Subject: Live migration issues
Posted by divB on Mon, 12 Mar 2012 19:48:40 GMT
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Hi,

When live migrating hosts some services inside the containers do not work anymore.

For example, for cron, I get the following error:

Mar 12 20:29:02 code CRON[27161]: Modul ist nicht bekannt

Mar 12 20:23:01 core CRON[11395]: Module is unknown

(first with German locale, second English)

And for apache I get:

[Mon Mar 12 19:30:50 2012] [error] [client 66.249.72.180] PHP Fatal error: strftime(): Timezone database is corrupt - this should *never* happen! in /etc/horde/horde3/prefs.php on line 321
[Mon Mar 12 19:31:16 2012] [error] [client 219.89.128.127] PHP Fatal error: date_default_timezone_get(): Timezone database is c
orrupt - this should *never* happen!

I thought maybe there is a differnet time zone/time on the two hostnodes. But they have equal timezone and the timeoffet is below one second (if any):

root@hwnode1:~ # date ; ssh root@hwnode2 'date'
Mon Mar 12 20:47:36 CET 2012
Mon Mar 12 20:47:36 CET 2012

Anybody similar problems? Any ideas?

Regards
divB

PS: both nodes same system/hardware: Debian squeeze with 2.6.32-5-openvz-amd64 (Debian kernel), vzctl version 3.0.24

Subject: Re: Live migration issues
Posted by e100 on Wed, 10 Oct 2012 16:01:12 GMT
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Ever find a solution to this problem?

I am having a similar issue when live migrating wheezy containers.
I use Proxmox running the latest version in pvetest, also happens on latest Proxmox release.

Host kernel in pvetest is based on vzkernel-2.6.32-042stab061.9.src.rpm

vzctl: 4.0-1pve2

One easy way I found to reproduce a problem is to ssh into the container, then do "sudo bash"

After the live migration I get an error:
sudo: unexpected child termination condition: 0

Subject: Re: Live migration issues
Posted by divB on Thu, 11 Oct 2012 00:55:21 GMT
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No, I wouldnt use OpenVZ when live migration is an issue.
It never worked and caused tons of problems)everzthing documented in this forum with no replies)

Subject: Re: Live migration issues
Posted by e100 on Thu, 11 Oct 2012 02:53:14 GMT
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Thanks for the reply.

I think that many of the migration issues people have are related to the fact that the filesystem changes when migrating.
For example, maybe the inodes changing cause strange problems.

I see that ploop is available now and it might help with these issues.

Subject: Re: Live migration issues
Posted by divB on Thu, 11 Oct 2012 07:14:45 GMT
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No, the issue are kernel objects ...

divB