Subject: OS/app in the OpenVZ container
Posted by Tommy on Thu, 10 Nov 2011 07:29:35 GMT
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Hi All,

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The vps is a group of processes which are forked on the host system.
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based on the host os? such as a media player?
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could you give me some suggestion?

Thanks.

Tommy
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Yours Sincerely!

Subject: Re: OS/app in the OpenVZ container
Posted by Kirill Korotaev on Thu, 10 Nov 2011 08:22:33 GMT
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However, for media player you may also need to run some of X parts, not just a media player alone.

Thanks,
Kirill

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Posted by Tommy on Thu, 10 Nov 2011 08:59:28 GMT
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this will act as a process virtual machine

any suggestion?

thanks

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Yours Sincerely!

Subject: Re: OS/app in the OpenVZ container
Posted by Stoyan Stoyanov on Thu, 10 Nov 2011 09:29:01 GMT
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> { so-language: zxx } -->
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Stoyan Stoyanov
Core System Administrator

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Subject: Re: OS/app in the OpenVZ container
Posted by kir on Thu, 10 Nov 2011 10:33:41 GMT
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On 11/10/2011 11:29 AM, Tommy wrote:
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It's pretty simple. What OpenVZ kernel does it creates a container and
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Subject: Re: OS/app in the OpenVZ container
Posted by kir on Thu, 10 Nov 2011 10:36:30 GMT
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On 11/10/2011 01:29 PM, Stoyan Stoyanov wrote:
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This way you will only isolate the file system (and not in totally
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Subject: Re: OS/app in the OpenVZ container
Posted by mdfranz on Thu, 10 Nov 2011 12:16:24 GMT
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Tommy,

You might want to want to look at LXC as well. Although i agree that is is pretty much impossible to run a single process, but it all depends what you are trying to do...

(BTW, don't mean to start an LXC vs. OpenVZ flame was, because the features/tools in VZ are much more mature but because LXC is fairly primitive relative to VZ it might be an option)

- mdf

2011/11/10 Kirill Korotaev <dev@parallels.com>:
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Matthew Franz
mdfranz@gmail.com

Subject: Re: OS/app in the OpenVZ container
Posted by rmello on Thu, 10 Nov 2011 13:13:00 GMT
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2011/11/10 Tommy <thfbjhkhtdx@gmail.com>

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<snip>

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1. vzctl start <container_id>
2. vzctl exec <container_id> <executable>

Where <executable> can be either an application or a script that will a)
run the application, b) detach from the shell. The <executable> has to be
present inside the container.

Another (possibly simpler) way is to simply have the executable be started
by one of your startup scripts. That way you wouldn't even have to worry
about detaching from the shell.

Roberto

Subject: Re: OS/app in the OpenVZ container
Posted by Stoyan Stoyanov on Tue, 15 Nov 2011 07:50:11 GMT
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You may wonna take a look at this:
http://qubes-os.org/Architecture.html

On Nov 10, 2011, at 12:36 PM, Kir Kolyshkin wrote:

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Subject: Re: OS/app in the OpenVZ container
Posted by Enrico Weigelt on Wed, 07 Dec 2011 04:23:46 GMT
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* Kir Kolyshkin <kir@openvz.org> wrote:

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> zombie processes).

ACK.

The probably easiest way is to take some minimal OS image, so you also
get a shell, libc, and essential setups (mounting /proc and /sys), etc.
You'll most likely also need some little setup stuff to let your app
communicate with the outside world (eg. routing, filesystem access, etc).

Doing this all completely on your own takes a lot of more efforts,
but makes a good learning project :)

Some time ago (left it aside due lack of time), I've been working on
an kind of nano-distro for such use-cases, built with my Briegel
buildsystem (it crosscompiles tiny images which only include the

really essential stuff) . If you're really interested, I'd dig it
out again.

cu
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Enrico Weigelt, metux IT service -- http://www.metux.de/

phone: +49 36207 519931 email: weigelt@metux.de
mobile: +49 151 27565287 icq: 210169427   skype: nekrad666
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