

Redes de Computadores

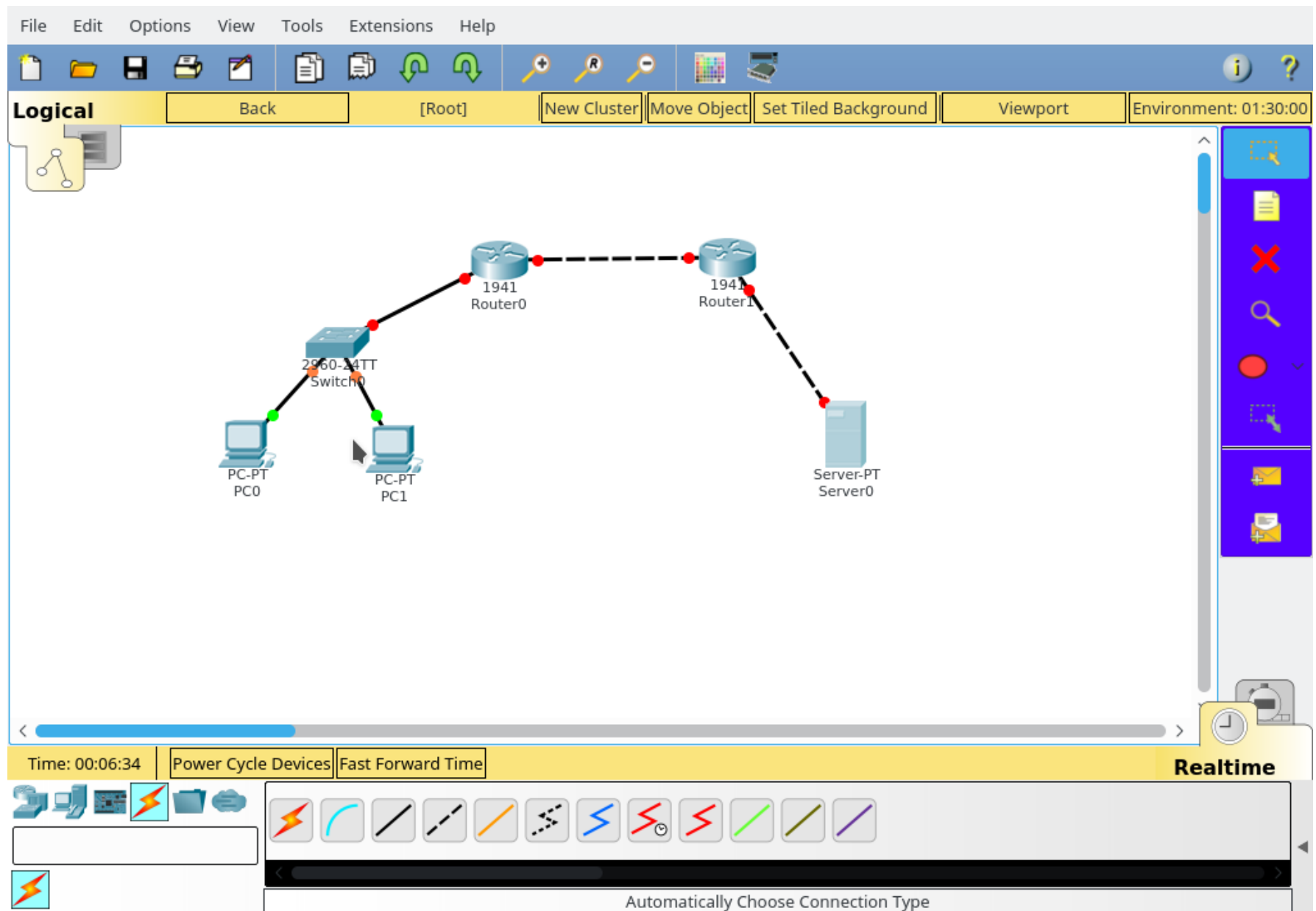
Endereçamento IP
(Introdução ao PacketTracer)

