Subject: OpenVZ Container and Diskspace
Posted by hvhimbee on Mon, 22 Jun 2015 12:08:22 GMT
View Forum Message <> Reply to Message

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

View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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

Subject: Re: OpenVZ Container and Diskspace
Posted by hvhimbee on Tue, 23 Jun 2015 21:23:32 GMT
View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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?