

---

Posted by [falcon92](#) on Fri, 22 Apr 2011 23:51:28 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

```
# iptables -t nat -A POSTROUTING -o eth1 -j MASQUERADE
```

81, 82.

```
# iptables -t nat -A PREROUTING -p tcp -d $ExtIp --dport 80 -i eth0 -j DNAT --to-destination 192.168.0.1:80  
# iptables -t nat -A POSTROUTING -s 192.168.0.1 -o eth0 -j SNAT --to $ExtIp
```

```
# service firewall start
```

Quote:

```
root@sysadmin:~# service firewall start
Starting firewall...
Firewall: Purging and allowing all traffic...success
Firewall: Setting default policies to DROP...success
Firewall: Allowing access to HN
    port 53...success
    port 80...success
    port 443...success
    port 8080...success
    DMZ 12.34.56.78...success
    DMZ $ExtIp...success
    DMZ 127.0.0.1...success
    DMZ localhost...success
```

# service firewall status

Quote:

```
root@sysadmin:~# service firewall status
Chain INPUT (policy DROP)
target    prot opt source                destination
ACCEPT    all  --  127.0.0.1              0.0.0.0/0
ACCEPT    all  --  127.0.0.1              0.0.0.0/0
ACCEPT    all  --  $ExtIp                 0.0.0.0/0
ACCEPT    all  --  12.34.56.78            0.0.0.0/0
ACCEPT    udp  --  192.168.0.0/24         $ExtIp      udp dpt:8080
ACCEPT    tcp  --  192.168.0.0/24         $ExtIp      tcp dpt:8080
ACCEPT    udp  --  192.168.0.0/24         $ExtIp      udp dpt:443
ACCEPT    tcp  --  192.168.0.0/24         $ExtIp      tcp dpt:443
ACCEPT    udp  --  192.168.0.0/24         $ExtIp      udp dpt:80
ACCEPT    tcp  --  192.168.0.0/24         $ExtIp      tcp dpt:80
ACCEPT    udp  --  192.168.0.0/24         $ExtIp      udp dpt:53
ACCEPT    tcp  --  192.168.0.0/24         $ExtIp      tcp dpt:53
ACCEPT    all  --  0.0.0.0/0              0.0.0.0/0
ACCEPT    all  --  0.0.0.0/0              0.0.0.0/0      state RELATED,ESTABLISHED
```

Chain FORWARD (policy DROP)

```
target    prot opt source                destination
ACCEPT    all  --  127.0.0.1              0.0.0.0/0
ACCEPT    all  --  127.0.0.1              0.0.0.0/0
ACCEPT    all  --  $ExtIp                 0.0.0.0/0
ACCEPT    all  --  12.34.56.78            0.0.0.0/0
ACCEPT    all  --  192.168.0.0/24         0.0.0.0/0
ACCEPT    all  --  0.0.0.0/0              0.0.0.0/0      state RELATED,ESTABLISHED
```

Chain OUTPUT (policy ACCEPT)

target    prot opt source                    destination

Quote:

root@sysadmin:~# ifconfig

eth0    Link encap:Ethernet HWaddr 00:06:1b:cf:73:de  
        inet addr:84.\*.\*.226 Bcast:84.\*.\*.255 Mask:255.255.255.0  
        inet6 addr: fe80::206:1bff:fe73:73de/64 Scope:Link  
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
        RX packets:41397 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:9918 errors:0 dropped:0 overruns:0 carrier:0  
        collisions:0 txqueuelen:1000  
        RX bytes:11144167 (11.1 MB) TX bytes:1721965 (1.7 MB)

eth1    Link encap:Ethernet HWaddr 00:0c:f1:4b:0b:bf  
        UP BROADCAST MULTICAST 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:1000  
        RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

        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:3800 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:3800 errors:0 dropped:0 overruns:0 carrier:0  
        collisions:0 txqueuelen:0  
        RX bytes:501298 (501.2 KB) TX bytes:501298 (501.2 KB)

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:758 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:1114 errors:0 dropped:0 overruns:0 carrier:0  
        collisions:0 txqueuelen:0  
        RX bytes:130952 (130.9 KB) TX bytes:130405 (130.4 KB)

Quote:

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:6 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:6 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:0  
RX bytes:300 (300.0 B) TX bytes:300 (300.0 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:1114 errors:0 dropped:0 overruns:0 frame:0  
TX packets:758 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:130405 (130.4 KB) TX bytes:130952 (130.9 KB)

venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
inet addr:192.168.0.101 P-t-P:192.168.0.101 Bcast:0.0.0.0 Mask:255.255.255.255  
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

