Subject: Shell job control in VEs
Posted by Tim Hudson on Tue, 29 Jan 2008 07:15:18 GMT

I've got openvz setup and operating nicely with three VEs (ubuntu7.10, centos4, redhat9) - but shell job control does not work in any of them.

^Z should suspend the current command inside the VE when in a shell where you've
  ssh'd into the VE - but instead it remains inside the current process. I've
checked stty settings and they appear equivalent in both the VE and host.

Have I missed enabling something which is mentioned in the documentation or is
this a known issue?

I'm using 2.6.20-ovz008-openvz1 (built from source) following instructions for
how to build when using Ubuntu as the host OS.

Any pointers to how to resolve this would be appreciated.

Thanks,
Tim.

Subject: Re: Shell job control in VEs
Posted by kir on Tue, 29 Jan 2008 09:12:37 GMT

I have just checked and it works for me (using kernel 2.6.18-028stab051).
Could you try using 2.6.18 (i.e. stable) kernels, or 2.6.24? Note that
2.6.20 (as well as 2.6.22) is frozen and unsupported.

Tim Hudson wrote:
> I've got openvz setup and operating nicely with three VEs (ubuntu7.10,
> centos4,
> redhat9) - but shell job control does not work in any of them.
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> documentation or is
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> instructions for

> how to build when using Ubuntu as the host OS.
>
> Any pointers to how to resolve this would be appreciated.
>
> Thanks,
> Tim.
>

Subject: Re: Shell job control in VEs
Posted by Tim Hudson on Tue, 29 Jan 2008 09:41:14 GMT
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Kir Kolyshkin wrote:
> I have just checked and it works for me (using kernel 2.6.18-028stab051).
> Could you try using 2.6.18 (i.e. stable) kernels, or 2.6.24? Note that
> 2.6.20 (as well as 2.6.22) is frozen and unsupported.

Thanks for the quick response!

As you suspected it works fine in 2.6.18-ovz-028stab051.1-smp - but I had
problems with building that release from source which is why I moved to the same
kernel release as the base Ubuntu 7.04 was using as I had no particular kernel
version preference.

I do have other modules I need to compile up - hence the issue with compiling
which lead me to a newer kernel release.

How 'stable' is the 2.6.24 release in terms of usage and known issues?

Thanks,
Tim.

Subject: Re: Shell job control in VEs
Posted by kir on Tue, 29 Jan 2008 09:59:37 GMT
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Tim Hudson wrote:
> Kir Kolyshkin wrote:
>> I have just checked and it works for me (using kernel
>> 2.6.18-028stab051).
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>> that 2.6.20 (as well as 2.6.22) is frozen and unsupported.
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> Thanks for the quick response!
>

> As you suspected it works fine in 2.6.18-ovz-028stab051.1-smp - but I
> had problems with building that release from source

Can you elaborate here?

> which is why I moved to the same kernel release as the base Ubuntu
> 7.04 was using as I had no particular kernel version preference.
>
> I do have other modules I need to compile up

...and here?

> - hence the issue with compiling which lead me to a newer kernel release.
>
> How 'stable' is the 2.6.24 release in terms of usage and known issues?

It hasn't been tested much yet, and still in very active development. We
have an intention to make it stable though.

Subject: Re: Shell job control in VEs
Posted by Tim Hudson on Thu, 31 Jan 2008 11:16:49 GMT
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Kir Kolyshkin wrote:
> Tim Hudson wrote:
>> Kir Kolyshkin wrote:
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>>> that 2.6.20 (as well as 2.6.22) is frozen and unsupported.
>>
>> Thanks for the quick response!
>>
>> As you suspected it works fine in 2.6.18-ovz-028stab051.1-smp - but I
>> had problems with building that release from source
>
> Can you elaborate here?

I starting from a fresh git checkout of 2.6.18 from the main repository and
rebuilt everything cleanly and didn't hit the problem I did with the pre-canned
setup I grabbed before. I can add in the modules I needed and have a nicely
working setup.

Thanks for the pointers to getting away from the non-supported 2.6.20 release
which resolved the original issue. It would be good to see some Wiki entry or
some note somewhere indicating not to use 2.6.20 (and I assume 2.6.22 from your
email) as "frozen" doesn't communicate do-not-use to me at least.

Tim.