Subject: OpenVZ Container and Diskspace
Posted by hvhimbee on Mon, 22 Jun 2015 12:08:22 GMT

Hi,

I have a server with LVM partitions for eacht openvz container.

I have a LVM partition of 10 GB with a container with diskspace of 10G

Recently I was getting error messages when copying files to the container using sftp.
In the logs: it said write failed. I checked the file permissions and they were ok.

I checked the diskspace with the df -h command and it returned:

/dev/ploop12570p1 9.8G 3.6G 5.8G 38% /

So I am only using 38% of the available space.

I couldn't find the problem. When I tried to update apt using apt-get update, I received and error message that the disk was full.

That was strange since df -h was showing only 38% diskspace usage.

I extended the LVM volume using LVEXTEND.
I set the new diskspace of the container using vzctl set 1 -diskspace 15G --save
and I did resize2fs to adjust the filesystem.

After doing this, I could copy files again to the container.

I checked df -h again, and I got this ouput:

/dev/ploop32515p1   15G 3.2G 11G 23% /

So again I am getting a lot of free space but I am not sure that the free space shown is correct.

Anybody got the same problem? Anybody knows what I can do to solve this?

In the /etc/vz/conf/1.conf file, I've set disk_quota=no.

Thanks for the reply!

Subject: Re: OpenVZ Container and Diskspace
Posted by tburazin on Tue, 23 Jun 2015 07:52:27 GMT

Inodes maxed out?

Check with: df -i

Subject: Re: OpenVZ Container and Diskspace
Posted by hvhimbee on Tue, 23 Jun 2015 11:54:16 GMT

df -i gave this result:

/dev/ploop12570p1 641280 15551 625729 3% /

So it doesn't seem to be maxed out

Subject: Re: OpenVZ Container and Diskspace
Posted by Paparaciz on Tue, 23 Jun 2015 18:30:34 GMT

maybe container ploop image file grewed itself?
what is the size of root.hdd file?

you can try compact size of ploop image file. check ploop or vzctl documentation

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Subject: Re: OpenVZ Container and Diskspace
Posted by hvhimbee on Tue, 23 Jun 2015 21:23:32 GMT

Size of root.hdd

drwx------ 2 root root 4096 Jun 22 13:56 root.hdd

Subject: Re: OpenVZ Container and Diskspace
Posted by Paparaciz on Wed, 24 Jun 2015 15:31:04 GMT

so please show size of this folder

Subject: Re: OpenVZ Container and Diskspace

Posted by hvhimbee on Wed, 24 Jun 2015 18:42:03 GMT

root.hdd is inside the folder /vz/private

drwxr-xr-x 3 root root 4096 Jan 31 22:08 private

Subject: Re: OpenVZ Container and Diskspace
Posted by Paparaciz on Wed, 24 Jun 2015 19:12:06 GMT

so you can't report disk space usage of your ct ploop image file?

Subject: Re: OpenVZ Container and Diskspace
Posted by hvhimbee on Wed, 24 Jun 2015 20:44:46 GMT

You mean like this:

SMARTNAME	DSPACE.H	DSPACE
1	15354000	3348572

and inodes:

SMARTNAME	DINODES.H	DINODES
1	961920	15458

Or what do you mean?