
Posted by [sHaggY_caT](#) on Fri, 31 Oct 2008 10:37:14 GMT
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```
[shaggycat@desktop ~]$ cat /etc/redhat-release
Fedora release 8 (Werewolf)
[shaggycat@desktop ~]$ uname -a
Linux desktop.loc 2.6.26.5-28.fc8 #1 SMP Sat Sep 20 09:12:30 EDT 2008 x86_64 x86_64 x86_64
GNU/Linux
[shaggycat@desktop ~]$ ifconfig
br0      Link encap:Ethernet  HWaddr *****
          inet addr:10.0.5.2  Bcast:10.0.5.255  Mask:255.255.255.0
```

inet6 addr: fe80::211:d8ff:fe91:a3da/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:1246145 errors:0 dropped:0 overruns:0 frame:0
TX packets:1563590 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:975442995 (930.2 MiB) TX bytes:1051074268 (1002.3 MiB)

eth0 Link encap:Ethernet HWaddr *****
inet6 addr: fe80::211:d8ff:fe91:a3da/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:1246044 errors:0 dropped:0 overruns:0 frame:0
TX packets:1563463 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:998007741 (951.7 MiB) TX bytes:1057556364 (1008.5 MiB)
Interrupt:17

lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:1353 errors:0 dropped:0 overruns:0 frame:0
TX packets:1353 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:2680004 (2.5 MiB) TX bytes:2680004 (2.5 MiB)

vbox0 Link encap:Ethernet HWaddr 00:FF:9E:34:22:E5
inet6 addr: fe80::2ff:9eff:fe34:22e5/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:5161 overruns:0 carrier:0
collisions:0 txqueuelen:500
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

vbox1 Link encap:Ethernet HWaddr 00:FF:EE:80:DA:5C
inet6 addr: fe80::2ff:eeff:fe80:da5c/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:119 errors:0 dropped:0 overruns:0 frame:0
TX packets:142 errors:0 dropped:5142 overruns:0 carrier:0
collisions:0 txqueuelen:500
RX bytes:15192 (14.8 KiB) TX bytes:12786 (12.4 KiB)

virbr0 Link encap:Ethernet HWaddr B2:12:B1:BF:97:CB
inet addr:192.168.122.1 Bcast:192.168.122.255 Mask:255.255.255.0
inet6 addr: fe80::b012:b1ff:febf:97cb/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:30 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0

RX bytes:0 (0.0 b) TX bytes:4855 (4.7 KiB)

```
[shaggycat@desktop ~]$ rpm -qa | grep Virtual
VirtualBox-2.0.2_36488_fedora8-1
```

```
[root@localhost ~]# cat /etc/redhat-release
CentOS release 5.2 (Final)
[root@localhost ~]# uname -a
Linux localhost.localdomain 2.6.18-92.1.13.el5.028stab059.3 #1 SMP Wed Oct 15 17:48:55 MSD
2008 i686 athlon i386 GNU/Linux
[root@localhost ~]# ifconfig
eth0    Link encap:Ethernet  HWaddr 08:00:27:89:FF:82
        inet addr:10.0.5.4  Bcast:10.0.5.255  Mask:255.255.255.0
        inet6 addr: fe80::a00:27ff:fe89:ff82/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:47 errors:0 dropped:0 overruns:0 frame:0
        TX packets:51 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:5274 (5.1 KiB)  TX bytes:5888 (5.7 KiB)
        Interrupt:11 Base address:0xc020

lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)

venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)
```

```
[root@localhost shorewall]# vzlist
  VEID   NPROC STATUS IP_ADDR   HOSTNAME
  201     5 running 10.0.2.1   test_vps1.loc
  202     3 running 10.0.2.2   test_vps2.loc
[root@localhost shorewall]#
```

```
VPS<-->lan
VPS<-->HN
HN<-->VPS
```

```
[shaggycat@desktop ~]$ ssh root@10.0.2.1
root@10.0.2.1's password:
Last login: Sun Oct 26 20:13:56 2008 from 10.0.5.2
[root@test_vps1 ~]#
```

```
[root@localhost shorewall]# ls
backup backup2 hosts hosts~ interfaces interfaces~ policy policy~ shorewall.conf
shorewall.conf~ zones zones~
```

```
[root@localhost shorewall]# cat hosts
##### hosts#####
#ZONE      HOST(S)                                OPTIONS
web1       venet0:10.0.2.1
desk1      eth0:10.0.5.2
serv2      venet0:10.0.2.2

#inet      0.0.0.0/24
```

```
[root@localhost shorewall]# cat interfaces
#ZONE INTERFACE  BROADCAST  OPTIONSnet  eth0
loc  eth0      detect
net  venet0    detect    routeback
#LAST LINE -- ADD YOUR ENTRIES BEFORE THIS ONE -- DO NOT REMOVE
```

```
[root@localhost shorewall]# cat policy
##### policy
#####
#SOURCE     DEST      POLICY    LOG      LIMIT:BURST
#
$FW        all      ACCEPT
```

```
#Remove this string!
```

```
all      $FW      ACCEPT
```

```
#net     $FW      ACCEPT
```

```
#loc     $FW      ACCEPT
```

```
loc      net      ACCEPT
```

```
net      loc      ACCEPT
```

```
#net     dmz      ACCEPT
```

```
#dmz     all      DROP
```

```
all      all      REJECT
```

```
#LAST LINE -- DO NOT REMOVE
```

```
[root@localhost shorewall]# cat zones
```

```
#####zones#####
```

```
#####
```

```
#ZONE  TYPE      OPTIONS      IN      OUT
```

```
#      OPTIONS      OPTIONS
```

```
fw     firewall
```

```
# Remove?
```

```
#dmz    ipv4
```

```
#hn     ipv4
```

```
#inet
```

```
#local Network
```

```
loc     ipv4
```

```
#Virtual Network
```

```
net     ipv4
```

```
#
```

```
web1:net
```

```
desk1:loc
```

```
serv2:net
```

```
#LAST LINE - ADD YOUR ENTRIES ABOVE THIS ONE - DO NOT REMOVE
```

```
$FW      all      ACCEPT
```

```
all      $FW      ACCEPT
```

```
[root@test_vps1 /]# ping -c 1 10.0.5.4
PING 10.0.5.4 (10.0.5.4) 56(84) bytes of data.
64 bytes from 10.0.5.4: icmp_seq=1 ttl=64 time=0.096 ms

--- 10.0.5.4 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.096/0.096/0.096/0.000 ms
[root@test_vps1 /]#
```

```
[root@localhost ~]# ping -c 1 10.0.2.1
PING 10.0.2.1 (10.0.2.1) 56(84) bytes of data.
64 bytes from 10.0.2.1: icmp_seq=1 ttl=64 time=0.100 ms

--- 10.0.2.1 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.100/0.100/0.100/0.000 ms
```

```
[shaggycat@desktop bin]$ ssh 10.0.2.1
ssh: connect to host 10.0.2.1 port 22: Connection refused
[shaggycat@desktop bin]$
```

```
[root@localhost shorewall]# cat interfaces | grep venet0
net    venet0      detect    routeback
```

* http://forum.openvz.org/index.php?t=msg&goto=16406&&srch=shorewall#msg_16406