Luiza Ávila

Captura Linux

```
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.2.200.8  netmask 255.255.0.0  broadcast 10.2.255.255
        inet6 fe80::a00:27ff:fe87:a103  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:87:a1:03  txqueuelen 1000  (Ethernet)
        RX packets 4925  bytes 378919 (370.0 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 136  bytes 13131 (12.8 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

enp0s8: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.52.254  netmask 255.255.255.0  broadcast 192.168.52.255
        inet6 fe80::a00:27ff:fe9c:513b  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:9c:51:3b  txqueuelen 1000  (Ethernet)
        RX packets 519  bytes 47611 (46.4 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 73  bytes 7750 (7.5 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

enp0s9: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.51.254  netmask 255.255.255.0  broadcast 192.168.51.255
        inet6 fe80::a00:27ff:fe1a:eb2c  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:1a:eb:2c  txqueuelen 1000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 72  bytes 7538 (7.3 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

```
 1  gateway (10.2.0.20)  4.600 ms  4.540 ms  4.500 ms
 2  10.0.0.14 (10.0.0.14)  4.418 ms  4.076 ms  4.004 ms
 3  router01.pucmg.br (186.248.79.1)  2.448 ms  3.436 ms  3.394 ms
 4  10.11.0.52 (10.11.0.52)  2.790 ms  2.743 ms  2.274 ms
 5  8.243.39.137 (8.243.39.137)  5.244 ms  5.182 ms  5.178 ms
 6  ae-2-3210.edge6.paris1.level3.net (4.69.143.178)  199.056 ms  198.910 ms  198.869 ms
 7  213.242.120.70 (213.242.120.70)  195.318 ms  195.466 ms  195.286 ms
 8  sd-mse2-te-0-0-1-7.router.fr.clara.net (212.43.193.120)  196.665 ms sd-mse1-te-0-0-0-7.router.fr.clara.net
 (212.43.193.205)  196.792 ms sd-mse2-te-0-0-1-7.router.fr.clara.net (212.43.193.120)  196.511 ms
 9  sd-ar11-te-0-0-2-0.router.fr.clara.net (212.43.193.145)  196.962 ms  196.836 ms  196.813 ms
10  * * *
11  * * *
12  * * *
13  * * *
14  * * *
15  * * *
16  * * *
17  * * *
```

```
echo "Ativando mascaramento de IP ..............[ OK ]"
/sbin/iptables -A FORWARD -i enp0s3 -o enp0s8 -m state --state ESTABLISHED,RELATED -j ACCEPT
/sbin/iptables -A FORWARD -i enp0s8 -o enp0s3 -m state --state ESTABLISHED,RELATED -j ACCEPT

/sbin/iptables -A FORWARD -i enp0s3 -o enp0s9 -m state --state ESTABLISHED,RELATED -j ACCEPT
/sbin/iptables -A FORWARD -i enp0s9 -o enp0s3 -m state --state ESTABLISHED,RELATED -j ACCEPT

/sbin/iptables -A FORWARD -i enp0s8 -o enp0s9 -m state --state ESTABLISHED,RELATED -j ACCEPT
/sbin/iptables -A FORWARD -i enp0s9 -o enp0s8 -m state --state ESTABLISHED,RELATED -j ACCEPT
#   libero as portas das dus redes
/sbin/iptables -A FORWARD -s 192.168.51.0/24 -p icmp -j ACCEPT
/sbin/iptables -A FORWARD -s 192.168.51.0/24 -p udp --dport 53 -j ACCEPT
/sbin/iptables -A FORWARD -s 192.168.51.0/24 -p tcp --dport 80 -j ACCEPT

