



Forum: CentOS 4 - Security Support

Topic: "Firewall" NAT...

Subject: Re: "Firewall" NAT...

Posted by: mrpaulo

Posted on: 2009/3/20 0:23:00

Hi ! When I try to ping from 10 net out to internet...

```
C:>ping 200.176.3.142 -t
```

Pinging 200.176.3.142 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Looking at /var/log/messages... I only found this:

```
Mar 19 21:01:09 firewall kernel: device eth1 left promiscuous mode
```

```
Mar 19 21:01:09 firewall kernel: audit(1237510869.049:29): dev=eth1 prom=0 old_prom=256  
aid=4294967295
```

```
Mar 19 21:01:44 firewall kernel: eth1: Promiscuous mode enabled.
```

```
Mar 19 21:01:44 firewall kernel: device eth1 entered promiscuous mode
```

```
Mar 19 21:01:44 firewall kernel: audit(1237510904.651:30): dev=eth1 prom=256 old_prom=0  
aid=4294967295
```

I also.. tcpdump'ed my eth1 (192.168.0.5) interface... look what I found:

```
21:08:27.322283 IP 10.0.0.2 > www.terra.com.br: ICMP echo request, id 512, seq 63233, length 40
```

```
21:08:27.322723 IP 192.168.0.1 > 10.0.0.2: ICMP redirect www.terra.com.br to host dsldevice.lan,  
length 36
```

```
21:08:29.197297 IP 10.0.0.2.63033 > resolver1.telesp.net.br.domain: 36197+ A?
```

```
www.mandrivabrasil.org. (40)
```

```
21:08:29.197357 IP 10.0.0.2.63033 > resolver2.telesp.net.br.domain: 36197+ A?
```

```
www.mandrivabrasil.org. (40)
```

```
21:08:29.197388 IP 10.0.0.2.63033 > 192.168.0.1.domain: 36197+ A? www.mandrivabrasil.org. (40)
```

```
21:08:29.197785 IP 192.168.0.1 > 10.0.0.2: ICMP redirect resolver1.telesp.net.br to host  
dsldevice.lan, length 36
```

```
21:08:29.198119 IP 192.168.0.1 > 10.0.0.2: ICMP redirect resolver2.telesp.net.br to host  
dsldevice.lan, length 36
```

```
21:08:29.241577 IP 192.168.0.1.domain > 10.0.0.2.63033: 36197 1/6/0 A[[domain]
```

```
21:08:32.822533 IP 10.0.0.2 > www.terra.com.br: ICMP echo request, id 512, seq 63489, length 40
```

```
21:08:32.822999 IP 192.168.0.1 > 10.0.0.2: ICMP redirect www.terra.com.br to host dsldevice.lan,  
length 36
```

```
21:08:33.197445 IP 10.0.0.2.63033 > resolver1.telesp.net.br.domain: 36197+ A?
```

www.mandrivabrasil.org. (40)
21:08:33.197508 IP 10.0.0.2.63033 > resolver2.telesp.net.br.domain: 36197+ A?
www.mandrivabrasil.org. (40)
21:08:33.197539 IP 10.0.0.2.63033 > 192.168.0.1.domain: 36197+ A? www.mandrivabrasil.org. (40)
21:08:33.197928 IP 192.168.0.1 > 10.0.0.2: ICMP redirect resolver1.telesp.net.br to host
dsldevice.lan, length 36
21:08:33.198260 IP 192.168.0.1 > 10.0.0.2: ICMP redirect resolver2.telesp.net.br to host
dsldevice.lan, length 36
21:08:33.242398 IP 192.168.0.1.domain > 10.0.0.2.63033: 36197 1/3/1 A[[domain]
21:08:38.196620 arp who-has 192.168.0.1 tell 192.168.0.5
21:08:38.196861 arp reply 192.168.0.1 is-at 00:1c:f0:7e:47:5a (oui Unknown)
21:08:38.322664 IP 10.0.0.2 > www.terra.com.br: ICMP echo request, id 512, seq 63745, length 40
21:08:38.323099 IP 192.168.0.1 > 10.0.0.2: ICMP redirect www.terra.com.br to host dsldevice.lan,
length 36
21:08:43.822793 IP 10.0.0.2 > www.terra.com.br: ICMP echo request, id 512, seq 64001, length 40
21:08:43.823234 IP 192.168.0.1 > 10.0.0.2: ICMP redirect www.terra.com.br to host dsldevice.lan,
length 36
21:08:49.323081 IP 10.0.0.2 > www.terra.com.br: ICMP echo request, id 512, seq 64257, length 40
21:08:49.323524 IP 192.168.0.1 > 10.0.0.2: ICMP redirect www.terra.com.br to host dsldevice.lan,
length 36
21:08:54.823152 IP 10.0.0.2 > www.terra.com.br: ICMP echo request, id 512, seq 64513, length 40
21:08:54.823590 IP 192.168.0.1 > 10.0.0.2: ICMP redirect www.terra.com.br to host dsldevice.lan,
length 36

192.168.0.1 is my router
resolver1.telesp.net.br and resolver2.telesp.net.br are my DSL DNS

Looks like I will have to bring my public IP to one of my interfaces, right ?