Subject: migrationg VE's from kernel 2.6.8 to 2.6.24-ovz009.1
Posted by pilpelet on Tue, 29 Sep 2009 09:23:37 GMT
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Hi ,
Im about to migrate few VE's from an old stable 2.6.8 OVZ kernel
to a new server with 2.6.24-ovz009.1 version .
I tested a migration and its working , i didnt test networking and high load but it looks fint now .

I just wants to check few things seens its production havy load VE's befor actualy moves them .

1 - Is the 2.6.24-ovz009.1 fairly stable(its the only version that worked ok with kvm support in it and didnt crash under fedora 7-10) 2.6.27 crashed after reboot .

2 - Will it be possible to migrate the VE's back to the old server 2.6.8 kernel back , i read a post saying that its not possible to migrate to an older kernel , it thru some erorrs in the mogration itself but i havnt checked it so i dont know .

Many thanks ,

Subject: Re: migrationg VE's from kernel 2.6.8 to 2.6.24-ovz009.1
Posted by kir on Tue, 29 Sep 2009 09:26:42 GMT
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Do you mean live migration (i.e. vzmigrate --online)?

Subject: Re: migrationg VE's from kernel 2.6.8 to 2.6.24-ovz009.1
Posted by pilpelet on Tue, 29 Sep 2009 09:34:38 GMT
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Yes , i meant --online
But it doesnt matter if there is another way to do it even if it meens to make some VE's offline for a while then its fine also .

Subject: Re: migrationg VE's from kernel 2.6.8 to 2.6.24-ovz009.1
Posted by kir on Tue, 29 Sep 2009 11:11:05 GMT
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You can always migrate w/o using --offline, that would be stop/migrate/start.

Yes we usually support live migration only from older to newer kernels, but not vise versa -- so live migration from 2.6.24 to 2.6.9 will probably fail.

If you want something newer than 2.6.9 but still stable enough I'd recommend using RHEL5-based kernel (i.e. http://wiki.openvz.org/Download/kernel/rhel5). Nevertheless 2.6.9-based branch is still supported.

Subject: Re: migrationg VE's from kernel 2.6.8 to 2.6.24-ovz009.1
Posted by pilpelet on Tue, 29 Sep 2009 11:24:48 GMT
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So basicly backup and reload from new to old will work as well ?
Regarding kernel 2.6.24 , i found it well suited to our need in a test small server for now seens we test KVM and openvz on the same host .
Im not sure stable in your opinion is our stable
the HOST is havy loaded but not havy havy loaded (just few VE's)
will this version(2.6.24) will work fine as in no crashes etc..
version 2.6.18 doesnt include KVM moudle build in(only seens 2.6.20) and compiling a new kernel with openvz and kvm is a bit out of the loop right now .

Thanks ,

Subject: Re: migrationg VE's from kernel 2.6.8 to 2.6.24-ovz009.1
Posted by sylvester_0 on Sat, 10 Oct 2009 23:55:17 GMT
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I've been using 8 VEs on a Ubuntu 8.04 (2.6.24) machine w/ one Server 2008 KVM machine. The only issue that I've had is that my machine is so new* that I had to turn off ACPI (acpi=off). I was gettings "soft lockup" messages all the time with ACPI enabled. Of course, turning off ACPI causes some real time clock issue so my Windows guest fall behind. Other than that I highly recommend 2.6.24 - if it seems stable after running for a few days then I'd venture to say it will stay that way!

* It's a Dell Studio 540 desktop w/ an Intel Q9650 and 8GB of RAM. The motherboard SATA ports aren't detected so I'm using an Adaptec card. The onboard Ethernet doesn't work either. I really hope that the OpenVZ development team is able to build kernel modules for whatever kernel is used in the next LTS (10.04) so my hardware works properly!