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Subject: How venetxx are created?

Posted by [Rachid Abdoun](#) on Fri, 23 Jun 2006 07:41:44 GMT

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Hi,

OpenVZ is a nice project! And i'm happy to join this community!!

I found documentation here : <http://wiki.openvz.org/>

Virtual\_Ethernet\_device but i haven't found any information on theses questions :

- what is a venet? (bridge? vlan?) And
- how is it created?

Could someone explain me how does it work?

P.S : I'm running a debian sarge 3.1 on pentium M 1.7Ghz with 512MB

Thank you

- Rachid

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Subject: Re: How venetxx are created?

Posted by [dev](#) on Fri, 23 Jun 2006 09:28:13 GMT

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venet is the default network device. it's not bridge and vlan, it is more like a ppp connection between VPS and host system. It does packet switching based on IP header.

venet is created automatically on VPS start. vzctl scripts setup appropriate IP and settings on venet inside VPS. if you set VPSIP.conf variable OSTEMPLATE=debian-3.1 it will automatically work correct with you debian VPS.

To add/del IP address use  
# vzctl set <VPSID> --ipadd|ipdel <IP>  
command.

We will provide wiki soon :)

Thanks,  
Kirill

> OpenVZ is a nice project! And i'm happy to join this community!!

>

> I found documentation here : <http://wiki.openvz.org/>  
> Virtual\_Ethernet\_device but i haven't found any information on theses  
> questions :  
>  
> - what is a venet? (bridge? vlan?) And  
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> Could someone explain me how does it work?  
>  
> P.S : I'm running a debian sarge 3.1 on pentium M 1.7Ghz with 512MB  
>  
> Thank you  
>  
> - Rachid

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Subject: Re: How venetxx are created?

