopefully :)
- * planetlab (heavy users of linux-vserver)
- * hp (also interested)
- * google (?)

the planetlab team successfully included eric's netns patchset in the linux-vserver patch and had good results with it.

the following tasks were discussed :

- * improve the patchset to make it acceptable by the netdev community
- * share a netns git tree
- * share some tests framework all parties have been developing independently.

Are we in sync ? I'm sure there are more interesting stuff to be said :)

We're looking for a place to host the netns git tree while we are working on

it, which means we will need first a federator for the pachset. Eric declined as he is too busy. Any proposals ?

Thanks,

C.

Containers mailing list
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