
Subject: undump failed: Invalid argument

Posted by [ebasley](#) on Wed, 04 Jun 2008 09:32:26 GMT

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Hello,

I compiled a kernel to add fuse module (see howto for debian, using .config from openvz) on HN bleuet.

Everything sounds good, I can start, stop, suspend, dump VEs, many VEs are running for many days, BUT I can't vzmigrate online from other HN.

I receive 'Error: undump failed: Invalid argument' and no message on target HN !

How can I debug, I can guess this is due to new kernel ?

I saw older topics, checked vz.conf : all my HN config are similars.

Thanks

Eric

```
using debian, vzctl vers 3.0.22-1dso1
```

```
bleuet:/etc/vz/conf# cat /proc/version
```

```
Linux version 2.6.18-1-openvz (Version:) (root@bleuet) (gcc version 4.1.2 20061115 (prerelease)
(Debian 4.1.1-21)) #1 Tue Jun 3 17:07:57 CEST 2008
```

```
iris:/var/lib/vzquota# vzmigrate -v --online bleuet 115
```

```
OPT:-v
```

```
OPT:--online
```

```
OPT:bleuet
```

```
Starting online migration of VE 115 on bleuet
```

```
==> ssh -o BatchMode=yes root@bleuet /bin/true
```

```
==> ssh -o BatchMode=yes root@bleuet /etc/init.d/vz status
```

```
OpenVZ is running...
```

```
==> ssh -o BatchMode=yes root@bleuet test -f /proc/rst
```

```
  Loading /etc/vz/vz.conf and /etc/vz/conf/115.conf files
```

```
  Check IPs on destination node: 10.1.60.115
```

```
Preparing remote node
```

```
  Copying config file
```

```
==> scp /etc/vz/conf/115.conf root@bleuet:/etc/vz/conf/115.conf
```

```
115.conf                               100% 1782   1.7KB/s   00:00
```

```
==> ssh root@bleuet vzctl set 115 --applyconfig_map name --save
```

```
Name emcf assigned
```

```
Saved parameters for VE 115
```

```
  Creating remote VE root dir
```

```
Creating remote VE private dir
Initializing remote quota
  Quota init
Turning remote quota on
Syncing private
Live migrating VE
  Suspending VE
==> vzctl chkpnt 115 --suspend
Setting up checkpoint...
suspend...
get context...
Checkpointing completed succesfully
  Dumping VE
==> vzctl chkpnt 115 --dump --dumpfile /var/tmp/dump.115
Setting up checkpoint...
join context..
dump...
Running: /usr/lib/vzctl/scripts/vps-net_del
Checkpointing completed succesfully
  Copying dumpfile
==> scp /var/tmp/dump.115 root@bleuet:/var/tmp/dump.115
dump.115                                100% 3321KB  3.2MB/s  00:00
  Syncing private (2nd pass)
Syncing 2nd level quota
  Dumping 2nd level quota
  Copying 2nd level quota
==> scp /var/tmp/quotadump.115 root@bleuet:/var/tmp/quotadump.115
quotadump.115                            100% 21    0.0KB/s  00:00
  Load 2nd level quota
Undumping VE
==> ssh root@bleuet vzctl restore 115 --undump --dumpfile /var/tmp/dump.115 --skip_arpdetect
Restoring VE ...
Starting VE ...
VE is mounted
undump...
VE is unmounted
vzquota : (warning) Quota is running for id 115 already
Error: undump failed: Invalid argument
Restoring failed:
VE start failed
Error: Failed to undump VE
==> vzctl chkpnt 115 --resume
Resuming...
Running: /usr/lib/vzctl/scripts/vps-net_add
put context
vzquota : (error) Quota is not running for id 115
is:/var/lib/vzquota# vmigrate -v --online bleuet 115
OPT:-v
```

```

OPT:--online
OPT:bleuet
Starting online migration of VE 115 on bleuet
==> ssh -o BatchMode=yes root@bleuet /bin/true
==> ssh -o BatchMode=yes root@bleuet /etc/init.d/vz status
OpenVZ is running...
==> ssh -o BatchMode=yes root@bleuet test -f /proc/rst
    Loading /etc/vz/vz.conf and /etc/vz/conf/115.conf files
    Check IPs on destination node: 10.1.60.115
Preparing remote node
    Copying config file
==> scp /etc/vz/conf/115.conf root@bleuet:/etc/vz/conf/115.conf
115.conf                                100% 1782    1.7KB/s  00:00
==> ssh root@bleuet vzctl set 115 --applyconfig_map name --save
Name emcf assigned
Saved parameters for VE 115
    Creating remote VE root dir
    Creating remote VE private dir
Initializing remote quota
    Quota init
    Turning remote quota on
Syncing private
Live migrating VE
    Suspending VE
==> vzctl chkpnt 115 --suspend
Setting up checkpoint...
suspend...
get context...
Checkpointing completed succesfully
    Dumping VE
==> vzctl chkpnt 115 --dump --dumpfile /var/tmp/dump.115
Setting up checkpoint...
join context..
dump...
Running: /usr/lib/vzctl/scripts/vps-net_del
Checkpointing completed succesfully
    Copying dumpfile
==> scp /var/tmp/dump.115 root@bleuet:/var/tmp/dump.115
dump.115                                100% 3321KB  3.2MB/s  00:00
    Syncing private (2nd pass)
Syncing 2nd level quota
    Dumping 2nd level quota
    Copying 2nd level quota
==> scp /var/tmp/quotadump.115 root@bleuet:/var/tmp/quotadump.115
quotadump.115                            100% 21    0.0KB/s  00:00
    Load 2nd level quota
    Undumping VE
==> ssh root@bleuet vzctl restore 115 --undump --dumpfile /var/tmp/dump.115 --skip_arpdetect

