Subject: Re: Host firewall
Posted by Vasily Tarasov on Wed, 10 May 2006 09:10:49 GMT

ferp2, unfortunately I was not able to reproduce your problem localy:

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[root@dhcp0-82 ~]# uname -a
Linux dhcp0-82.sw.ru 2.6.8-022stab064.1 #1 Thu Jan 19 22:16:02 MSK 2006 i686 i686 i386
GNU/Linux


[root@dhcp0-82 ~]# iptables -L -n
Chain FORWARD (policy ACCEPT)
target    prot opt source          destination

Chain INPUT (policy DROP)
target    prot opt source          destination
ACCEPT    all  -- 0.0.0.0/0        0.0.0.0/0          state RELATED,ESTABLISHED
ACCEPT    all  -- 0.0.0.0/0        0.0.0.0/0
ACCEPT    icmp -- 192.168.0.0/24   192.168.0.82       icmp type 8
ACCEPT    tcp  -- 192.168.0.254    192.168.0.82       tcp dpt:22 state NEW
LOG       icmp -- 0.0.0.0/0        192.168.0.82       icmp !type 8 LOG flags 0 level 4
LOG       tcp  -- 0.0.0.0/0        192.168.0.82       LOG flags 0 level 4

Chain OUTPUT (policy DROP)
target    prot opt source          destination
ACCEPT    all  -- 0.0.0.0/0        0.0.0.0/0          state RELATED,ESTABLISHED
ACCEPT    all  -- 0.0.0.0/0        0.0.0.0/0
ACCEPT    all  -- 0.0.0.0/0        0.0.0.0/0
ACCEPT    icmp -- 192.168.0.82     192.168.0.0/24     icmp type 0
LOG       all  -- 0.0.0.0/0        0.0.0.0/0          LOG flags 0 level 4


[root@dhcp0-82 ~]# cat /etc/sysconfig/iptables
*filter
:INPUT DROP [0:0]
:FORWARD ACCEPT [0:0]
:OUTPUT DROP [0:0]
-A INPUT -s 0.0.0.0/0 -d 0.0.0.0/0 -m state --state RELATED,ESTABLISHED -j ACCEPT
-A INPUT -s 0.0.0.0/0 -d 0.0.0.0/0 -j ACCEPT
-A INPUT -p icmp --icmp-type 8 -s 192.168.0.0/24 -d 192.168.0.82 -j ACCEPT
-A INPUT -p tcp --destination-port 22 -s 192.168.0.254 -d 192.168.0.82 -m state --state NEW -j
ACCEPT
-A INPUT -p icmp --icmp-type ! 8 -s 0.0.0.0/0 -d 192.168.0.82 -j LOG --log-level 4
-A INPUT -p tcp -s 0.0.0.0/0 -d 192.168.0.82 -j LOG --log-level 4


-A OUTPUT -s 0.0.0.0/0 -d 0.0.0.0/0 -m state --state RELATED,ESTABLISHED -j ACCEPT
-A OUTPUT -s 0.0.0.0/0 -d 0.0.0.0/0 -j ACCEPT
```

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-A OUTPUT -s 0.0.0.0/0 -d 0.0.0.0/0 -j ACCEPT
-A OUTPUT -p icmp --icmp-type 0 -s 192.168.0.82 -d 192.168.0.0/24 -j ACCEPT
-A OUTPUT -s 0.0.0.0/0 -d 0.0.0.0/0 -j LOG --log-level 4
COMMIT

[root@dhcp0-82 ~]# ifconfig
eth0      Link encap:Ethernet  HWaddr 00:0C:29:2A:0C:8A
          inet addr:192.168.0.82  Bcast:192.168.3.255  Mask:255.255.252.0
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:7752 errors:0 dropped:0 overruns:0 frame:0
          TX packets:502 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:823851 (804.5 KiB)  TX bytes:63597 (62.1 KiB)
          Interrupt:18 Base address:0x1080


lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:8 errors:0 dropped:0 overruns:0 frame:0
          TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:560 (560.0 b)  TX bytes:560 (560.0 b)

venet0    Link encap:UNSPEC  HWaddr FF-BF-78-F6-FF-BF-F0-AC-00-00-00-00-00-00-00-00
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
          RX packets:83 errors:0 dropped:0 overruns:0 frame:0
          TX packets:11 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:5628 (5.4 KiB)  TX bytes:924 (924.0 b)


in VPS:
-bash-3.00# ifconfig
lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:8 errors:0 dropped:0 overruns:0 frame:0
          TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:560 (560.0 b)  TX bytes:560 (560.0 b)

venet0    Link encap:UNSPEC  HWaddr FF-BF-38-F7-FF-BF-38-93-00-00-00-00-00-00-00-00
          inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
          RX packets:7 errors:0 dropped:0 overruns:0 frame:0
          TX packets:43 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:588 (588.0 b)  TX bytes:2940 (2.8 KiB)
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venet0:0 Link encap:UNSPEC HWaddr FF-BF-38-F7-FF-BF-AC-F7-00-00-00-00-00-00-00-00
          inet addr:192.168.0.142 P-t-P:192.168.0.142 Bcast:192.168.0.142 Mask:255.255.255.255
          UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

Can you, please, check iptables settings inside VPS?
May be there is some firewall inside VPS?
Thanks.