Packet Tracer

Simulador de Redes disponibilizado pela Cisco

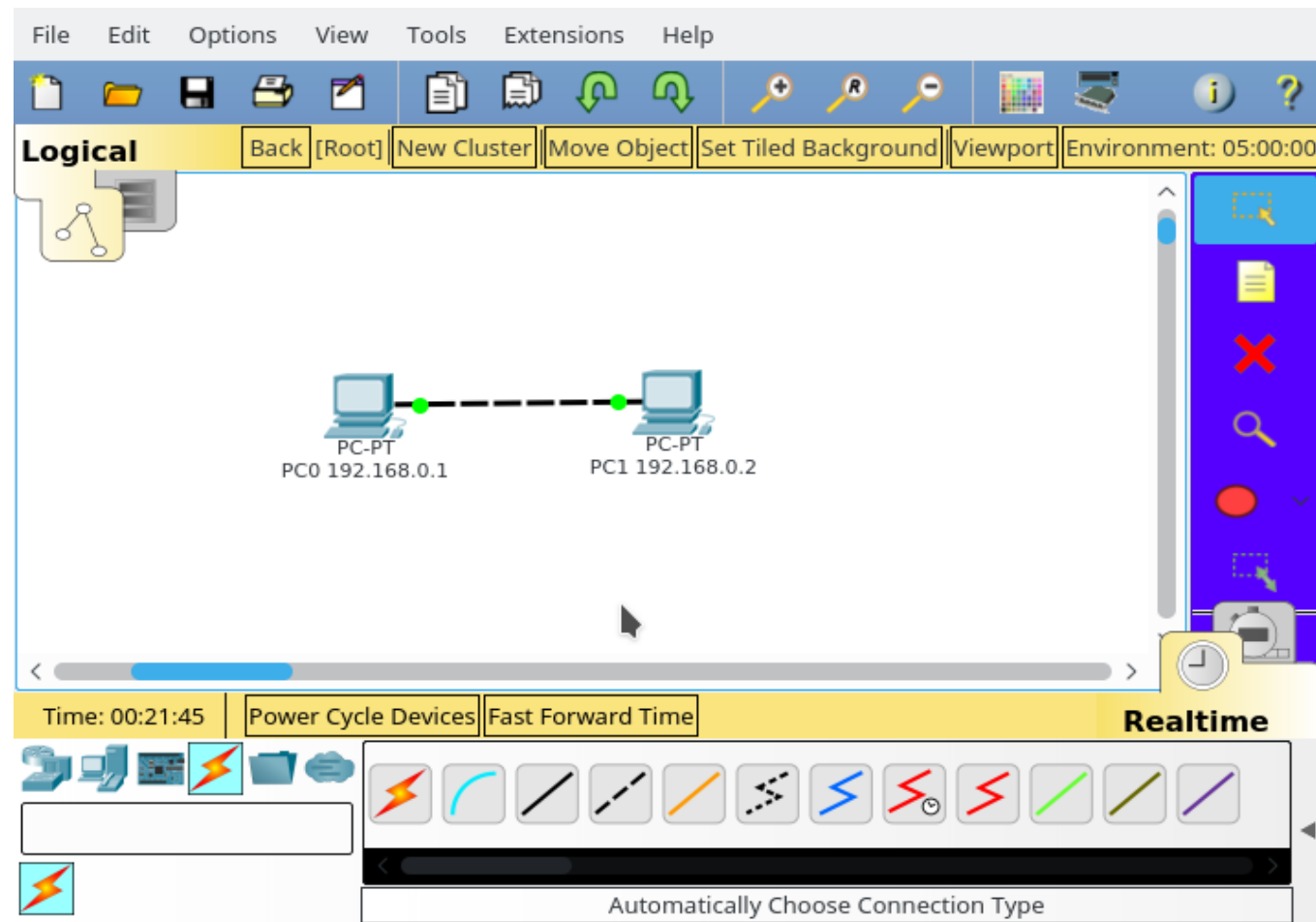


Ambiente de Trabalho



Ligando dois Dispositivos

- PC0: 192.168.0.1/24 (255.255.255.0)
- PC1: 192.168.0.2/24



Configuração das Interfaces

The image shows a network configuration window with several tabs: Physical, Config, Desktop, Attributes, and Software/Services. The 'Config' tab is active. On the left, there is a sidebar with a tree view containing 'GLOBAL', 'Settings', 'Algorithm Settings', 'INTERFACE', and 'FastEthernet0'. The 'FastEthernet0' interface is selected. The main area displays the configuration for 'FastEthernet0'. It includes a 'Port Status' section with a checkbox for 'On' (checked). Below this are 'Bandwidth' (radio