```

Restoring VE ...
Starting VE ...
VE is mounted
undump...
VE is unmounted
vzquota : (warning) Quota is running for id 115 already
Error: undump failed: Invalid argument
Restoring failed:
VE start failed
Error: Failed to undump VE
==> vzctl chkpnt 115 --resume
Resuming...
Running: /usr/lib/vzctl/scripts/vps-net_add
put context
vzquota : (error) Quota is not running for id 115

Subject: Re: undump failed: Invalid argument
Posted by [maratrus](#) on Wed, 04 Jun 2008 11:20:13 GMT
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Hi,

anything in /var/log/messages? (on source HN and on the destination HN) "grep CPT /var/log/messages"
anything in dmesg or in vzctl.log? (on both source and destination nodes)?

Subject: Re: undump failed: Invalid argument
Posted by [ebasley](#) on Fri, 06 Jun 2008 10:21:02 GMT
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Hi,

nothing in all logs.
after : # vz migrate -v --online bleuet 113

from source HN in vzctl.log :
2008-06-06T12:14:15+0200 vzctl : VE 113 : Setting up checkpoint...
2008-06-06T12:14:15+0200 vzctl : VE 113 : suspend...
2008-06-06T12:14:15+0200 vzctl : VE 113 : get context...
2008-06-06T12:14:15+0200 vzctl : VE 113 : Checkpointing completed successfully
2008-06-06T12:14:15+0200 vzctl : VE 113 : Setting up checkpoint...
2008-06-06T12:14:15+0200 vzctl : VE 113 : join context..
2008-06-06T12:14:15+0200 vzctl : VE 113 : dump...

```
2008-06-06T12:14:15+0200 vzctl : VE 113 : Running: /usr/lib/vzctl/scripts/vps-net_del
2008-06-06T12:14:15+0200 vzctl : VE 113 : Checkpointing completed succesfully
2008-06-06T12:14:20+0200 vzctl : VE 113 : Resuming...
2008-06-06T12:14:20+0200 vzctl : VE 113 : Running: /usr/lib/vzctl/scripts/vps-net_add
2008-06-06T12:14:21+0200 vzctl : VE 113 : put context
```

on target HN, in vzctl.log :

```
2008-06-06T12:14:16+0200 vzctl : VE 113 : Restoring VE ...
2008-06-06T12:14:16+0200 vzctl : VE 113 : Starting VE ...
2008-06-06T12:14:16+0200 vzctl : VE 113 : Running: /usr/sbin/vzquota show 113
2008-06-06T12:14:16+0200 vzctl : VE 113 : Running: /usr/sbin/vzquota on 113 -r 0 -b 3145828 -B
3459172 -i 200100 -l 220100 -e 0 -n 0 -s 0
2008-06-06T12:14:16+0200 vzctl : VE 113 : Running: vzquota setlimit 113 -p
/var/lib/vz/private/113 -b 3145828 -B 3459172 -i 200100 -l 220100 -e 0 -n 0
2008-06-06T12:14:16+0200 vzctl : VE 113 : Mounting root: /var/lib/vz/root/113
/var/lib/vz/private/113
2008-06-06T12:14:16+0200 vzctl : VE 113 : VE is mounted
2008-06-06T12:14:16+0200 vzctl : VE 113 : VE start failed
2008-06-06T12:14:16+0200 vzctl : VE 113 : Running: /usr/sbin/vzquota stat 113 -f
2008-06-06T12:14:16+0200 vzctl : VE 113 : Running: vzquota setlimit 113 -b 3145728 -B
3459072 -i 200000 -l 220000 -e 0 -n 0
2008-06-06T12:14:16+0200 vzctl : VE 113 : Running: /usr/sbin/vzquota stat 113 -f
2008-06-06T12:14:16+0200 vzctl : VE 113 : Running: /usr/sbin/vzquota off 113
2008-06-06T12:14:19+0200 vzctl : VE 113 : VE is unmounted
```

Can I increase debug level ?

on both target and source HNs, I've : LOG_LEVEL=9 VERBOSE=1

Regards.

