Subject: *BUG REPORTED* vzmigrate with NFS
Posted by chansen on Thu, 07 Jun 2007 20:53:31 GMT
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Does anyone know why checkpoints fail when an NFS volume is mounted? I was hoping to be able to do a live migration of VE but several services' config files and binaries reside on a global NFS mount. Below is a sample of the migration output (with minor modifications to protect the innocent) Is there any hope for a resolution to this in the future?

Thanks,
Chris

```
root@hosta:~# time vzmigrate -r no --online -v hostb 1004
OPT:-r
OPT:--online
OPT:-v
OPT:hostb
Starting online migration of VE 1004 on hostb
OpenVZ is running...
   Loading /etc/vz/vz.conf and /etc/vz/conf/1004.conf files
   Check IPs on destination node: 11.22.33.44
Preparing remote node
   Copying config file
1004.conf                                                    100% 1248
1.2KB/s   00:00
Saved parameters for VE 1004
   Creating remote VE root dir
   Creating remote VE private dir
Initializing remote quota
   Quota init
vzquota : (warning) Quota file exists, it will be overwritten
   Turning remote quota on
Syncing private
Live migrating VE
   Suspending VE
Setting up checkpoint...
      suspend...
Can not suspend VE: Invalid argument
unsupported fs type nfs
Checkpointing failed
Error:  Failed to suspend VE

real    2m9.085s
user    0m7.701s
sys     0m5.492s
```

Subject: Re: vzmigrate with NFS
Posted by Vasily Tarasov on Fri, 08 Jun 2007 07:06:22 GMT
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At the moment NFS is unsupported for migration. You can fill an enhancement bug report at bugzilla.openvz.org, and, probably sometime we'll fix the bug.

Thank you,
Vasily

Subject: Re: vzmigrate with NFS
Posted by chansen on Fri, 08 Jun 2007 14:34:06 GMT
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Sounds good - I will file an enhancement bug report as suggested.

Spasibo!

Subject: Re: vzmigrate with NFS
Posted by Vasily Tarasov on Wed, 13 Jun 2007 13:09:33 GMT
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I created a bug report:
http://bugzilla.openvz.org/show_bug.cgi?id=616

Subject: Re: vzmigrate / vzdump with NFS
Posted by duelster on Tue, 10 Jul 2007 15:50:10 GMT
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vzdump also fails with nfs mounted. Is this bug the same as the problem that I'm having??

EXAMPLE 1:

[root@vz01 ~]# vzdump --suspend 101
INFO: starting backup for VPS 101 (/vz/private/101)
INFO: starting first sync /vz/private/101 to /vz/dump/tmp23416
file has vanished: " /vz/private/1/data/www/services/plone/Python-2.4.3/lib/pytho
n2.4/encodings/tis_620.pyo "
rsync warning: some files vanished before they could be transferred (code 24) at main.c(977)
[sender=2.6.9]
INFO: suspend vps
Setting up checkpoint...
        suspend...
Can not suspend VE: Invalid argument

unsupported fs type nfs
Checkpointing failed
ERROR: creating backup for VPS 101 failed (24.12 minutes): command '/usr/sbin/vzctl chkpnt 101 --suspend' failed with exit code 16 at /usr/bin/vzdump line 290.

EXAMPLE 2:

root@vz01 ~]# vzdump --suspend 101
INFO: starting backup for VPS 101 (/vz/private/101)
INFO: starting first sync /vz/private/101 to /vz/dump/tmp31528
INFO: suspend vps
Setting up checkpoint...
        suspend...
Can not suspend VE: Invalid argument
unsupported fs type nfs
Checkpointing failed
ERROR: creating backup for VPS 101 failed (27.30 minutes): command '/usr/sbin/v
                                        zctl chkpnt 101 --suspend' failed with exit code 16 at /usr/bin/vzdump line 290.

Trying to run vzdump but fails.

Subject: Re: vzmigrate / vzdump with NFS
Posted by Vasily Tarasov on Wed, 11 Jul 2007 07:31:39 GMT
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Yes, of course.

vzdump, as vzmigrate, is based on "checkpointing" feature, that doesn't support nfs...

Vasily.