Quote:

```
root@test:/# cat /etc/network/interfaces
# This configuration file is auto-generated.
# WARNING: Do not edit this file, your changes will be lost.
# Please create/edit /etc/network/interfaces.head and /etc/network/interfaces.tail instead,
# their contents will be inserted at the beginning and at the end
# of this file, respectively.
#
# NOTE: it is NOT guaranteed that the contents of /etc/network/interfaces.tail
# will be at the very end of this file.
```

```
# Auto generated lo interface
auto lo
iface lo inet loopback
```

```
# Auto generated venet0 interface
auto venet0
iface venet0 inet manual
    up ifconfig venet0 up
    up ifconfig venet0 0
    up route add default dev venet0
    down route del default dev venet0
    down ifconfig venet0 down
```

```
auto venet0:0
iface venet0:0 inet static
    address 192.168.0.101
    netmask 255.255.255.255
```

---

---

Posted by [sHaggY\\_caT](#) on Tue, 26 Apr 2011 05:12:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

```
iptables-save | grep pri.vate.ip.add
-A PREROUTING -d ext.ip.add.r -i eth0 -p tcp -m tcp --dport 143 -j DNAT --to-destination
pri.vate.ip.add:143
-A PREROUTING -d ext.ip.add.r -i eth0 -p tcp -m tcp --dport 25 -j DNAT --to-destination
pri.vate.ip.add:25
-A PREROUTING -d ext.ip.add.r -i eth0 -p tcp -m tcp --dport 220 -j DNAT --to-destination
pri.vate.ip.add:220
-A PREROUTING -d ext.ip.add.r -i eth0 -p tcp -m tcp --dport 993 -j DNAT --to-destination
pri.vate.ip.add:993
-A PREROUTING -d ext.ip.add.r -i eth0 -p tcp -m tcp --dport 585 -j DNAT --to-destination
pri.vate.ip.add:585
-A PREROUTING -d ext.ip.add.r -i eth0 -p tcp -m tcp --dport 110 -j DNAT --to-destination
pri.vate.ip.add:110
-A PREROUTING -d ext.ip.add.r -i eth0 -p tcp -m tcp --dport 995 -j DNAT --to-destination
pri.vate.ip.add:995
-A FORWARD -s pri.vate.ip.add -o eth0 -p tcp -m tcp --dport 25 -j ACCEPT
-A FORWARD -s pri.vate.ip.add -o eth0 -p tcp -m tcp --dport 25 -j DROP
-A FORWARD -s pri.vate.ip.add -d pri.vate2.ip.add -j ACCEPT
-A FORWARD -s pri.vate2.ip.add -d pri.vate.ip.add -j ACCEPT
-A FORWARD -d pri.vate.ip.add -p tcp -m tcp --dport 143 -j ACCEPT
-A FORWARD -d pri.vate.ip.add -p tcp -m tcp --dport 25 -j ACCEPT
-A FORWARD -d pri.vate.ip.add -p tcp -m tcp --dport 220 -j ACCEPT
-A FORWARD -d pri.vate.ip.add -p tcp -m tcp --dport 993 -j ACCEPT
-A FORWARD -d pri.vate.ip.add -p tcp -m tcp --dport 585 -j ACCEPT
-A FORWARD -d pri.vate.ip.add -p tcp -m tcp --dport 110 -j ACCEPT
-A FORWARD -d pri.vate.ip.add -p tcp -m tcp --dport 995 -j ACCEPT
-A FORWARD -s 10.0.5.75 -d pri.vate.ip.add -j ACCEPT
-A FORWARD -s pri.vate.ip.add -d 10.0.5.75 -j ACCEPT
-A FORWARD -s pri.vate2.ip.add -d pri.vate.ip.add -j ACCEPT
-A FORWARD -s pri.vate.ip.add -d pri.vate2.ip.add -j ACCEPT
```

```
-A FORWARD -s pri.vate3.ip.add -d pri.vate.ip.add -j ACCEPT
-A FORWARD -s pri.vate.ip.add -d pri.vate3.ip.add -j ACCEPT
-A FORWARD -s pri.vate4.ip.add -d pri.vate.ip.add -j ACCEPT
-A FORWARD -s pri.vate.ip.add -d pri.vate4.ip.add -j ACCEPT
-A FORWARD -s pri.vate.ip.add -o eth0 -j ACCEPT
-A FORWARD -s pri.vate.ip.add -j DROP
-A FORWARD -d pri.vate.ip.add -j DROP
```

---

---

Posted by [falcon92](#) on Tue, 26 Apr 2011 08:00:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

ExtIp - IP HN?

---

---

Posted by [sHaggY\\_caT](#) on Tue, 26 Apr 2011 09:20:03 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

falcon92 wrote on Tue, 26 April 2011 04:00ExtIp - IP HN?