buttons for 100 Mbps, 10 Mbps, and Half Duplex), 'Duplex' (radio buttons for Full Duplex and Auto), and 'MAC Address' (text field with value 0010.11A3.356C). The 'IP Configuration' section has radio buttons for DHCP and Static (selected), with text fields for 'IP Address' (192.168.0.1) and 'Subnet Mask' (255.255.255.0). The 'IPv6 Configuration' section has radio buttons for DHCP and Auto Config. A 'Top' button is located at the bottom left.

Physical Config Desktop Attributes Software/Services

GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0010.11A3.356C

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.0.1

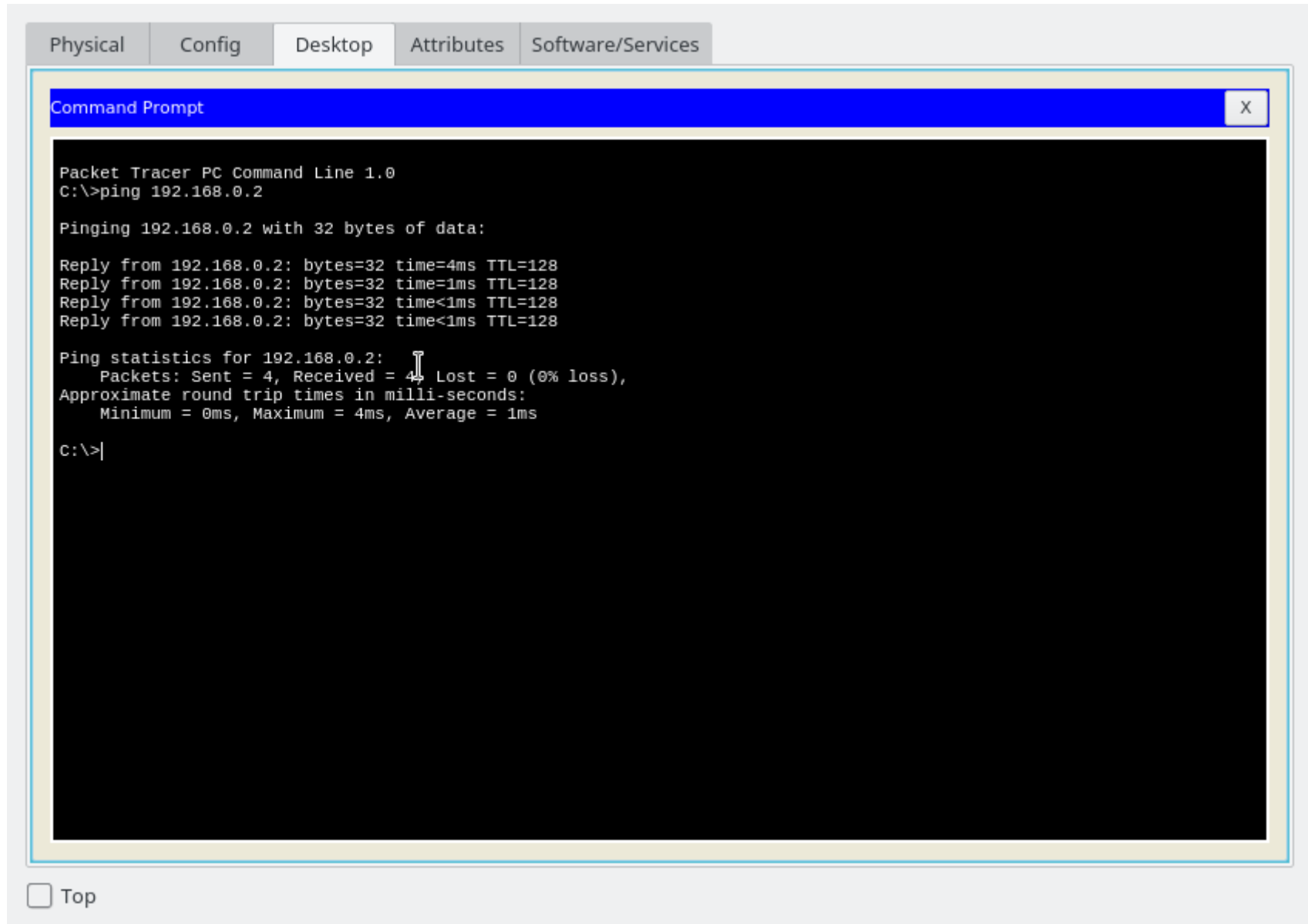
Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP ☐ Auto Config