/sbin/iptables -A FORWARD -s 192.168.52.0/24 -p icmp -j ACCEPT
/sbin/iptables -A FORWARD -s 192.168.52.0/24 -p tcp --dport 22 -j ACCEPT
/sbin/iptables -A FORWARD -s 192.168.52.0/24 -p udp --dport 53 -j ACCEPT
/sbin/iptables -A FORWARD -s 192.168.52.0/24 -p tcp --dport 80 -j ACCEPT
/sbin/iptables -A FORWARD -s 192.168.52.0/24 -p tcp --dport 443 -j ACCEPT
#libero icmp para fora
```
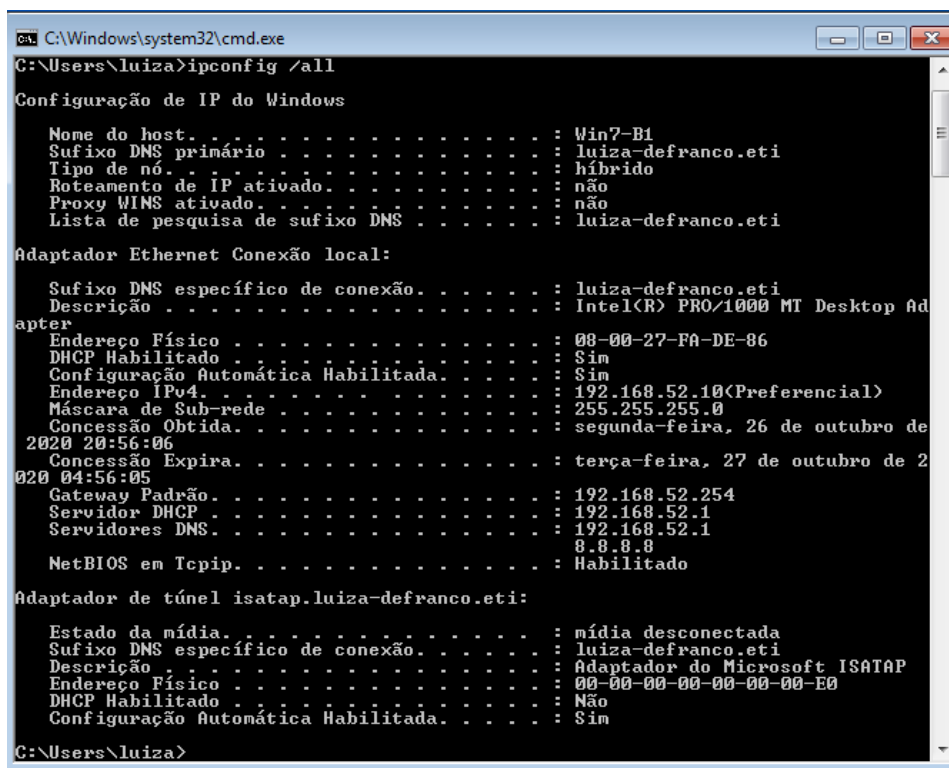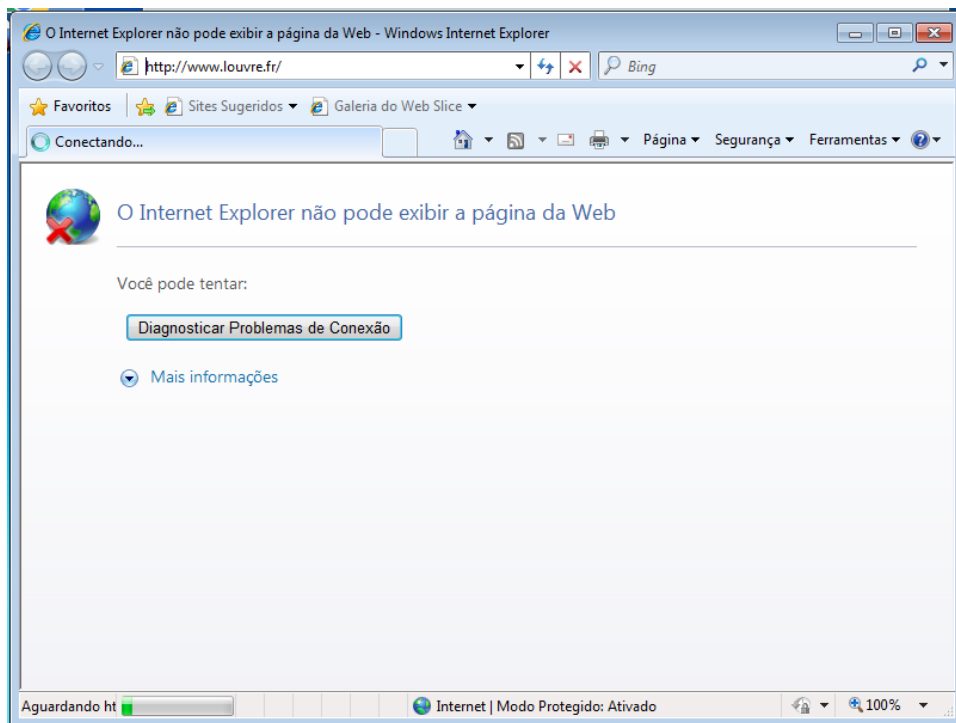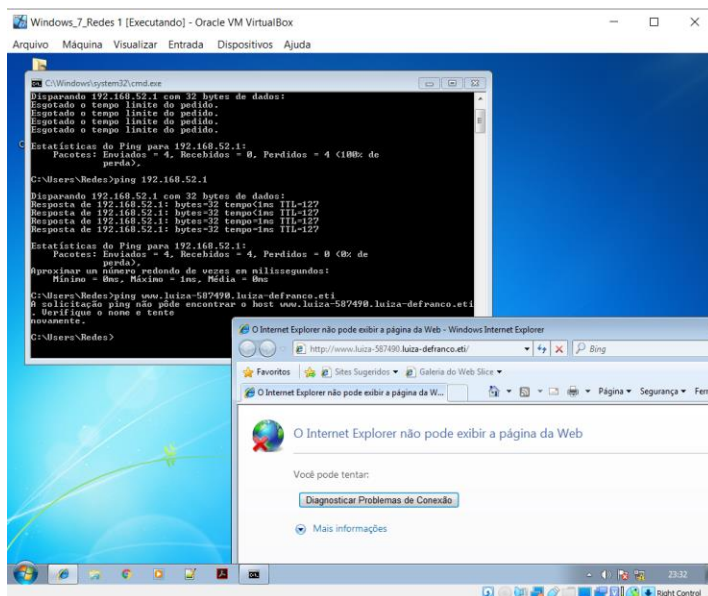
Captura Server
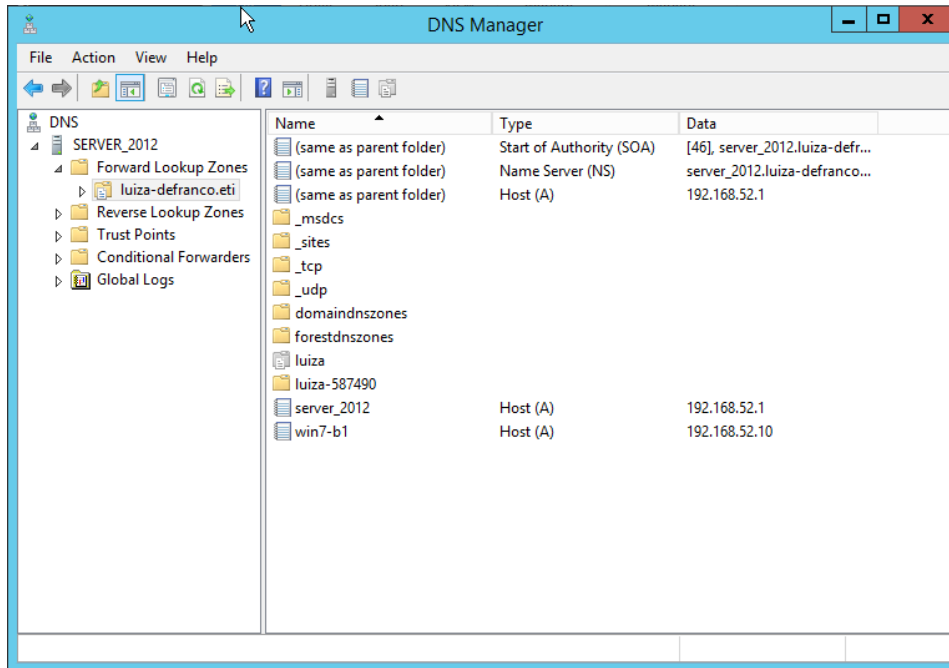
Captura Windows B

Windows A

Não consegui pingar o site, mas consegui pingar o servidor