Posted by [Rachid Abdoun](#) on Fri, 23 Jun 2006 09:54:12 GMT

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ok thank you i understand... i disable it because i'd like to use vethX instead... but i have a compilation problem on debian :

```
phoenix:/usr/src/vzctl-3.0.10# make install
for file in src; do \
    (cd $file && make -f Makefile install) \
done
make[1]: Entering directory `/usr/src/vzctl-3.0.10/src'
Makefile:221: .depend: Aucun fichier ou repertoire de ce type
gcc -M -I ../include vzctl.c vzctl-actions.c modules.c enter.c
vzlist.c arpsend.c vzsplitt.c vsmemcheck.c validate.c vzcfgvalidate.c
vzcalc.c lib/env.c lib/ub.c lib/net.c lib/logger.c lib/exec.c lib/
cap.c lib/cpu.c lib/res.c lib/util.c lib/dist.c lib/list.c lib/
script.c lib/dev.c lib/config.c lib/lock.c lib/quota.c lib/modules.c
lib/iptables.c lib/fs.c lib/create.c lib/readelf.c lib/cpt.c lib/
destroy.c lib/vps_config.c lib/meminfo.c lib/veth.c lib/fs_simfs.c
>.depend
make[1]: Leaving directory `/usr/src/vzctl-3.0.10/src'
make[1]: Entering directory `/usr/src/vzctl-3.0.10/src'
gcc -c -Wall -g2 -fPIC -I ../include lib/fs_simfs.c -o lib/fs_simfs.lo
gcc -Wall -g2 -I ../include lib/fs_simfs.lo -shared -o libvzctl-
simfs.so.0.0.2
gcc -c -Wall -g2 -fPIC -I ../include lib/env.c -o lib/env.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/ub.c -o lib/ub.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/net.c -o lib/net.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/logger.c -o lib/logger.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/exec.c -o lib/exec.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/cap.c -o lib/cap.lo
```

```

gcc -c -Wall -g2 -fPIC -I ../include lib/cpu.c -o lib/cpu.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/res.c -o lib/res.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/util.c -o lib/util.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/dist.c -o lib/dist.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/list.c -o lib/list.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/script.c -o lib/script.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/dev.c -o lib/dev.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/config.c -o lib/config.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/lock.c -o lib/lock.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/quota.c -o lib/quota.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/modules.c -o lib/modules.lo
lib/modules.c: Dans la fonction ? mod_make_opt ?:
lib/modules.c:93: attention : passage de l'argument n?2 au pointeur
de fonction annule des qualificateurs du type du pointeur cible
gcc -c -Wall -g2 -fPIC -I ../include lib/iptables.c -o lib/iptables.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/fs.c -o lib/fs.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/create.c -o lib/create.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/readelf.c -o lib/readelf.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/cpt.c -o lib/cpt.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/destroy.c -o lib/destroy.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/vps_configure.c -o lib/
vps_configure.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/meminfo.c -o lib/meminfo.lo
gcc -c -Wall -g2 -fPIC -I ../include lib/veth.c -o lib/veth.lo
gcc -Wall -g2 -I ../include lib/env.lo lib/ub.lo lib/net.lo lib/
logger.lo lib/exec.lo lib/cap.lo lib/cpu.lo lib/res.lo lib/util.lo
lib/dist.lo lib/list.lo lib/script.lo lib/dev.lo lib/config.lo lib/
lock.lo lib/quota.lo lib/modules.lo lib/iptables.lo lib/fs.lo lib/
create.lo lib/readelf.lo lib/cpt.lo lib/destroy.lo lib/
vps_configure.lo lib/meminfo.lo lib/veth.lo -L. -Wl,-rpath=/usr/lib/
vzctl/lib -ldl -shared -o libvzctl.so.0.0.2
gcc -c -Wall -g2 -I ../include vzctl.c -o vzctl.o
gcc -c -Wall -g2 -I ../include vzctl-actions.c -o vzctl-actions.o
gcc -c -Wall -g2 -I ../include modules.c -o modules.o
modules.c: Dans la fonction ? add_module ?:
modules.c:106: attention : implicit declaration of function
`is_mod_action'
gcc -c -Wall -g2 -I ../include enter.c -o enter.o
ln -sf libvzctl-simfs.so.0.0.2 libvzctl-fs.so
gcc -Wall -g2 -I ../include vzctl.o vzctl-actions.o modules.o
enter.o -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl.so.0.0.2
libvzctl-fs.so -lutil -o vzctl
gcc -c -Wall -g2 -I ../include vzlist.c -o vzlist.o
gcc -Wall -g2 -I ../include vzlist.o -L. -Wl,-rpath=/usr/lib/vzctl/
lib -ldl libvzctl-fs.so libvzctl.so.0.0.2 -o vzlist
gcc -c -Wall -g2 -I ../include arpsend.c -o arpsend.o
gcc -Wall -g2 -I ../include arpsend.o -o arpsend
gcc -c -Wall -g2 -I ../include vzsplite.c -o vzsplite.o

```

```
gcc -Wall -g2 -I ../include vzsplint.o -o vzsplint
gcc -c -Wall -g2 -I ../include vzcfgvalidate.c -o vzcfgvalidate.o
vzcfgvalidate.c: Dans la fonction ? main ? :
vzcfgvalidate.c:73: attention : implicit declaration of function
`validate'
gcc -c -Wall -g2 -I ../include validate.c -o validate.o
gcc -Wall -g2 -I ../include vzcfgvalidate.o validate.o libvzctl.so.
0.0.2 libvzctl-fs.so -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl-
fs.so libvzctl.so.0.0.2 -o vzcfgvalidate
gcc -c -Wall -g2 -I ../include vzmcheck.c -o vzmcheck.o
gcc -Wall -g2 -I ../include -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl
libvzctl-fs.so libvzctl.so.0.0.2 vzmcheck.o validate.o libvzctl.so.
0.0.2 libvzctl-fs.so -o vzmcheck
gcc -c -Wall -g2 -I ../include vzcalc.c -o vzcalc.o
gcc -Wall -g2 -I ../include vzcalc.o libvzctl.so.0.0.2 libvzctl-
fs.so -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl-fs.so
libvzctl.so.0.0.2 -o vzcalc
install -d /etc/vz
install -d /usr/sbin
install -d /etc/vz/conf
install -d /usr/lib/vzctl/scripts/
install -d /usr/share/vzctl/scripts
install -d /etc/cron.d
install -d /etc/init.d
install -d /vz/lock
install -d /vz/dump
install -d /etc/logrotate.d
install -d /vz/template/cache
install -d /var/lib/vzctl/veip
install -d
install: Trop peu de arguments.
Pour en savoir davantage, faites: ? install --help ?.
make[1]: *** [inst-dirs] Erreur 1
make[1]: Leaving directory `/usr/src/vzctl-3.0.10/src'
make: *** [install] Erreur 2
phoenix:/usr/src/vzctl-3.0.10#
```

