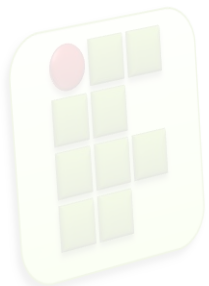




**Instituto Federal de Educação,
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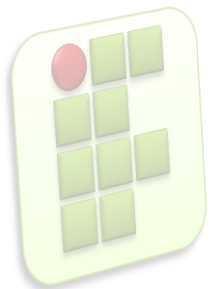
Aplicações de Redes de Computadores

Aula 04 – Apresentação Packet Tracer

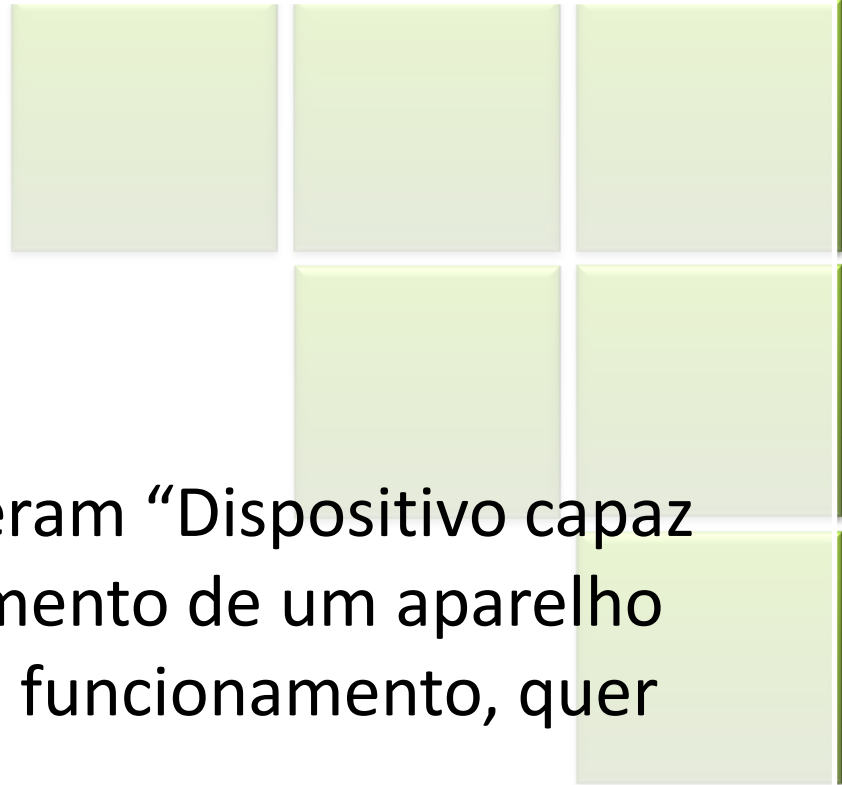


Objetivo

- Conhecer o simulador de redes Cisco Packet Tracer;
- Aprender como utilizar e como está organizado o aplicativo;
- Elaborar o primeiro cenário;

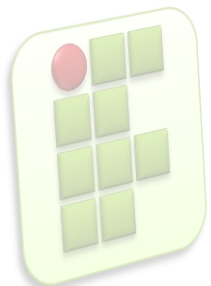


Introdução



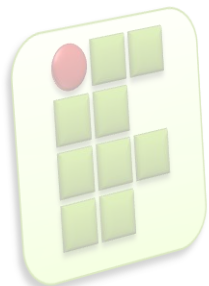
■ Simulador

- Segundo o dicionário Priberam “Dispositivo capaz de reproduzir o comportamento de um aparelho de que se deseja estudar o funcionamento, quer ensinar a utilização, [...]”;
- Software ou dispositivo que simula algum sistema real;



Cisco

- A Cisco Systems, Inc. é uma companhia multinacional sediada em San Jose Califórnia, Estados Unidos.
- A atividade principal da Cisco é o oferecimento de soluções para redes e comunicações quer seja na fabricação e venda;



1985



1990



1996



2002

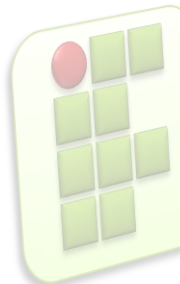


2006

Cisco Packet Tracer

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Mind Wide Open™

Cisco Packet Tracer



Ambiente Cisco PT 5.3.3

The screenshot displays the Cisco Packet Tracer 5.3.3 interface. The main workspace is in the 'Logical' mode, showing a blank canvas with a toolbar on the right containing icons for selection, pan, zoom, and search. The top menu bar includes File, Edit, Options, View, Tools, Extensions, and Help. The bottom status bar shows the time as 00:02:12 and the mode as 'Realtime'. The bottom panel contains a 'Routers' section with icons for various router models (1841, 2620XM, 2621XM, 2800) and a 'Scenario 0' dropdown menu with 'New' and 'Delete' buttons. A 'Toggle PDU List Window' button is also visible.

