# Connecting the tux’s

Steps:

* T4 (upper ruler) goes to switch console.
* T3 goes to whatever computer you want GtkTerm to run.
* Launch GtkTerm and see which ports are active in each vlan (usually ports 1 and 2 are associated with vlan0 and ports 3 and 4 with vlan1).
* Tux61 Eth0 goes to port 1.
* Tux64 Eth0 goes to port 2.

# Configure tux’s

Steps:

* Tux61
  + Ifconfig eth0 up
  + Ifconfig eth0 172.16.60.1
* Tux64
  + Ifconfig eth0 up
  + Ifconfig 172.16.60.254

# IP and Mac Address of tux’s

* Tux61
  + IP: 172.16.60.1
  + Mac: 00:0f:fe:8c:af:71
* Tux64
  + IP: 172.16.60.254
  + Mac: 00:21:5a:c5:61:bb

# Ping

* Tux61 – ping 172.16.60.254 – accepted
* Tux64 – ping 172.16.60.1 – accepted

# Route and ARP tables

**Tux61:**

Route:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |

ARP: ? (172.16.60.254) at 00:21:5a:c5:61:bb [ether] on eth0

**Tux64:**

Route:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Destination | Gateway | Genmask | Flags | Metric | Ref | Use | Interface |
| 172.16.0.0 | 0.0.0.0 | 255.255.0.0 | U | 0 | 0 | 0 | Eth0 |

ARP:

* ? (172.16.1.1) at <incomplete> on eth0
* ? (172.16.60.1) at 00:0f:fe:8c:af:71 [ether] on eth0

# 10. Logs

See in folder