What's happened? Could you help me on compilation?

Thank you

rachid

> venet is the default network device. it's not bridge and vlan, it  
> is more like a ppp connection between VPS and host system. It does  
> packet switching based on IP header.

>  
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>  
> To add/del IP address use  
> # vzctl set <VPSID> --ipadd|ipdel <IP>  
> command.  
>  
> We will provide wiki soon :)  
>  
> Thanks,  
> Kirill  
>  
>> OpenVZ is a nice project! And i'm happy to join this community!!  
>> I found documentation here : <http://wiki.openvz.org/>  
>> Virtual\_Ethernet\_device but i haven't found any information on  
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>> Could someone explain me how does it work?  
>> P.S : I'm running a debian sarge 3.1 on pentium M 1.7Ghz with 512MB  
>> Thank you  
>> - Rachid

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Subject: Re: How venetxx are created?

Posted by [Vasily Tarasov](#) on Fri, 23 Jun 2006 10:03:51 GMT

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It's a known problem. Please, read  
<http://forum.openvz.org/index.php?t=tree&th=697&mid=3666&&rev=&reveal=>  
to fix it.

Rachid Abdoun wrote:

> ok thank you i understand... i disable it because i'd like to use  
> vethX instead... but i have a compilation problem on debian :  
>  
> phoenix:/usr/src/vzctl-3.0.10# make install  
> for file in src; do \  
> (cd \$file && make -f Makefile install) \  
> done  
> make[1]: Entering directory `/usr/src/vzctl-3.0.10/src'  
> Makefile:221: .depend: Aucun fichier ou repertoire de ce type  
> gcc -M -I ../include vzctl.c vzctl-actions.c modules.c enter.c  
> vzlist.c arpsend.c vzsplite.c vzmemcheck.c validate.c vzcfgvalidate.c

```

> vzcalc.c lib/env.c lib/ub.c lib/net.c lib/logger.c lib/exec.c lib/
> cap.c lib/cpu.c lib/res.c lib/util.c lib/dist.c lib/list.c lib/
> script.c lib/dev.c lib/config.c lib/lock.c lib/quota.c lib/modules.c
> lib/iptables.c lib/fs.c lib/create.c lib/readelf.c lib/cpt.c lib/
> destroy.c lib/vps_configure.c lib/meminfo.c lib/veth.c lib/fs_simfs.c
> >.depend
> make[1]: Leaving directory `/usr/src/vzctl-3.0.10/src'
> make[1]: Entering directory `/usr/src/vzctl-3.0.10/src'
> gcc -c -Wall -g2 -fPIC -I ../include lib/fs_simfs.c -o lib/fs_simfs.lo
> gcc -Wall -g2 -I ../include lib/fs_simfs.lo -shared -o libvzctl-
> simfs.so.0.0.2
> gcc -c -Wall -g2 -fPIC -I ../include lib/env.c -o lib/env.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/ub.c -o lib/ub.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/net.c -o lib/net.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/logger.c -o lib/logger.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/exec.c -o lib/exec.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/cap.c -o lib/cap.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/cpu.c -o lib/cpu.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/res.c -o lib/res.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/util.c -o lib/util.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/dist.c -o lib/dist.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/list.c -o lib/list.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/script.c -o lib/script.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/dev.c -o lib/dev.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/config.c -o lib/config.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/lock.c -o lib/lock.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/quota.c -o lib/quota.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/modules.c -o lib/modules.lo
