

On Fri, 2006-08-25 at 15:12 +0400, Kirill Korotaev wrote:

<snip>

> >

> >

> > Like I said earlier, there is _no_ other way to get the list of tasks

> > belonging to a resource group.

> >

> >

> >> Commands like ps and top will show appropriate container number for each

> >> task.

> >

> >

> > There is _no_ container number in the non-container environment (or it

> > will be same for _all_ tasks).

>

> Chandra, virtual container number is essentially the same as user id

> in non-container environment. UBC were desgined for _users_ first.

> Containers were just the first environment which started to use it widely.

I am not denying any of the above :)

I think my original point is getting lost in the discussion, which is,
there should be way (for the sysadmin) to get a list of tasks belonging
to a resource group (in a non-container environment).

>

> And I really disagree when you say that non-container usecase is

> a superset of container usecase. I believe it is vice versa, since

I meant _only_ w.r.t resource management. My earlier replies were
pointing quite a few of those. here are a few:

- ability for the sysadmin to move a task to a resource group.
- assignment of task to a resource group should be transparent to the app.
- a resource group could exist with no tasks associated.

Containers can work without these features (and as OpenVZ proves it does work). But, for a QoS type of resource management framework these are mandatory.

> in container usecase you have a _full_ environment with root user and need
> more resources to be taken into account.

Support for different resources is a different topic. Users (of the two

models) can decide to control as many (or as few) resources as they want. What I am talking here is about the ability of the framework.

>
> Thanks,
> Kirill
>
>
> -----
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Chandra Seetharaman | Be careful what you choose....
- sekharan@us.ibm.com |you may get it.
