**Experiencia3**

Sala:i321

Bancada:5

Ligacao de portas:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Computador | Tux1 | Tux2 | Tux4 | |
| Placas de rede | E0 | E0 | E0 | E1 |
| Porta | 1 | 3 | 5 | 7 |

**S1 tux4:**

1. ->ifconfig eth1 down

->ifconfig eth1 up

->ifconfig eth1 172.16.51.253/24

b) echo 1>/proc/sys/net/ipv4/ip-foward

c) (todos os computadores) echo 0>/proc/sys/net/ipv4/icmp\_echo\_ignore\_broadcast

**S2 tux4:**

>Ifconfig

|  |  |  |
| --- | --- | --- |
| Eth0 | 172.16.50.254 | 00:21:5ª:c3:78:70 |
| Eth1 | 172.16.51.253 | 00:c0:df:08:d5:b0 |

**S3**

tux1:

->route add-net 172.16.51.0/24 gw 172.16.50.254

Tux2:

->route add-net 172.16.50.0/24 gw 172.16.51.253

**S4**

Tux1:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Destination | Gateway | Gmask | Flags | Metric | Ref | Use | iface |
| 172.16.50.0 | 0.0.0.0 | 24 | U | 0 | 0 | 0 | Eth0 |
| 172.16.51.0 | 172.16.50.254 | 24 | Ug | 0 | 0 | 0 | Eth0 |

Tux2:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 172.16.50.0 | 172.16.51.253 | 24 | Ug | 0 | 0 | 0 | Eth0 |
| 172.16.51.0 | 0.0.0.0 | 24 | U | 0 | 0 | 0 | Eth0 |

Tux4:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 172.16.50.0 | 0.0.0.0 | 24 | U | 0 | 0 | 0 | Eth0 |
| 172.16.51.0 | 0.0.0.0 | 24 | U | 0 | 0 | 0 | Eth1 |