Eric

Subject: Re: undump failed: Invalid argument
Posted by [maratrus](#) on Fri, 06 Jun 2008 11:34:24 GMT
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Hello,

please show the output

1. dmesg
2. grep CPT /var/log/messages*

P.S. And if its possible please attach /var/log/messages* too. (I mean

/var/log/messages1,/var/log/messages2 etc)

Subject: Re: undump failed: Invalid argument
Posted by [ebasley](#) on Fri, 06 Jun 2008 12:36:22 GMT
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Here are the files.
iris is the source HN, bleuet the target.

Regards.

Eric

File Attachments

- 1) [bleuet.dmesg](#), downloaded 537 times
 - 2) [iris.messages](#), downloaded 413 times
 - 3) [iris.dmesg](#), downloaded 565 times
 - 4) [bleuet.messages](#), downloaded 513 times
-

Subject: Re: undump failed: Invalid argument
Posted by [maratrus](#) on Fri, 06 Jun 2008 15:17:45 GMT
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Hello,

here is strange message:

Quote:

Jun 5 01:02:18 bleuet kernel: CPT ERR: e2fc0800,114 :unsupported fs type fuse

Did you try to migrate this VE? Do you use fuse inside VE?

Subject: Re: undump failed: Invalid argument
Posted by [ebasley](#) on Fri, 06 Jun 2008 15:32:01 GMT
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This message was generated during a vzdump using '--suspend' option for a VE using fuse.

VEs I'm trying to migrate (online) are not using Fuse, I can migrate them on other HN but not on bleuet (HN), however all of them are running correctly on bleuet (vzmigrate without --online).

Subject: Re: undump failed: Invalid argument
Posted by [maratrus](#) on Fri, 06 Jun 2008 15:49:00 GMT
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Hi,

then please show the output of

- uname -a (from source and from target)
- vzctl --version (from source and from target)
- kernel configs file from source and from target

Thank You!

Subject: Re: undump failed: Invalid argument
Posted by [ebasley](#) on Mon, 09 Jun 2008 08:50:17 GMT
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source :

```
iris:/var/log# uname -a  
Linux iris 2.6.18-fza-028stab053.5-686 #1 SMP Sat Mar 1 10:53:11 CET 2008 i686 GNU/Linux
```

```
iris:/var/log# vzctl --version  
vzctl version 3.0.22-1dso1
```

NO .config file : it's a stock kernel from debian repo.

target :

```
# uname -a  
Linux bleuet 2.6.18-1-openvz #1 Tue Jun 3 17:07:57 CEST 2008 i686 GNU/Linux
```

```
bleuet:/var/log# vzctl --version  
vzctl version 3.0.22-1dso1
```

see attached .config files

File Attachments

1) [bleuet.config](#), downloaded 488 times

Subject: Re: undump failed: Invalid argument
Posted by [Andrey Mirkin](#) on Mon, 16 Jun 2008 05:50:05 GMT

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Hello,

Can you please increase CPT log level on source and destination servers with help of following commands:

```
echo 3 > /proc/sys/debug/cpt
```

```
echo 3 > /proc/sys/debug/rst
```

And try migration again.

Also please post here output of following command on destination server:

```
cat /proc/rst
```

Subject: Re: undump failed: Invalid argument

Posted by [ebasley](#) on Mon, 16 Jun 2008 09:51:23 GMT

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```
# cat /proc/rst
```

```
Ctx  Id  VE   State
```

Nothing returned neither on target not on source.

Subject: Re: undump failed: Invalid argument

Posted by [curx](#) on Mon, 16 Jun 2008 11:13:16 GMT

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@ebasley:

.config file at debian kernels located at /boot/config-<kernel_version>

Please show on source and target:

```
# cat /proc/version /proc/vz/version
```

and which kind of OpenVZ patch is used on Server bleuet ...

Subject: Re: undump failed: Invalid argument

Posted by [Andrey Mirkin](#) on Wed, 18 Jun 2008 07:26:00 GMT

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BTW, can you please give an access to your nodes? It will be much easier to investigate this problem then.

If you can, then please send me credentials via private message, if not, then please increase log level (echo 3 > /proc/sys/debug/cpt, echo 3 > /proc/sys/debug/rst) on both servers (source and destination), try migration and attach here /var/log/messages files from both servers.