> lib/modules.c: Dans la fonction ? mod_make_opt ?:
> lib/modules.c:93: attention : passage de l'argument n?2 au pointeur
> de fonction annule des qualificateurs du type du pointeur cible
> gcc -c -Wall -g2 -fPIC -I ../include lib/iptables.c -o lib/iptables.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/fs.c -o lib/fs.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/create.c -o lib/create.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/readelf.c -o lib/readelf.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/cpt.c -o lib/cpt.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/destroy.c -o lib/destroy.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/vps_configure.c -o lib/
> vps_configure.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/meminfo.c -o lib/meminfo.lo
> gcc -c -Wall -g2 -fPIC -I ../include lib/veth.c -o lib/veth.lo
> gcc -Wall -g2 -I ../include lib/env.lo lib/ub.lo lib/net.lo lib/
> logger.lo lib/exec.lo lib/cap.lo lib/cpu.lo lib/res.lo lib/util.lo
> lib/dist.lo lib/list.lo lib/script.lo lib/dev.lo lib/config.lo lib/
> lock.lo lib/quota.lo lib/modules.lo lib/iptables.lo lib/fs.lo lib/
> create.lo lib/readelf.lo lib/cpt.lo lib/destroy.lo lib/
> vps_configure.lo lib/meminfo.lo lib/veth.lo -L. -Wl,-rpath=/usr/lib/
> vzctl/lib -ldl -shared -o libvzctl.so.0.0.2

```

```

> gcc -c -Wall -g2 -I ../include vzctl.c -o vzctl.o
> gcc -c -Wall -g2 -I ../include vzctl-actions.c -o vzctl-actions.o
> gcc -c -Wall -g2 -I ../include modules.c -o modules.o
> modules.c: Dans la fonction ? add_module ?:
> modules.c:106: attention : implicit declaration of function
> `is_mod_action'
> gcc -c -Wall -g2 -I ../include enter.c -o enter.o
> ln -sf libvzctl-simfs.so.0.0.2 libvzctl-fs.so
> gcc -Wall -g2 -I ../include vzctl.o vzctl-actions.o modules.o
> enter.o -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl.so.0.0.2
> libvzctl-fs.so -lutil -o vzctl
> gcc -c -Wall -g2 -I ../include vzlist.c -o vzlist.o
> gcc -Wall -g2 -I ../include vzlist.o -L. -Wl,-rpath=/usr/lib/vzctl/
> lib -ldl libvzctl-fs.so libvzctl.so.0.0.2 -o vzlist
> gcc -c -Wall -g2 -I ../include arpsend.c -o arpsend.o
> gcc -Wall -g2 -I ../include arpsend.o -o arpsend
> gcc -c -Wall -g2 -I ../include vzsplitt.c -o vzsplitt.o
> gcc -Wall -g2 -I ../include vzsplitt.o -o vzsplitt
> gcc -c -Wall -g2 -I ../include vzcfgvalidate.c -o vzcfgvalidate.o
> vzcfgvalidate.c: Dans la fonction ? main ?:
> vzcfgvalidate.c:73: attention : implicit declaration of function
> `validate'
> gcc -c -Wall -g2 -I ../include validate.c -o validate.o
> gcc -Wall -g2 -I ../include vzcfgvalidate.o validate.o libvzctl.so.
> 0.0.2 libvzctl-fs.so -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl-
> fs.so libvzctl.so.0.0.2 -o vzcfgvalidate
> gcc -c -Wall -g2 -I ../include vzmemcheck.c -o vzmemcheck.o
> gcc -Wall -g2 -I ../include -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl
> libvzctl-fs.so libvzctl.so.0.0.2 vzmemcheck.o validate.o libvzctl.so.
> 0.0.2 libvzctl-fs.so -o vzmemcheck
> gcc -c -Wall -g2 -I ../include vzcalc.c -o vzcalc.o
> gcc -Wall -g2 -I ../include vzcalc.o libvzctl.so.0.0.2 libvzctl-
> fs.so -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl-fs.so
> libvzctl.so.0.0.2 -o vzcalc
> install -d /etc/vz
> install -d /usr/sbin
> install -d /etc/vz/conf
> install -d /usr/lib/vzctl/scripts/
> install -d /usr/share/vzctl/scripts
> install -d /etc/cron.d
> install -d /etc/init.d
> install -d /vz/lock
> install -d /vz/dump
> install -d /etc/logrotate.d
> install -d /vz/template/cache
> install -d /var/lib/vzctl/veip
> install -d
> install: Trop peu de arguments.

