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 r?pertoire de ce type
gcc -M   -I ../include vzctl.c vzctl-actions.c modules.c enter.c
vzlist.c arpsend.c vzsplit.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 vzsplit.c -o vzsplit.o
gcc -Wall -g2 -I ../include  vzsplit.o -o vzsplit
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
> 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