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

Posted by [ebiederm](#) on Thu, 05 Jul 2007 19:38:07 GMT

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Cedric Le Goater <clg@fr.ibm.com> writes:

> 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 :)

Roughly. Basically only the head of the tree (possibly a separate tree in and of itself) would be the candidates for merging we would actively be working on.

> 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 ?

To some extent. I get distracted, so I cannot provide routine maintenance. While we are actively merging I intend to do some of the work, I'm just not likely to do a lot of out of tree keeping up with the latest tree work.

I expect I will be actively involved while we get the core infrastructure merged.

Eric

Containers mailing list
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