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Subject: Disk usage with ploop. [SOLVED]

Posted by [piplite](#) on Fri, 06 Jun 2014 16:20:36 GMT

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2.6.32-042stab088.4

vzctl version 4.7.2

The issue is this.

VE was converted from simfs to ploop.

I get

```
root@server1:/# df -h
```

```
Filesystem      Size  Used Avail Use% Mounted on
/dev/simfs      9.9G  4.5G  5.4G  45% /
tmpfs           2.0M   0 2.0M   0% /lib/init/rw
tmpfs           1.0G   0 1.0G   0% /dev/shm
```

But

```
/vz/private/505 # du -sh *
```

```
38G root.hdd
```

```
4.0K Snapshots.xml
```

There are no snapshots but VE root.hdd for some reason takes up 38 gig instead of 5-10.

What could be wrong and how to bring it down in size?

Thank you.

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Subject: Re: Disk usage with ploop.

Posted by [piplite](#) on Sun, 08 Jun 2014 00:31:36 GMT

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Just for the sake of additional information.

Last night i tried vzctl compact on stopped and unmounted VE, but no success.

```
root@a-2 /vz/private/505/root.hdd # vzctl --version
```

```
vzctl version 4.7.2
```

```
root@a-2 /vz/private/505/root.hdd # dpkg --get-selections | grep ploop
```

```
ii libploop1:amd64          1.11-1          amd64          ploop API library
```

```
ii ploop                   1.11-1          amd64          tools to work with ploop devices and images
```

```
root@a-2 /vz/private/505/root.hdd # uname -a
```

```
Linux a-2.g.net 2.6.32-042stab088.4 #1 SMP Tue Apr 22 03:30:47 EDT 2014 x86_64 GNU/Linux
```

```
root@a-2 /vz/private/505/root.hdd # du -sh *
```

```
4.0K  DiskDescriptor.xml
```

```
0    DiskDescriptor.xml.lck
```

```
38G  root.hdd
```

```
root@a-2 /vz/private/505/root.hdd # vzctl exec 505 df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/simfs	28G	4.5G	21G	18%	/
tmpfs	2.0M	0	2.0M	0%	/lib/init/rw
tmpfs	1.0G	0	1.0G	0%	/dev/shm

As well as

```
# ploop-balloon discard /vz/private/505/root.hdd/DiskDescriptor.xml
```

Trying to find free extents bigger than 0 bytes

Waiting

```
Call FITRIM, for minlen=33554432
```

```
Call FITRIM, for minlen=16777216
```

```
Call FITRIM, for minlen=8388608
```

```
Call FITRIM, for minlen=4194304
```

```
Call FITRIM, for minlen=2097152
```

```
Call FITRIM, for minlen=1048576
```

0 clusters have been relocated

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Subject: Re: Disk usage with ploop.

Posted by [piplite](#) on Sun, 08 Jun 2014 00:54:12 GMT

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Ok finally i came up with solution.

```
vzctl stop 505
```

```
vzctl set 505 --diskspace 40G --offline-resize --save (this shrank down the size from almost 40 gig down to 5.3 gig)
```

```
vzctl start 505
```

All works fine. But I'm not sure how to do the same thing by hand in production.