Time: 00:02:12 | Power Cycle Devices Fast Forward Time

Realtime

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source
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Ambiente Cisco PT 5.3.3

The screenshot displays the Cisco Packet Tracer 5.0 interface. The main workspace is in the 'Logical' view, showing a network diagram area. The top menu bar includes 'File', 'Edit', 'Options', 'View', 'Tools', 'Extensions', and 'Help'. The toolbar contains various icons for file operations and network management. The right sidebar has icons for zooming and other tools. At the bottom, there is a 'Realtime' panel with a clock showing 'Time: 00:10:28' and a 'Power Cycle Devices' button. The device selection panel at the bottom left is highlighted with a red box and contains a 'Routers' category. Two blue boxes with arrows point to the 'Routers' category and the specific device icons within it.

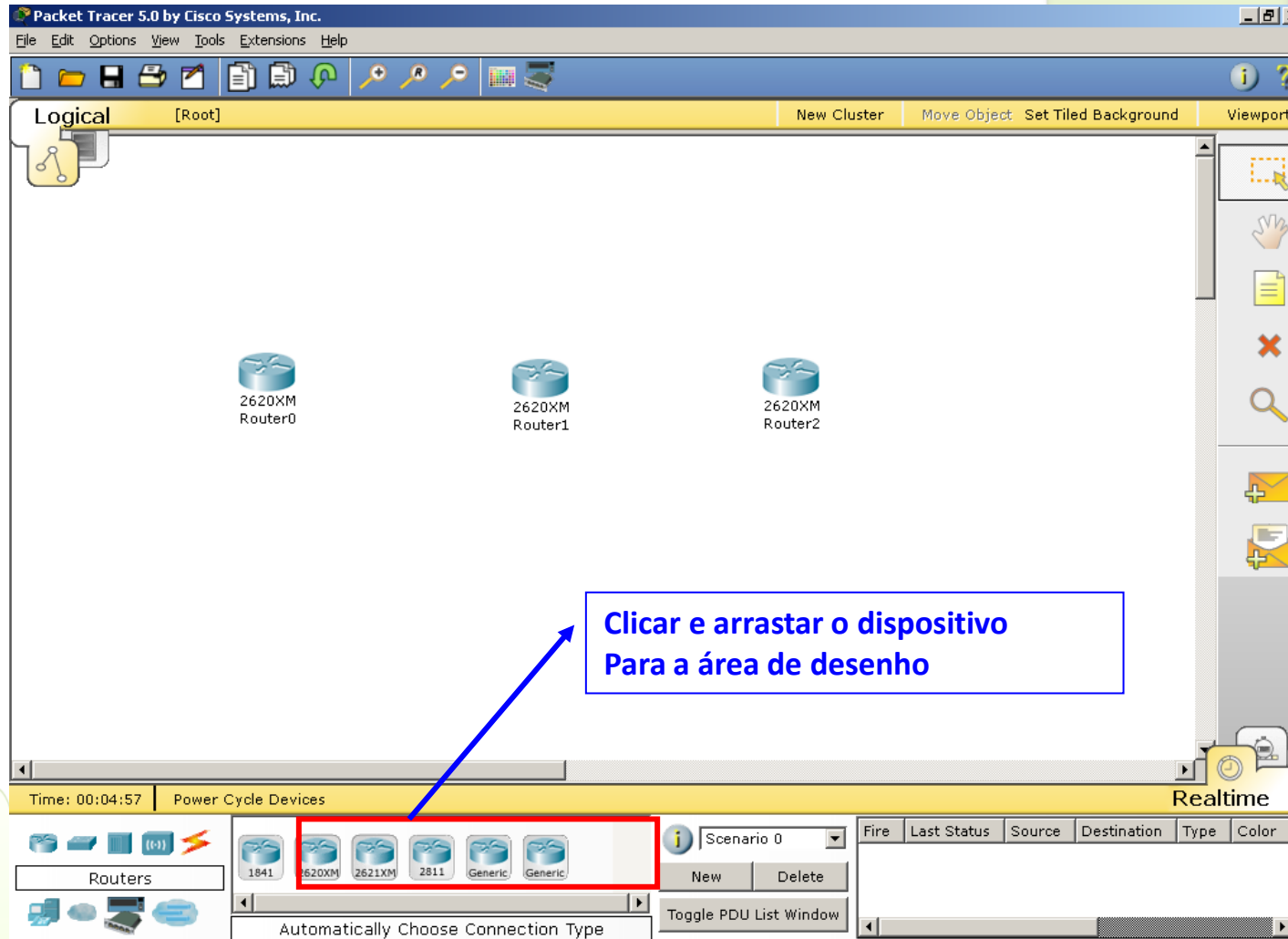
Seleção de categoria de dispositivos

Seleção do dispositivo

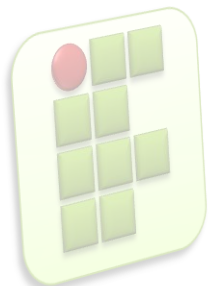
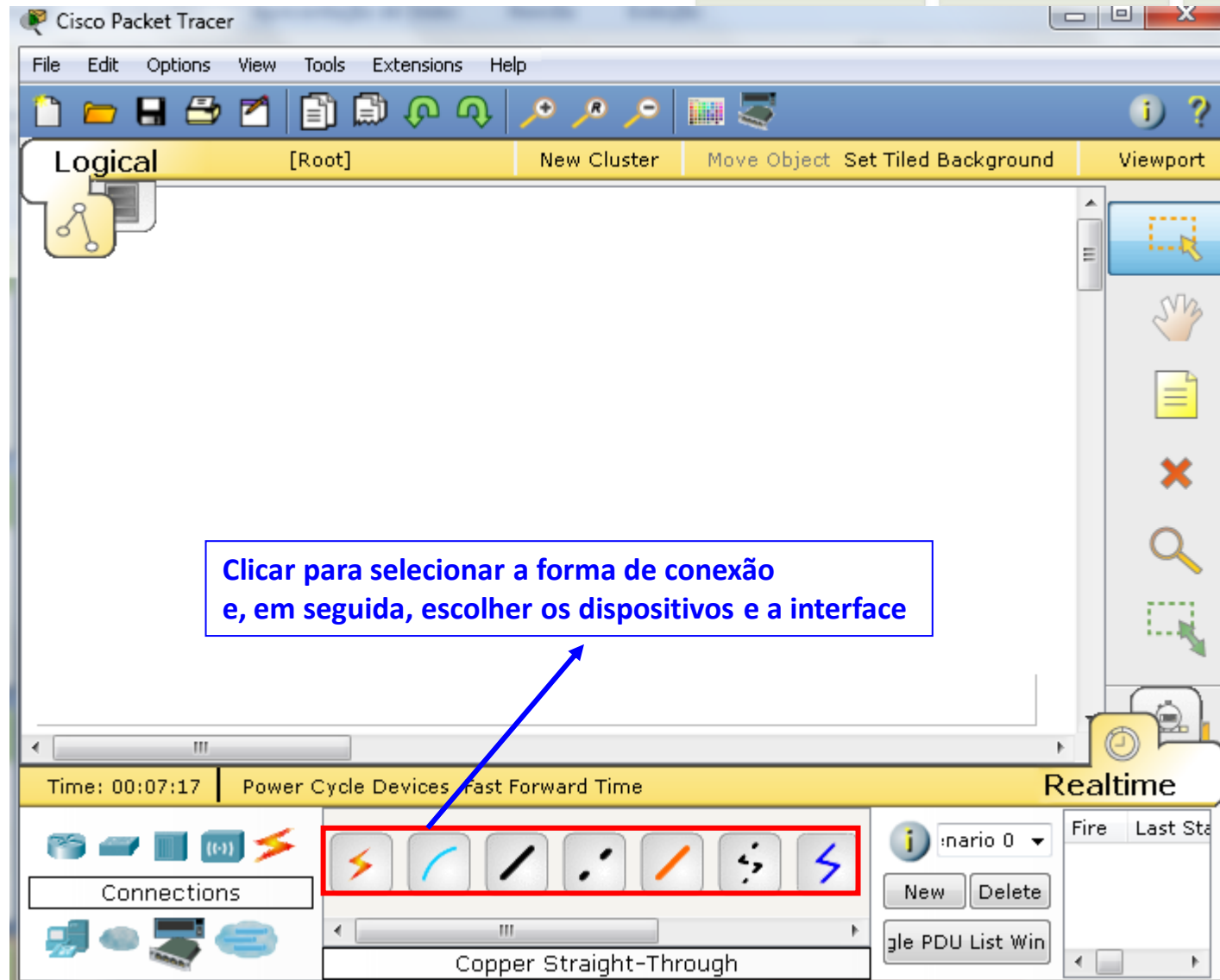
Fire	Last Status	Source	Destination	Type	Color



