# Tux64 configuration

Hardware:

* Tux62 eth0 goes in port 3.
* Tux64 eth1 goes in port 4.

Steps:

* ifconfig eth1 up
* ifconfig eth1 172.16.61.253
* echo 1 > /proc/sys/net/ipv4/ip\_forward
* echo 0 > /proc/sys/net/ipv4/icmp\_echo\_ignore\_broadcasts

# Tux64 IP and Mac Address

* Eth0
  + IP: 172.16.60.254
  + Mac: 00:21:5a:c5:61:bb
* Eth1
  + IP: 172.16.61.253
  + Mac: 00:c0:df:04:20:8c

# Adding Routes

* Tux61: route add -net 172.16.61.0/24 gw 172.16.60.254
* Tux62: não é preciso nada acho
* Tux64: route add -net 172.16.61.0/24 gw 172.16.61.253 (fiz também route add default gw 172.16.61.253 mas não sei se faz diferença)

# Route tables

**Tux61**:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Destination | Gateway | Genmask | Flags | Metric | Ref | Use | Interface |
| 172.16.60.0 | 0.0.0.0 | 255.255.255.0 | U | 0 | 0 | 0 | Eth0 |
| 172.16.61.0 | 172.16.60.254 | 255.255.255.0 | UG | 0 | 0 | 0 | Eth0 |

**Tux62**:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Destination | Gateway | Genmask | Flags | Metric | Ref | Use | Interface |
| 172.16.60.0 | 0.0.0.0 | 255.255.0.0 | U | 0 | 0 | 0 | Eth0 |

**Tux64:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Destination | Gateway | Genmask | Flags | Metric | Ref | Use | Interface |
| 0.0.0.0 | 172.16.61.253 | 0.0.0.0 | UG | 0 | 0 | 0 | Eth1 |
| 172.16.0.0 | 0.0.0.0 | 255.255.0.0 | U | 0 | 0 | 0 | Eth0 |
| 172.16.0.0 | 0.0.0.0 | 255.255.0.0 | U | 0 | 0 | 0 | Eth1 |
| 172.16.61.0 | 172.16.61.253 | 255.255.255.0 | UG | 0 | 0 | 0 | Eth1 |