
Subject: CT migration of ploop failed on nfs
Posted by [Tommy](#) on Fri, 29 Jun 2012 14:57:22 GMT
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hi all:

I'm trying the migration of ploop from node1 to node2
the directory /vz/private of node1 is a local directory on node1.
the directory /vz/private of node2 is a nfs which I mounted from node3

I started the CT with ploop on node1
I migrated the CT as: `vzmigrate -v --online -r no 192.168.5.159 1113`

and I got the message as follow:

```
Starting online migration of CT 1113 to 192.168.5.159
OpenVZ is running...
  Loading /etc/vz/vz.conf and /etc/vz/conf/1113.conf files
  Check if ploop is supported on destination node
Next unused minor: 0
  Check IPs on destination node:
Preparing remote node
  Copying config file
1113.conf                100% 1761    1.7KB/s  00:00
No changes in CT configuration, not saving
  Creating remote container root dir
  Creating remote container private dir
Syncing private
Live migrating container...
  Copying top ploop delta with CT suspend
Sending /vz/private/1113/root.hdd/root.hdd
Setting up checkpoint...
  suspend...
  get context...
Checkpointing completed successfully
  Dumping container
Setting up checkpoint...
  join context..
  dump...
Checkpointing completed successfully
  Copying dumpfile
dump.1113                100% 3887KB  3.8MB/s  00:00
  Undumping container
Restoring container ...
Starting container ...
Error in do_lock (lock.c:71): Error in flock(/vz/private/1113/root.hdd/DiskDescriptor.xml.lck):
Input/output error
Error in do_lock (lock.c:71): Error in flock(/vz/private/1113/root.hdd/DiskDescriptor.xml.lck):
```

Input/output error

Failed to mount image: Error in do_lock (lock.c:71): Error in flock(/vz/private/11113/root.hdd/DiskDescriptor.xml.lck): Input/output error [23]

Error: Failed to undump container

Resuming...

Dose anyone know the problem? is it fixable or some wrong with my configuration?

BTW : is it possible to put the private of CT on the nfs?

Thanks!

Tommy

Subject: Re: CT migration of ploop failed on nfs

Posted by [Roman Haefeli](#) on Sat, 30 Jun 2012 18:09:38 GMT

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On Fre, 2012-06-29 at 22:57 +0800, Tommy Tang wrote:

> Dose anyone know the problem? is it fixable or some wrong with my configuration?

> BTW : is it possible to put the private of CT on the nfs?

We once had a similar problem. However, our setup is a bit different: containers running in a old-style CT directory on a NFS share. We faced some problems with some file locks not being freed properly, which lead to not being able to start some daemons such as mysqld.

IIRC, the error was similar to yours. Since our cluster infrastructure makes sure, that a certain container runs only on one node and thus locking across nodes is not necessary, we simply disabled nfs locking with the 'nolock' mount option. This solved the issue for us.

Roman