```

> Pour en savoir davantage, faites: ? install --help ?.  
> make[1]: \*\*\* [inst-dirs] Erreur 1  
> make[1]: Leaving directory `/usr/src/vzctl-3.0.10/src'  
> make: \*\*\* [install] Erreur 2  
> phoenix:/usr/src/vzctl-3.0.10#  
>  
> What's happened? Could you help me on compilation?  
>  
> Thank you  
>  
> rachid  
>  
  
>  
>> venet is the default network device. it's not bridge and vlan, it is  
>> more like a ppp connection between VPS and host system. It does  
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>>  
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>> correct with you debian VPS.  
>>  
>> To add/del IP address use  
>> # vzctl set <VPSID> --ipadd|ipdel <IP>  
>> command.  
>>  
>> We will provide wiki soon :)  
>>  
>> Thanks,  
>> Kirill  
>>  
>>> OpenVZ is a nice project! And i'm happy to join this community!!  
>>> I found documentation here : <http://wiki.openvz.org/>  
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>>> P.S : I'm running a debian sarge 3.1 on pentium M 1.7Ghz with 512MB  
>>> Thank you  
>>> - Rachid

---

Subject: Re: How venetxx are created?

Posted by [Rachid Abdoun](#) on Fri, 23 Jun 2006 18:03:50 GMT

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oh thank you I don't see..

I use instead this solution alien tool that can create a .deb from a .rpm....

