Subject: Re: Using a layered filesystem as private dir?
Posted by Kirill Korotaev on Thu, 05 Jan 2012 18:52:06 GMT

View Forum Message <> Reply to Message

As Scott mentioned we have VZFS in commercial version of Parallels Containers.
It helps to save a lot of IOPS by sharing files between containers and is fully POSIX compliant.

Thanks,
Kirill

On Jan 5, 2012, at 15:32 , Rick van Rein wrote:

> Hello,
>
> I've just started using OpenVZ, and it feels more natural than the
> alternatives I've seen -- my compliments!
>
> I can get a host runnig from a ZFS volume like /tank/vzdemo, which then
> also gets shown at /var/lib/vz/vz-$VEID. But what I really want to
> do is use a layered FS (like aufs) as the private directory for the
> container. But trying to do that leads to an error:
>
> bash# mount -t aufs -o br:/tank/vzdemo=rw:/tank/squeeze=ro none /mnt
> bash# grep VE_ /etc/vz/conf/777.conf
> VE_PRIVATE=/mnt
> bash# vzctl create 777
> Private area already exists in /mnt
> Creation of container private area failed
>
> What is this trying to say? Is there a way to do what I am trying
> to do? Did I understand well that the private area is a directory,
> not a device?
>
>
> Thanks,
> -Rick
>
>
> P.S. To capture any "why" questions :- I am trying to share as many
>   resources as possible. Containers beat Xen/KVM/VMware in that
>   respect, and when I can share the base OS and only have a thin
>   layer on top, it should mean that even the buffer cache is
>   shared between containers. It also means that upgrades can be
>   reduced to a minimum of repetition.
>