Ambiente Cisco PT 5.3.3

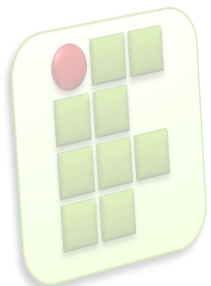
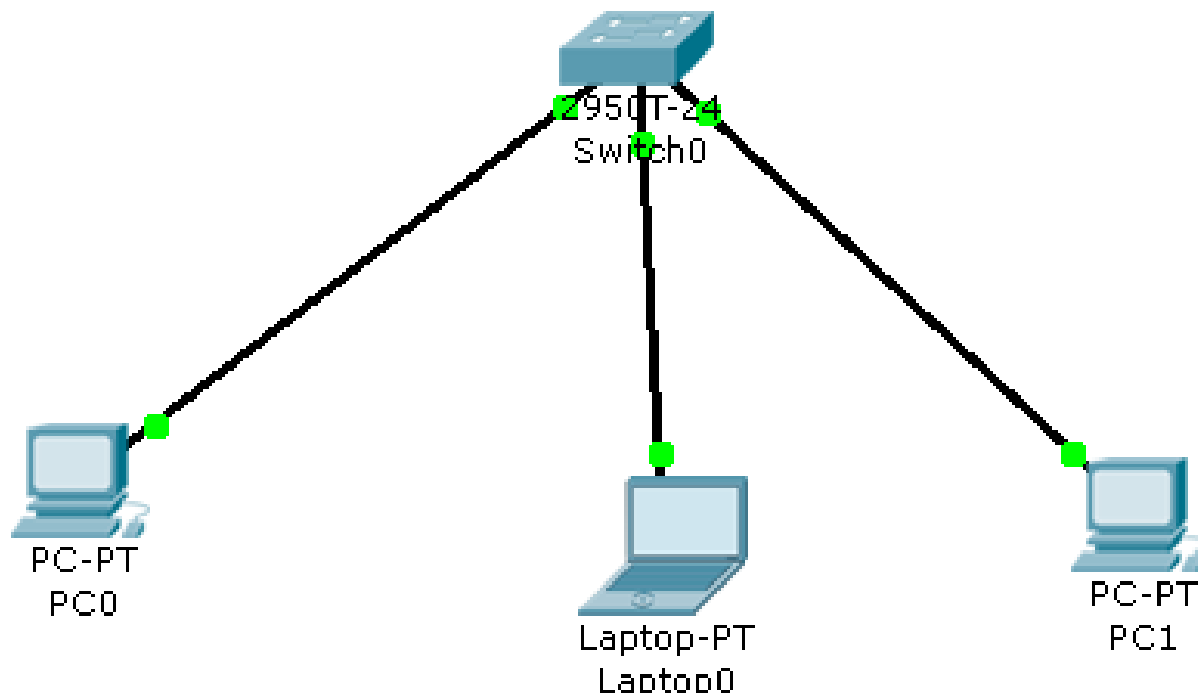


Ambiente Cisco PT 5.3.3



Ambiente Cisco PT 5.3.3

- Faça esse pequeno cenário;
 - Fique atento quanto aos dispositivos utilizados e seus modelos;



Referências

- Comer, Douglas E., Interligação de Redes Com Tcp/ip
- James F. Kurose, Redes de Computadores e a Internet
- Escola Superior de Redes, Arquitetura e Protocolos de Redes TCP/IP
- Escola Superior de Redes, Roteamento avançado