euuuuhh,... Is it depreciated?

```
> It's a known problem. Please, read http://forum.openvz.org/index.php?t=tree&th=697&mid=3666&&rev=&r\_eveal=
> to fix it.
>
> Rachid Abdoun wrote:
>
>> ok thank you i understand... i disable it because i'd like to use
>> vethX instead... but i have a compilation problem on debian :
>>
>> phoenix:/usr/src/vzctl-3.0.10# make install
>> for file in src; do \
>>     (cd $file && make -f Makefile install) \
>> done
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>> gcc -M -I ../include vzctl.c vzctl-actions.c modules.c enter.c
>> vzlist.c arpsend.c vzsplitt.c vzmembcheck.c validate.c
>> vzcfgvalidate.c vzcalc.c lib/env.c lib/ub.c lib/net.c lib/
>> logger.c lib/exec.c lib/ cap.c lib/cpu.c lib/res.c lib/util.c lib/
>> dist.c lib/list.c lib/ script.c lib/dev.c lib/config.c lib/lock.c
>> lib/quota.c lib/modules.c lib/iptables.c lib/fs.c lib/create.c
>> lib/readelf.c lib/cpt.c lib/ destroy.c lib/vps_configure.c lib/
>> meminfo.c lib/veth.c lib/fs_simfs.c >.depend
>> make[1]: Leaving directory `/usr/src/vzctl-3.0.10/src'
>> make[1]: Entering directory `/usr/src/vzctl-3.0.10/src'
>> gcc -c -Wall -g2 -fPIC -I ../include lib/fs_simfs.c -o lib/
>> fs_simfs.lo
>> gcc -Wall -g2 -I ../include lib/fs_simfs.lo -shared -o libvzctl-
>> simfs.so.0.0.2
>> gcc -c -Wall -g2 -fPIC -I ../include lib/env.c -o lib/env.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/ub.c -o lib/ub.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/net.c -o lib/net.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/logger.c -o lib/logger.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/exec.c -o lib/exec.lo
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>> gcc -c -Wall -g2 -fPIC -I ../include lib/cpu.c -o lib/cpu.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/res.c -o lib/res.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/util.c -o lib/util.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/dist.c -o lib/dist.lo
```

```

>> gcc -c -Wall -g2 -fPIC -I ../include lib/list.c -o lib/list.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/script.c -o lib/script.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/dev.c -o lib/dev.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/config.c -o lib/config.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/lock.c -o lib/lock.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/quota.c -o lib/quota.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/modules.c -o lib/modules.lo
>> lib/modules.c: Dans la fonction ? mod_make_opt ?:
>> lib/modules.c:93: attention : passage de l'argument n?2 au
>> pointeur de fonction annule des qualificateurs du type du
>> pointeur cible
>> gcc -c -Wall -g2 -fPIC -I ../include lib/iptables.c -o lib/
>> iptables.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/fs.c -o lib/fs.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/create.c -o lib/create.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/readelf.c -o lib/readelf.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/cpt.c -o lib/cpt.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/destroy.c -o lib/destroy.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/vps_configure.c -o lib/
>> vps_configure.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/meminfo.c -o lib/meminfo.lo
>> gcc -c -Wall -g2 -fPIC -I ../include lib/veth.c -o lib/veth.lo
>> gcc -Wall -g2 -I ../include lib/env.lo lib/ub.lo lib/net.lo lib/
>> logger.lo lib/exec.lo lib/cap.lo lib/cpu.lo lib/res.lo lib/
>> util.lo lib/dist.lo lib/list.lo lib/script.lo lib/dev.lo lib/
>> config.lo lib/ lock.lo lib/quota.lo lib/modules.lo lib/iptables.lo
>> lib/fs.lo lib/ create.lo lib/readelf.lo lib/cpt.lo lib/destroy.lo
>> lib/ vps_configure.lo lib/meminfo.lo lib/veth.lo -L. -Wl,-rpath=/
>> usr/lib/ vzctl/lib -ldl -shared -o libvzctl.so.0.0.2
>> gcc -c -Wall -g2 -I ../include vzctl.c -o vzctl.o
>> gcc -c -Wall -g2 -I ../include vzctl-actions.c -o vzctl-actions.o
>> gcc -c -Wall -g2 -I ../include modules.c -o modules.o
>> modules.c: Dans la fonction ? add_module ?:
>> modules.c:106: attention : implicit declaration of function
>> `is_mod_action'
>> gcc -c -Wall -g2 -I ../include enter.c -o enter.o
>> ln -sf libvzctl-simfs.so.0.0.2 libvzctl-fs.so
>> gcc -Wall -g2 -I ../include vzctl.o vzctl-actions.o modules.o
>> enter.o -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl.so.0.0.2
>> libvzctl-fs.so -lutil -o vzctl
>> gcc -c -Wall -g2 -I ../include vzlist.c -o vzlist.o
>> gcc -Wall -g2 -I ../include vzlist.o -L. -Wl,-rpath=/usr/lib/
>> vzctl/ lib -ldl libvzctl-fs.so libvzctl.so.0.0.2 -o vzlist
>> gcc -c -Wall -g2 -I ../include arpsend.c -o arpsend.o
>> gcc -Wall -g2 -I ../include arpsend.o -o arpsend
>> gcc -c -Wall -g2 -I ../include vzsplitt.c -o vzsplitt.o
>> gcc -Wall -g2 -I ../include vzsplitt.o -o vzsplitt
>> gcc -c -Wall -g2 -I ../include vzcfgvalidate.c -o vzcfgvalidate.o

