Subject: Duplicate folder or what it is? /vz/root and /home/vps
Posted by postcd on Tue, 25 Feb 2014 17:59:21 GMT
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Hello,

i remember that i installed openvz and i started running out of disk space as number of VMs grow, so i moved or symlinked /vz to /home/vz (home partition is big)

but now, i dont understand why i have there two folders both contianing VMs data, is it duplicate or why its there?

[root@* /]# stat /vz
  File: `vz' -> `/home/vz'
  Size: 8   Blocks: 0   IO Bl
Device: 902h/2306d Inode: 238   Links
Access: (0777/lrwxrwxrwx) Uid: (0/   root)
Access: 2014-02-25 03:13:33.000000000 +0100
Modify: 2013-04-23 00:35:10.000000000 +0200
Change: 2013-04-23 00:35:10.000000000 +0200

[root@* /]# stat /home/vz
  File: `/home/vz'
  Size: 4096   Blocks: 8   IO Block: 4096   directory
Device: 903h/2307d Inode: 99074049   Links: 8
Access: (0755/drwxr-xr-x) Uid: (0/   root) Gid: (0/   root)
Access: 2014-02-25 18:22:27.000000000 +0100
Modify: 2013-07-18 19:46:54.000000000 +0200
Change: 2014-02-25 18:22:01.000000000 +0100

[root@* home]# du -h /home/vz --max-depth=0
96G /home/vz

[root@* home]# du -h /home/vps --max-depth=0
89G /home/vps

you see these big folders, almost same, both contains VPS data..

[root@* home]# ls vz;ls vps
dump lock private root template vztmp
130 190 200 240 310 330 430 440 500 550 600 640 650 tmp.500-1 tmp.500-2

please can anyone can advice me what is wrong and which folder i need to backup? i used

vzdump, but i want to do some rsync to another server so i need to know which VZ folder is needed to backup, i hope not boths (alot of data)?

Subject: Re: Duplicate folder or what it is? /vz/root and /home/vps
Posted by dipps on Wed, 26 Feb 2014 11:26:36 GMT
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/vz and /home/vz will have similar contents, given that one is symlinked to the other. I don't understand why they aren't using the same space. No idea what /home/vps is.

Each container can have its filesystems in a different place. Suggest you look through the /etc/vz/conf/VEID.conf files and see where containers' files really are. Mine look like this:

VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"

Hopefully that will tell you what's actually being used.

I only back up the private tree on my CTs.. the root tree seems to be a working copy that disappears when the container is stopped. So far seems ok.

Subject: Re: Duplicate folder or what it is? /vz/root and /home/vps
Posted by postcd on Wed, 26 Feb 2014 11:44:07 GMT
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dipps wrote on Wed, 26 February 2014 12:26
look through the /etc/vz/conf/VEID.conf files and see where containers' files really are.

in my case:

VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/home/vps/650"

/vz is a symlink to /home/vz i hope as mentioned in first post

dipps wrote on Wed, 26 February 2014 12:26
I only back up the private tree on my CTs.. the root tree seems to be a working copy that disappears when the container is stopped. So far seems ok.

Thank you, so in my case /home/vps is what to backup... so the VMs need to be stopped to backup safelly or it can be running?

Subject: Re: Duplicate folder or what it is? /vz/root and /home/vps
Posted by dipps on Wed, 26 Feb 2014 12:05:56 GMT

postcd wrote on Wed, 26 February 2014 22:14
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/home/vps/650"

Ah, so that's where /home/vps comes in.

Quote:
Thank you, so in my case /home/vps is what to backup... so the VMs need to be stopped to backup safelly or it can be running?

Yeah I reckon. Safer if they're stopped. I don't know if the 2 trees are identical while it's running - I'm learning by experimenting, if anyone knows, please tell!

I've been using vzdump --suspend and --snapshot for backups. It automates the stop/rsync/start process, and tries to minimise the container's downtime. Also I like the way a vzdump file has everything you need to start up the VE on another HN.