---

---

Posted by [falcon92](#) on Sun, 01 May 2011 10:11:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

---

Posted by [sHaggY\\_caT](#) on Sun, 01 May 2011 10:31:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Module	Size	Used by
tun	23296	6
vzethdev	16524	0
vznetdev	22280	48
simfs	10092	24
exportfs	9728	1 simfs
sunrpc	153656	24
vzdquota	44444	25 simfs,[permanent]
vzmon	50060	25 vznetdev
vzdev	7556	6 vzethdev,vznetdev,vzdquota,vzmon
xt_length	6016	0
ipt_ttl	5888	0
xt_tcpmss	6272	0
ipt_TCPMSS	8064	0
iptables_mangle	8576	24
xt_multiport	7168	0
xt_limit	6656	0
ipt_tos	5760	0
ipt_REJECT	10244	0
ipv6	295580	170
xfrm_nalگو	13316	1 ipv6
crypto_api	12544	1 xfrm_nalگو
autofs4	30980	7
f71882fg	13960	0
xt_state	6144	13
xt_tcpudp	7040	138
iptables_nat	13452	4
ip_nat	22160	1 iptables_nat
ip_conntrack	60740	4 xt_state,iptables_nat,ip_nat
nfnetlink	10648	2 ip_nat,ip_conntrack
iptables_filter	8576	28
ip_tables	18760	3 iptables_mangle,iptables_nat,iptables_filter
x_tables	19204	12

```

xt_length,ipt_ttl,xt_tcpmss,ipt_TCPMSS,xt_multiport,xt_limit,ipt_tos,ipt_REJECT,xt_state,xt_tcpud
p,iptable_nat,ip_tables
dm_multipath      25356 0
scsi_dh           12032 1 dm_multipath
video             21640 0
backlight         9984 1 video
sbs               18468 0
power_meter       16396 0
hwmon             7300 2 f71882fg,power_meter
i2c_ec            8960 1 sbs
dell_wmi          8336 0
wmi               12072 1 dell_wmi
container         8320 0
button            10512 0
battery           13700 0
asus_acpi         19480 0
ac                9092 0
parport_pc        29092 0
lp                16168 0
parport           37960 2 parport_pc,lp
sg                36396 0
snd_hda_intel     518764 0
snd_seq_dummy     7812 0
snd_seq_oss       33024 0
snd_seq_midi_event 10880 1 snd_seq_oss
snd_seq           52080 5 snd_seq_dummy,snd_seq_oss,snd_seq_midi_event
snd_seq_device    11660 3 snd_seq_dummy,snd_seq_oss,snd_seq
snd_pcm_oss       43264 0
snd_mixer_oss     19072 1 snd_pcm_oss
r8169             43012 0
mii               9216 1 r8169
snd_pcm           73476 2 snd_hda_intel,snd_pcm_oss
i2c_i801          11788 0
pcspkr            7040 0
snd_timer         25220 2 snd_seq,snd_pcm
snd_page_alloc    14344 2 snd_hda_intel,snd_pcm
i2c_core          24704 2 i2c_ec,i2c_i801
snd_hwdep         13060 1 snd_hda_intel
snd               56964 9
snd_hda_intel,snd_seq_oss,snd_seq,snd_seq_device,snd_pcm_oss,snd_mixer_oss,snd_pcm,snd
d_timer,snd_hwdep
soundcore         11488 1 snd
serio_raw         10628 0
tpm_tis           16648 0
tpm               19232 1 tpm_tis
tpm_bios          10496 1 tpm
dm_raid45         67208 0
dm_message        6912 1 dm_raid45

```



dm_region_hash	15616	1	dm_raid45
dm_mem_cache	9472	1	dm_raid45
dm_snapshot	23588	0	
dm_zero	6144	0	
dm_mirror	24328	0	
dm_log	14592	3	dm_raid45, dm_region_hash, dm_mirror
dm_mod	63416	15	dm_multipath, dm_raid45, dm_snapshot, dm_zero, dm_mirror, dm_log
ahci	38412	4	
libata	157636	1	ahci
sd_mod	25344	6	
scsi_mod	144724	4	scsi_dh, sg, libata, sd_mod
raid1	25472	2	
ext3	126216	4	
jbd	62760	1	ext3
uhci_hcd	25356	0	
ohci_hcd	24872	0	
ehci_hcd	33932	0	

