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Subject: CentOS Disk space usage (df command) output is empty

Posted by [phpfreak](#) on Sat, 07 Jan 2006 02:15:11 GMT

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When I login to the VE I run 'df -h' and the output is empty such as:

Here's an output from a few of my VEs:

VPS 200

Filesystem	Size	Used	Avail	Use%	Mounted on
simfs	1.0G	314M	711M	31%	/

VPS 201

Filesystem	Size	Used	Avail	Use%	Mounted on
------------	------	------	-------	------	------------

VPS 202

Filesystem	Size	Used	Avail	Use%	Mounted on
------------	------	------	-------	------	------------

VPS 203

Filesystem	Size	Used	Avail	Use%	Mounted on
simfs	4.8G	1.4G	3.4G	30%	/

That's the 'df -h' command. Notice 201 and 202 don't present anything.

Here's some more output:

```
[root@vz1 ~]# vzctl exec 200 mount
simfs on / type simfs (rw,noatime)
proc on /proc type proc (rw,nodiratime)
devpts on /dev/pts type devpts (rw)
```

```
[root@vz1 ~]# vzctl exec 204 mount
none on /dev/pts type devpts (rw)
```

Kind of odd. Anyone got any ideas?

Thanks,

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Subject: Re: CentOS Disk space usage (df command) output is empty

Posted by [devnu11](#) on Sat, 07 Jan 2006 02:45:14 GMT

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Just a guess but try this from inside the VPS:

```
mount -t proc proc /proc
```

Also, did you do this:

```
ln -s /proc/mounts /etc/mtab
```

Good Luck!

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Subject: Re: CentOS Disk space usage (df command) output is empty

Posted by [phpfreak](#) on Sat, 07 Jan 2006 03:04:25 GMT

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Awesome, thanks

I actually ended up doing this:

```
vzctl exec 201 "cat /proc/mounts > /etc/mtab"
```

Then the disk came up in df.

Awesome

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Subject: Re: CentOS Disk space usage (df command) output is empty

Posted by [kir](#) on Sat, 07 Jan 2006 14:17:40 GMT

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You can just link /etc/mtab to /proc/mounts to achieve the same

```
vzctl enter XXX
```

```
rm -f /etc/mtab
```

```
ln -s /proc/mounts /etc/mtab
```

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Subject: Re: CentOS Disk space usage (df command) output is empty

Posted by [phpfreak](#) on Sun, 08 Jan 2006 05:43:28 GMT

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Thanks!

It would be cool if we could find someone to do a FAQ on these types of technical things, maybe a

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knowledgebase or something

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