Subject: migration?
Posted by Jonathan on Fri, 10 Feb 2006 01:13:32 GMT
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Is there a step-by-step migration guide? I'm having a hard time figuring out how to do it...

/vz/root/ only seems to contain files when stuff is running...

I could use some help!

Jonathan

Subject: Re: migration?
Posted by kir on Fri, 10 Feb 2006 01:36:02 GMT
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Could you be more specific on what do you want to migrate? A physical system into a VPS, or something different? My magic crystal ball is not showing anything sensible today

Subject: Re: migration?
Posted by Jonathan on Fri, 10 Feb 2006 02:09:55 GMT
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My lack of sleep is definitely playing a role here...

Actually, I'm just trying to MOVE a VE on OpenVZ to another OpenVZ server, and I can't find docs on how to do it.

While I'm at it (and since I know you're subscribed to the thread , can you move commercial Virtuozzo VEs onto OpenVZ?

Jonathan

Subject: Re: migration?
Posted by alticon-brian on Fri, 10 Feb 2006 02:35:24 GMT
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I may be completely wrong, but i'll give it a shot. It should be non-destructive so what the hey.

Try tar-ing up the VPS like so:

tar zcvf ~/newvps.tgz /vz/private/<vpsid> /etc/sysconfig/vz-scripts/<vpsid>.conf

this will create a tar and gzipped copy in your home directory with a copy of the vps config file.

move the tgz to a new server, extract it and the move the directory into /vz/private.

Since there is some things that will need to be done with /proc as well you *may* need to create the vps with vzcreate and then move the files into place.

Just a couple of ideas to try until someone with a bit more experience comes along to give you the right answer.

Subject: Re: migration?
Posted by Jonathan on Fri, 10 Feb 2006 02:50:36 GMT
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We'll reply with what worked! THANKS!

Subject: Re: migration?
Posted by Gary on Fri, 10 Feb 2006 03:18:20 GMT
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What alticon-brian suggested worked for us.

Basically, we just stopped the VPS, moved over the .conf file, tarred up the /vz/private/VPSID and /vz/root/VPSID directories (the latter just to make sure the directory existed on the new system) and then started the VPS on the new system. Connectivity seems fine and there haven't been any obvious problems.

Also, we renamed the .conf file on the original server to VPSID.migrated - keeping it around can cause warnings about the VPS's IP being used by another system on Commercial Virtuozzo at least, so we figured it best to just rename the file.

Subject: Re: migration?
Posted by jbond007 on Fri, 10 Feb 2006 13:51:48 GMT
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Great !!!!!
after you tar how can you uncompress /

to keep same folder permission
thank you
please show the sample
you the best

Subject: Re: migration?
Posted by alticon-brian on Fri, 10 Feb 2006 16:22:02 GMT
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To untar that stuff run the command "tar zxvf ~/newvps.tgz". That will extract the information in the tar file to the current directory you are in with the full path (versus "tar zcvf ~/newvps.tgz" which created the tar/gzip). So if you're in /tmp you would end up with directories like:

/tmp/vz/private/<vpsid>/<vps filesystem>
/tmp/etc/sysconfig/vz-scripts/<vpsid>.conf

and would run the command (with the VPS stopped):

This is to back up the base VPS created by the vzcreate command on the new machine
changing the name from <vpsid> to <vpsid>-orig (i.e. 100 becomes 100-orig):
mv /vz/private/<vpsid> /vz/private/<vpsid>-orig

This backs up the conf file in the same way:
mv /etc/sysconfig/vz-scripts/<vpsid>.conf /etc/sysconfig/vz-scripts/<vpsid>-orig.conf

This moves the VPS data into the proper place:
mv /tmp/vz/private/<vpsid> /vz/private/

This puts the configuration file back in place:
mv /tmp/etc/sysconfig/vz-scripts/<vpsid>.conf /etc/sysconfig/vz-scripts/<vpsid>.conf

Also, check out tar --help There is a lot of awesome flags that can be used with it to make your administrative life easier.