Subject: Container on encfs (fuse) dosn't work
Posted by keypress on Thu, 25 Nov 2010 10:16:21 GMT
View Forum Message <> Reply to Message

I want my CT 103 to be on encrypted filesystem. I decided to use encfs. I mount encrypted directory using this command:
encfs --public /vz/private/.enc_raw /vz/private/enc
I've tried also FUSE options like: allow_root and allow_other. And I have symbolic link "/vz/private/103" -> /vz/private/enc/103.

[-]# ls -l /vz/private/
total 36
lrwxrwxrwx 1 root root   8 Nov 10 14:52 103 -> enc/103/

I start the container and I can enter it using "vzctl enter". It appears, that as root I can manipulate files. But when I do "su -l user" I can read and delete existing files, but can't create new files. And this causes that e.g. postgres can't work properly. The same problems occur when I do "chroot" to the encrypted file system. When I do "chroot /vz/private/enc/103" I receive:

bash: /dev/null: Permission denied
bash: /dev/null: Permission denied
bash: /dev/null: Permission denied
bash: /dev/null: Permission denied
bash: /dev/null: Permission denied
bash: /dev/null: Permission denied

And the same messages appear on every "su -l" or "su -l user". And the "user" also cannot create new files, but can read and delete existing ones.

What shall I do?

System Info:
[~]# lsb_release -a
LSB Version:
:core-3.1-amd64:core-3.1-ia32:core-3.1-noarch:graphics-3.1-amd64:graphics-3.1-ia32:graphics-3.1-noarch
Distributor ID: CentOS
Description: CentOS release 5.5 (Final)
Release: 5.5
Codename: Final
[~]# uname -a
Linux devmap.naviexpert.com 2.6.18-194.8.1.el5.028stab070.2 #1 SMP Tue Jul 6 14:55:39 MSD 2010 x86_64 x86_64 x86_64 GNU/Linux
[~]# ...
Installed Packages
ovzkernel.x86_64   2.6.18-194.8.1.el5.028stab070.2   installed
vzctl.x86_64   3.0.24.2-1   installed

```
vzctl-lib.x86_64          3.0.24.2-1                installed
vzpkg.noarch              2.7.0-18                  installed
vzquota.x86_64            3.0.12-1                  installed
vzrpm43.i386              4.3.3-7_nonptl.6          installed
vzrpm43-python.i386       4.3.3-7_nonptl.6          installed
vzrpm44.i386              4.4.1-22.5                installed
vzrpm44-python.i386       4.4.1-22.5                installed
vztmpl-centos-4.i386      2.0-2                     installed
vztmpl-centos-5.i386      2.0-3                     installed
vztmpl-fedora-7.i386      1.1-1                     installed
vztmpl-fedora-9.i386      1.1-1                     installed
vztmpl-fedora-core-3.i386 2.0-2                     installed
vztmpl-fedora-core-4.i386 2.0-2                     installed
vztmpl-fedora-core-5.i386 2.0-2                     installed
vztmpl-fedora-core-6.i386 1.2-1                     installed
vzyum.noarch              2.4.0-11                  installed
...
Installed Packages
fuse-encfs.x86_64         1.4.1-1.el5.rf            installed
```

A piece of my 103.conf file:

```
OSTEMPLATE="centos-5-x86_64-default"
ORIGIN_SAMPLE="basic"
```

Subject: Re: Container on encfs (fuse) dosn't work
Posted by boysentot on Tue, 07 Dec 2010 18:48:21 GMT
View Forum Message <> Reply to Message

Were you ever able to resolve this problem?

Subject: Re: Container on encfs (fuse) dosn't work
Posted by keypress on Wed, 08 Dec 2010 08:48:59 GMT
View Forum Message <> Reply to Message

No, I weren't and I still cannot solve it.

Subject: Re: Container on encfs (fuse) dosn't work
Posted by boysentot on Wed, 08 Dec 2010 17:38:41 GMT
View Forum Message <> Reply to Message

Try this page. It has a section on "/dev/null" which looks promising.

I haven't tried it myself.

wiki.openvz.org/Physical_to_container

Subject: Re: Container on encfs (fuse) dosn't work
Posted by boysentot on Wed, 08 Dec 2010 17:39:43 GMT
View Forum Message <> Reply to Message

Try this. It has a section towards the bottom on "/dev/null" which looks promising.

I haven't tried it myself.

wiki.openvz.org/Physical_to_container

Subject: Re: Container on encfs (fuse) dosn't work
Posted by keypress on Thu, 09 Dec 2010 10:04:39 GMT
View Forum Message <> Reply to Message

No, I weren't and I still cannot solve it.

Subject: Re: Container on encfs (fuse) dosn't work
Posted by boysentot on Thu, 09 Dec 2010 17:23:31 GMT
View Forum Message <> Reply to Message

There is a section within the OpenVZ wiki, Physical_to_container, which describes how to turn a physical box into a container. There is a section that deals directly with how to handle "/dev/null" that I believe would be of use to you. Go to wiki . openvz . org / Physical_to_container (sorry, I'm too new to post links) to take a look.

Subject: Re: Container on encfs (fuse) dosn't work
Posted by keypress on Wed, 12 Jan 2011 13:56:03 GMT
View Forum Message <> Reply to Message

Unfortunately it didn't help. Any ideas?