Subject: *SOLVED* Does live migration between different kernel versions supportted?
Posted by shixi on Tue, 27 Mar 2007 10:23:41 GMT
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I have two boxes with Redhat AS4 installed. The openvz kernel is 2.6.18-ovz028test018.1
I need to update the kernel to kernel-2.6.18-ovz028stab021.1 for both boxes. But my expect is do not stop the VE for the update. So the problem is I have to do live migration between different kernel version. I tested it, checked with vzlist, it's seems ok. But the ssh connection to the VE broken during the live migration. Does openvz support this feature?

Subject: Re: Does live migration between different kernel versions supportted?
Posted by dev on Wed, 28 Mar 2007 07:00:12 GMT
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well, actually we even support live migration from 2.6.9 stable to 2.6.18 stable.
however, before 2.6.18 become stable I remember there were some changes which could prevent earlier 2.6.18 -> to older 2.6.18 migrations...

In your case it looks like it works, but connections were dropped?

Subject: Re: Does live migration between different kernel versions supportted?
Posted by shixi on Wed, 28 Mar 2007 07:05:15 GMT
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Thanks for your reply.

Yes, I test it adain, live migration from test018.1 to stab021.1 works fine. But as stab023.1 released, the live migration from stab021.1 or test018.1 to stab023.1 failed.
Following is the error message.

```
[root@dst96 ~]# vzlist
      VEID      NPROC STATUS  IP_ADDR         HOSTNAME
      1002         12 running 15.244.80.224   -
[root@dst96 ~]# vzmigrate --online 15.244.81.233 1002
OPT:--online
OPT:15.244.81.233
Starting online migration of VE 1002 on 15.244.81.233
Preparing remote node
Initializing remote quota
Syncing private
```

Live migrating VE
Syncing 2nd level quota
Error: Failed to undump VE
vzquota : (error) Quota is not running for id 1002

Subject: Re: Does live migration between different kernel versions supportted?
Posted by shixi on Wed, 28 Mar 2007 07:10:01 GMT
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My VE is running on IA64 platform.

Subject: Re: Does live migration between different kernel versions supportted?
Posted by dev on Wed, 28 Mar 2007 07:39:45 GMT
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but works fine from 023.1 to 023.1, correct?

Subject: Re: Does live migration between different kernel versions supportted?
Posted by shixi on Wed, 28 Mar 2007 07:42:16 GMT
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Yes, it works fine.

I'm working on this, there is a opening bug seems similar
http://bugzilla.openvz.org/show_bug.cgi?id=512

Many thanks again.