```

```

>> vzcfgvalidate.c: Dans la fonction ? main ?:
>> vzcfgvalidate.c:73: attention : implicit declaration of function
>> `validate'
>> gcc -c -Wall -g2 -I ../include validate.c -o validate.o
>> gcc -Wall -g2 -I ../include vzcfgvalidate.o validate.o
>> libvzctl.so. 0.0.2 libvzctl-fs.so -L. -Wl,-rpath=/usr/lib/vzctl/
>> lib -ldl libvzctl-fs.so libvzctl.so.0.0.2 -o vzcfgvalidate
>> gcc -c -Wall -g2 -I ../include vzmemcheck.c -o vzmemcheck.o
>> gcc -Wall -g2 -I ../include -L. -Wl,-rpath=/usr/lib/vzctl/lib -
>> ld libvzctl-fs.so libvzctl.so.0.0.2 vzmemcheck.o validate.o
>> libvzctl.so. 0.0.2 libvzctl-fs.so -o vzmemcheck
>> gcc -c -Wall -g2 -I ../include vzcalc.c -o vzcalc.o
>> gcc -Wall -g2 -I ../include vzcalc.o libvzctl.so.0.0.2 libvzctl-
>> fs.so -L. -Wl,-rpath=/usr/lib/vzctl/lib -ldl libvzctl-fs.so
>> libvzctl.so.0.0.2 -o vzcalc
>> install -d /etc/vz
>> install -d /usr/sbin
>> install -d /etc/vz/conf
>> install -d /usr/lib/vzctl/scripts/
>> install -d /usr/share/vzctl/scripts
>> install -d /etc/cron.d
>> install -d /etc/init.d
>> install -d /vz/lock
>> install -d /vz/dump
>> install -d /etc/logrotate.d
>> install -d /vz/template/cache
>> install -d /var/lib/vzctl/veip
>> install -d
>> install: Trop peu de arguments.
>> Pour en savoir davantage, faites: ? install --help ?.
>> make[1]: *** [inst-dirs] Erreur 1
>> make[1]: Leaving directory `/usr/src/vzctl-3.0.10/src'
>> make: *** [install] Erreur 2
>> phoenix:/usr/src/vzctl-3.0.10#
>>
>> What's happened? Could you help me on compilation?
>>
>> Thank you
>>
>> rachid
>>
>>
>>> venet is the default network device. it's not bridge and vlan,
>>> it is more like a ppp connection between VPS and host system. It
>>> does packet switching based on IP header.
>>>
>>> venet is created automatically on VPS start. vzctl scripts setup

```

>>> appropriate IP and settings on venet inside VPS. if you set  
>>> VPSIP.conf variable OSTEMPLATE=debian-3.1 it will automatically  
>>> work correct with you debian VPS.  
>>>  
>>> To add/del IP address use  
>>> # vzctl set <VPSID> --ipadd|ipdel <IP>  
>>> command.  
>>>  
>>> We will provide wiki soon :)  
>>>  
>>> Thanks,  
>>> Kirill  
>>>  
>>>> OpenVZ is a nice project! And i'm happy to join this communauty!!  
>>>> I found documentation here : <http://wiki.openvz.org/>  
>>>> Virtual\_Ethernet\_device but i haven't found any information on  
>>>> theses questions :  
>>>> - what is a venet? (bridge? vlan?) And  
>>>> - how is it created?  
>>>> Could someone explain me how does it work?  
>>>> P.S : I'm running a debian sarge 3.1 on pentium M 1.7Ghz with 512MB  
>>>> Thank you  
>>>> - Rachid

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