☐ Top

Teste Básico



Uma Topologia Básica

Equipamentos

Switchs/2900 Series

Hosts: EndDevices/Generic

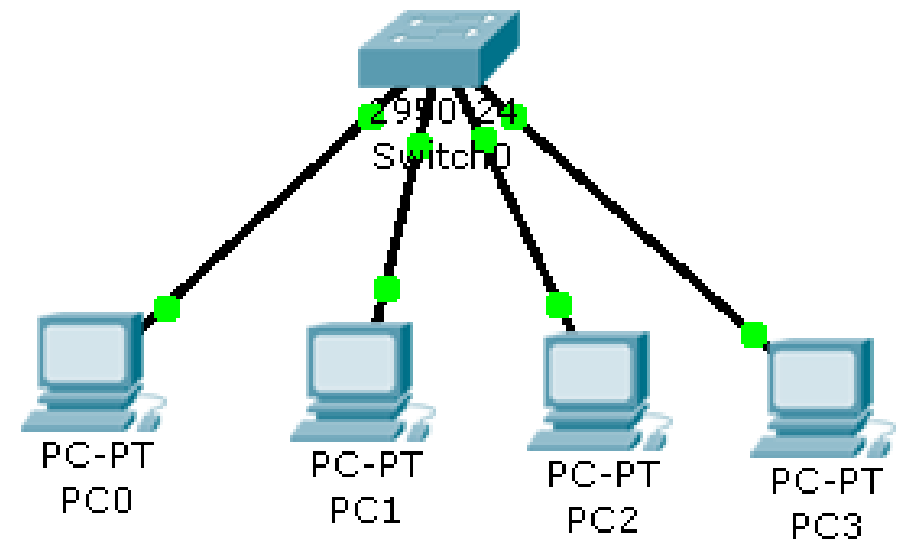
Endereços IP

PC0: 192.168.0.2/24

PC1: 192.168.0.3/24

PC2: 192.168.0.4/24

PC3: 192.168.0.5/24