---



---

Posted by [falcon92](#) on Sun, 01 May 2011 13:37:11 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Module	Size	Used by
vzethdev	6349	0
vznetdev	12414	6
simfs	2561	3
vzrst	111550	0
vzcpt	96205	0
vzdquota	32047	3 [permanent]
vzmon	14649	7 vzethdev, vznetdev, vzrst, vzcpt
vzdev	1703	4 vzethdev, vznetdev, vzdquota, vzmon
ipt_REDIRECT	1366	0
nf_nat_irc	1316	0
nf_nat_ftp	2452	0
iptable_nat	4703	0
nf_nat	15980	4 ipt_REDIRECT, nf_nat_irc, nf_nat_ftp, iptable_nat
xt_helper	995	0
nf_conntrack_irc	3949	1 nf_nat_irc
nf_conntrack_ftp	9435	1 nf_nat_ftp
xt_length	904	0
ipt_LOG	4359	0
xt_hl	1037	0
xt_tcpmss	1101	0
xt_TCPMSS	2499	0

```

xt_DSCP          1991 0
xt_dscp          1403 0
xt_multiport     1930 0
xt_limit         1250 0
iptables_mangle  2643 0
ipv6             225012 46 vzrst,vzcpt
cpufreq_powersave 786 0
fuse            48927 16
snd_intel8x0     22599 0
snd_ac97_codec   88758 1 snd_intel8x0
ac97_bus         902 1 snd_ac97_codec
snd_pcm_oss      29209 0
snd_mixer_oss    11046 1 snd_pcm_oss
snd_pcm          54938 3 snd_intel8x0,snd_ac97_codec,snd_pcm_oss
radeon          421483 2
ttm             29769 1 radeon
snd_seq_dummy    1266 0
drm_kms_helper   20877 1 radeon
nsc_ircc        11360 0
ipw2100         56456 0
parport_pc      15311 0
drm             128411 4 radeon,ttm,drm_kms_helper
snd_seq_oss      22376 0
video           16352 0
parport         17993 1 parport_pc
libipw          20664 1 ipw2100
i2c_algo_bit    4073 1 radeon
snd_seq_midi_event 4958 1 snd_seq_oss
thinkpad_acpi    51631 0
i2c_core        21748 3 radeon,drm,i2c_algo_bit
snd_seq          39378 5 snd_seq_dummy,snd_seq_oss,snd_seq_midi_event
snd_timer       14658 2 snd_pcm,snd_seq
snd_seq_device   4679 3 snd_seq_dummy,snd_seq_oss,snd_seq
snd             41965 9
snd_intel8x0,snd_ac97_codec,snd_pcm_oss,snd_mixer_oss,snd_pcm,snd_seq_oss,snd_seq,snd
_timer,snd_seq_device
output          1605 1 video
soundcore       4835 1 snd
snd_page_alloc   5973 2 snd_intel8x0,snd_pcm
yenta_socket     19341 1
irda            90822 1 nsc_ircc
rfkill          13017 2 thinkpad_acpi
rsrc_nonstatic   7902 1 yenta_socket
crc_ccitt       1225 1 irda
lib80211        4062 1 libipw
reiserfs        189622 1
usb_storage     34260 3

```

```
falcon@sysadmin:~$ ls /lib/modules/`uname -r`/kernel/net/ -R | grep xt_  
xt_CLASSIFY.ko  
xt_cluster.ko  
xt_comment.ko  
xt_connbytes.ko  
xt_connlimit.ko  
xt_connmark.ko  
xt_CONNMARK.ko  
xt_dccp.ko  
xt_dscp.ko  
xt_DSCP.ko  
xt_esp.ko  
xt_hashlimit.ko  
xt_helper.ko  
xt_hl.ko  
xt_HL.ko  
xt_iprange.ko  
xt_LED.ko  
xt_length.ko  
xt_limit.ko  
xt_mac.ko  
xt_mark.ko  
xt_MARK.ko  
xt_multiport.ko  
xt_NFLOG.ko  
xt_NFQUEUE.ko  
xt_NOTRACK.ko  
xt_osf.ko  
xt_owner.ko  
xt_physdev.ko  
xt_pkttype.ko  
xt_policy.ko  
xt_quota.ko  
xt_rateest.ko  
xt_RATEEST.ko  
xt_realm.ko  
xt_recent.ko  
xt_sctp.ko  
xt_socket.ko  
xt_statistic.ko  
xt_string.ko
```

xt\_tcpmss.ko  
xt\_TCPMSS.ko  
xt\_TCPOPTSTRIP.ko  
xt\_time.ko  
xt\_TPROXY.ko  
xt\_TRACE.ko  
xt\_u32.ko

[wiki.openvz.org/Using\\_NAT\\_for\\_container\\_with\\_private\\_IPs#External\\_Links](http://wiki.openvz.org/Using_NAT_for_container_with_private_IPs#External_Links)

Quote:Note: If you get any errors relating to:

iptables: No chain/target/match by that name double check to see if you have all the  
iptables/netfilter modules loaded properly. I had to modprobe xt\_tcpudp before getting it to work.