
Subject: PPP in a container question?

Posted by [michaelk](#) on Sun, 13 Dec 2009 13:39:58 GMT

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Hi!

I'm trying to follow this guide to be able to run pppd within a container
http://wiki.openvz.org/PPP_in_container

```
[root@centos ~]# vzctl set 102 --features ppp:on --save
Warning: Unknown feature: ppp:on
Bad parameter for --features: ppp:on
```

```
[root@centos ~]# rpm -q vzctl vzctl-lib
vzctl-3.0.23-1
vzctl-lib-3.0.23-1
```

Can I find somewhere a built version of vzctl with ppp support?

```
[root@centos ~]# grep DEV /etc/vz/conf/102.conf
DEVICES="c:10:200:rw c:108:0:rw "
```

Is it okej to have multiple devices in the DEVICES declaration in the conf file?
(space separated or comma separated?)

```
root@centos ~]# lsmod | grep ppp
ppp_mppe          10372  0
ppp_deflate       9728   0
zlib_deflate      21912  1 ppp_deflate
ppp_async         15232  0
ppp_generic       31884  3 ppp_mppe,ppp_deflate,ppp_async
slhc              10240  1 ppp_generic
crc_ccitt         6144   1 ppp_async
```

```
[root@centos ~]# vzctl enter 102
entered into CT 102
[root@vz102 /]# ll /dev/ppp
crw----- 1 root root 108, 0 Dec 13 13:01 /dev/ppp
[root@vz102 /]# ifconfig ppp0 up
ppp0: unknown interface: No such device
```

```
[root@vz102 /]# /usr/sbin/pppd
/usr/sbin/pppd: This system lacks kernel support for PPP. This could be because
```

.
.
Obviously it doesn't work

Any more hints or tips?

seems a bit unclear in http://bugzilla.openvz.org/show_bug.cgi?id=268 if this should work or not?

Thanks in advance

Michael

Subject: Re: PPP in a container question?
Posted by [maratrus](#) on Fri, 18 Dec 2009 13:04:06 GMT
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Hi,

please pay attention to "Caveat" section

Quote:

It currently requires a version of vzctl patched with this patch

Subject: Re: PPP in a container question?
Posted by [michaelk](#) on Fri, 25 Dec 2009 10:33:08 GMT
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According to "Caveat" section you need kernel "rhel5 064.4 or later".

I'm running kernel 2.6.18-164.2.1.el5.028stab066.10 which should be safe?

My problem is that the ppp feature is unknown to vzctl:

```
[root@centos ~]# uname -a
Linux centos.localdomain 2.6.18-164.2.1.el5.028stab066.10 #1 SMP Sat Dec 12 12:51:59 MSK
2009 i686 i686 i386 GNU/Linux
[root@centos ~]# modprobe ppp_async
[root@centos ~]# modprobe ppp_async
[root@centos ~]# modprobe ppp_async
[root@centos ~]# lsmod | grep ppp
ppp_async          15232 0
ppp_generic        31884 1 ppp_async
```

```
slhc          10240 1 ppp_generic
crc_ccitt     6144 1 ppp_async
[root@centos ~]# vzctl set 102 --features ppp:on --save
Warning: Unknown feature: ppp:on
Bad parameter for --features: ppp:on
```

Subject: Re: PPP in a container question?
Posted by [maratrus](#) on Fri, 25 Dec 2009 13:08:34 GMT
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According to Caveat it is not only required a fresh kernel but also a patched vzctl.

Subject: Re: PPP in a container question?
Posted by [michaelk](#) on Fri, 25 Dec 2009 19:29:09 GMT
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Quote:According to Caveat it is not only required a fresh kernel but also a patched vzctl.

Yes, I know...in my first post I asked where "I can find a built version of vzctl with ppp support?"

Of do I have to download the source and compile it myself?

Any hints?

Subject: Re: PPP in a container question?
Posted by [maratrus](#) on Sat, 26 Dec 2009 10:40:29 GMT
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Quote:
Of do I have to download the source and compile it myself?

Yes, it's an easy task to do.
It may be performed something like that.

```
# git clone git://git.openvz.org/pub/vzctl myvzctl
# cd myvzctl
# ./autogen.sh
# ./configure
# make
```

Subject: Re: PPP in a container question?
Posted by [michaelk](#) on Sun, 27 Dec 2009 20:15:07 GMT
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Yepp! That solved my problems...With the new vzctl I can now run ppp in a container

Thanks for all help!

Michael
