
Subject: Error: splice is used by ... during online migration

Posted by [zeek](#) on Fri, 12 Dec 2008 18:49:27 GMT

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I'm running openvz in Gentoo 64bit. I think I have all the basics working, networking, migration, limits, etc. I am using xfs which means no support for quotas or migration, but I read somewhere that migration should work on xfs so I modified the kernel module vzcpt by adding xfs to the list of supported fs. With this change I was able to get online migration working:

```
vz2 log # vzmigrate -r no --online -v vz3 1002
```

```
OPT:-r
```

```
OPT:--online
```

```
OPT:-v
```

```
OPT:vz3
```

```
Starting online migration of VE 1002 on vz3
```

```
* status: started
```

```
  Loading /etc/vz/vz.conf and /etc/vz/conf/1002.conf files
```

```
  Check IPs on destination node: 10.0.0.133
```

```
Preparing remote node
```

```
  Copying config file
```

```
1002.conf                                100% 1722    1.7KB/s  1.7KB/s  00:00
```

```
Saved parameters for VE 1002
```

```
  Creating remote VE root dir
```

```
  Creating remote VE private dir
```

```
  VZ disk quota disabled -- skipping quota migration
```

```
Syncing private
```

```
Live migrating VE
```

```
  Suspending VE
```

```
Setting up checkpoint...
```

```
  suspend...
```

```
  get context...
```

```
Checkpointing completed succesfully
```

```
  Dumping VE
```

```
Setting up checkpoint...
```

```
  join context..
```

```
  dump...
```

```
Checkpointing completed succesfully
```

```
  Copying dumpfile
```

```
dump.1002                                100% 3785KB  3.7MB/s  3.7MB/s
```

```
00:00
```

```
  Syncing private (2nd pass)
```

```
  VZ disk quota disabled -- skipping quota migration
```

```
  Undumping VE
```

```
Restoring VE ...
```

```
Starting VE ...
```

```
VE is mounted
```

```
  undump...
```

```
Adding IP address(es): 10.0.0.133
Setting CPU units: 1000
Configure meminfo: 2048576
    get context...
VE start in progress...
Restoring completed succesfully
    Resuming VE
Resuming...
    Times:
        Suspend + Dump: 0.153938
        Copy dump file: 0.440928
        Second rsync: -1.22911e+09
        2nd level quota: -1.22911e+09
        Undump + Resume: 2.19099
    Total time: 4.33484
Cleanup
    Killing VE
Killing...
VE is unmounted
    Removing dumpfiles
vz2 log # vzlist
VE not found
```

However when I start apache2 in the VE it wont migrate anymore "Error: splice is used by 13496,25533(apache2)". Is this a known problem migrating apache or is it related to xfs?

Problematic migration:

```
vz2 log # vz migrate -r no --online -v vz3 1002
OPT:-r
OPT:--online
OPT:-v
OPT:vz3
Starting online migration of VE 1002 on vz3
* status: started
    Loading /etc/vz/vz.conf and /etc/vz/conf/1002.conf files
    Check IPs on destination node: 10.0.0.133
Preparing remote node
    Copying config file
1002.conf                                100% 1722    1.7KB/s  1.7KB/s  00:00
Saved parameters for VE 1002
    Creating remote VE root dir
    Creating remote VE private dir
    VZ disk quota disabled -- skipping quota migration
Syncing private
Live migrating VE
    Suspending VE
```

Setting up checkpoint...
suspend...
get context...
Checkpointing completed succesfully
Dumping VE
Setting up checkpoint...
join context..
dump...
Can not dump VE: Device or resource busy
Error: splice is used by 13496,25533(apache2)
Checkpointing failed
Error: Failed to dump VE
Resuming...

Subject: Re: Error: splice is used by ... during online migration
Posted by [maratrus](#) on Mon, 15 Dec 2008 12:37:10 GMT
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Hello,

http://bugzilla.openvz.org/show_bug.cgi?id=881
http://bugzilla.openvz.org/show_bug.cgi?id=1117