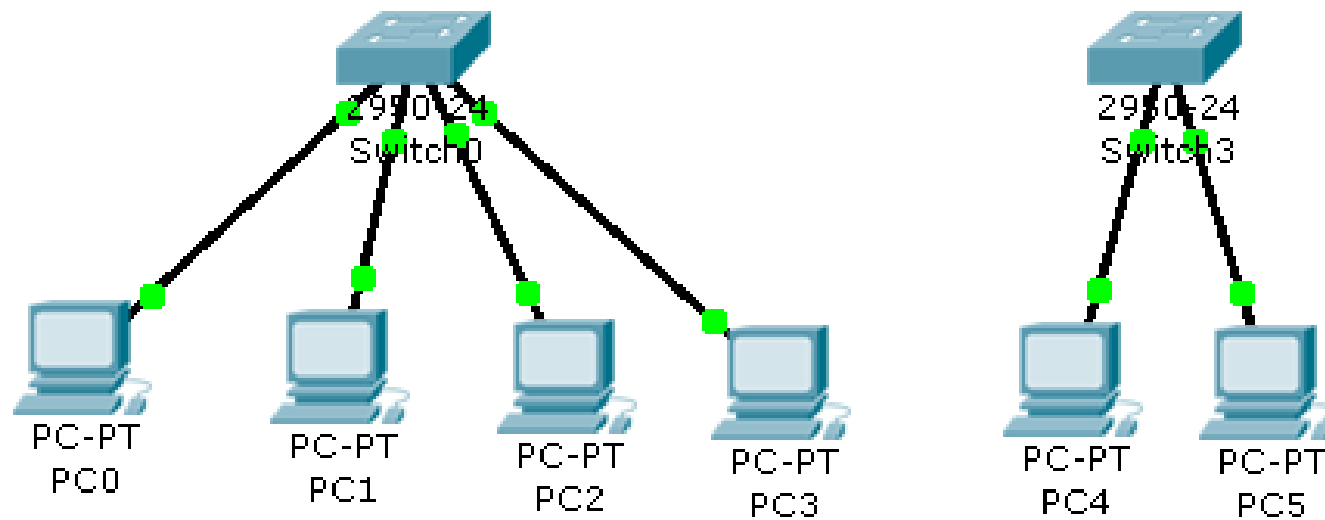


Duas Subredes

Rede 2

PC4: 192.168.1.2/24

PC5: 192.168.1.3/24



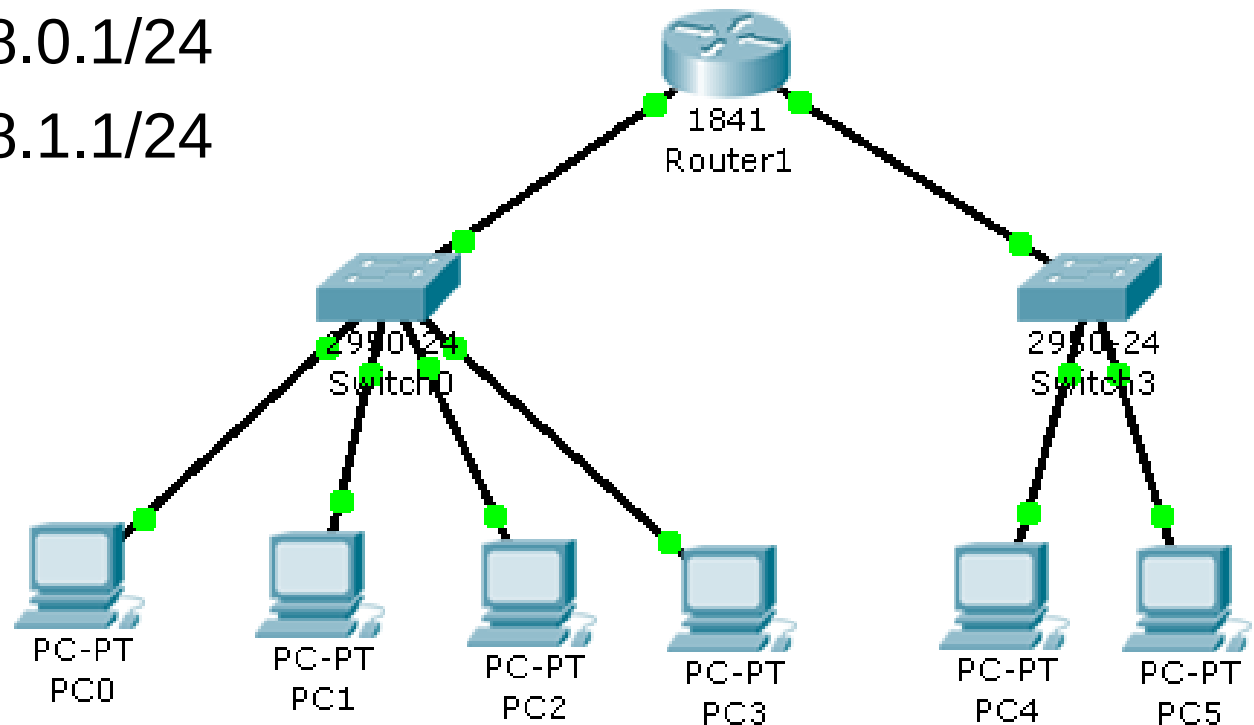
Ligação de duas redes

Equipamento:

Routers/1841

Eth0: 192.168.0.1/24

Eth1: 192.168.1.1/24



Exercício

Construir a seguinte rede:

