
Subject: OpenVZ Container and Diskpace
Posted by [hvhimbee](#) on Mon, 22 Jun 2015 12:08:22 GMT
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Hi,

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

I have a LVM partition of 10 GB with a container with diskpace 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 diskpace 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% diskpace usage.

I extended the LVM volume using LVEXTEND.

I set the new diskpace of the container using vzctl set 1 -diskpace 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 Diskpace
Posted by [tburazin](#) on Tue, 23 Jun 2015 07:52:27 GMT

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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
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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
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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
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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
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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

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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

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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

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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?
