

EXPERIMENT -3

AIM: To study the Packet tracer tool Installation and User Interface

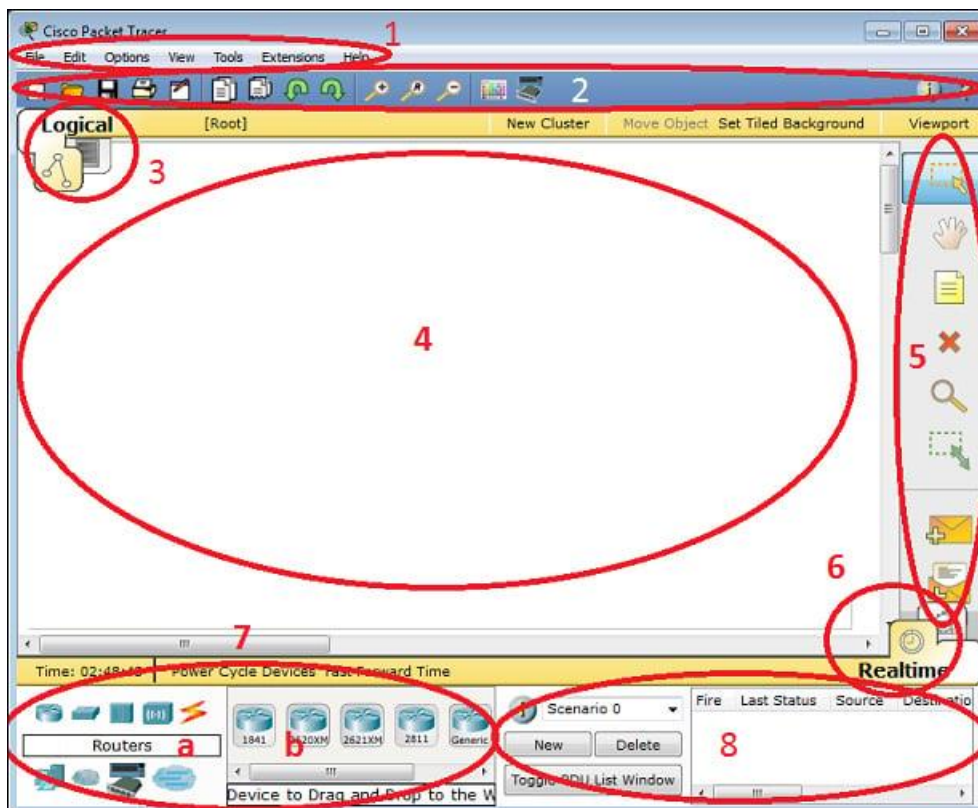
Overview

To understand environment of CISCO PACKET TRACER to design simple network.

USER INTERFACE OVERVIEW:

The layout of Packet Tracer is divided into several components. The components of the Packet

Tracer interface are as follows: match the numbering with explanations.



1. Menu bar – This is a common menu found in all software applications; it is used to open, save, print, change preferences, and so on.
2. Main toolbar – This bar provides shortcut icons to menu options that are commonly accessed, such as open, save, zoom, undo, and redo, and on the right-hand side is an icon for entering network information for the current network.
3. Logical/Physical workspace tabs – These tabs allow you to toggle between the Logical and Physical work areas.

4. Workspace – This is the area where topologies are created and simulations are displayed. 5. Common tools bar – This toolbar provides controls for manipulating topologies, such as select, move layout, place note, delete, inspect, resize shape, and add simple/complex PDU.

6. Real-time/Simulation tabs – These tabs are used to toggle between the real and simulation modes. Buttons are also provided to control the time, and to capture the packets.

7. Network component box – This component contains all of the network and end devices available with Packet Tracer, and is further divided into two areas

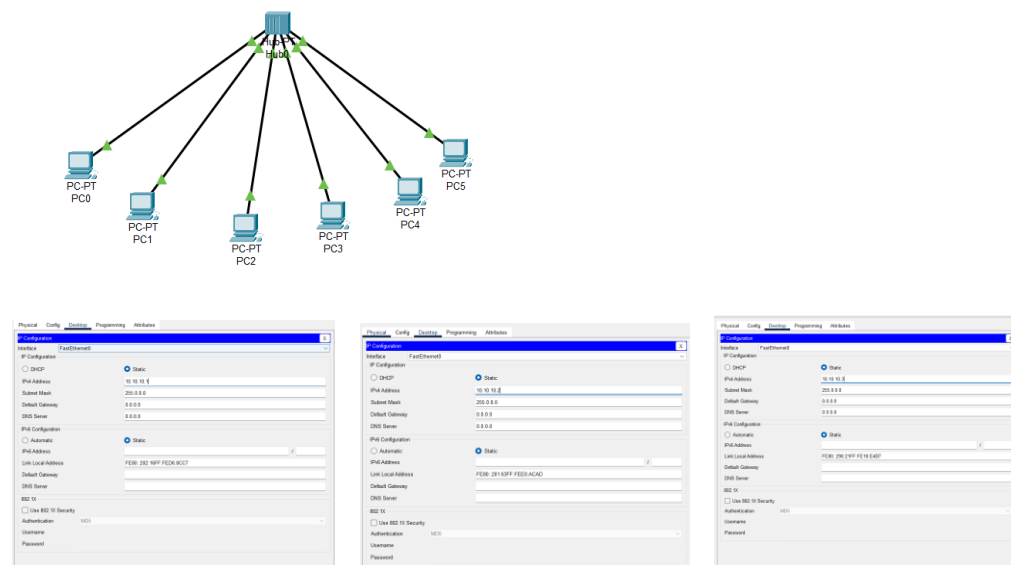
8. Device-type selection box – This area contains device categories

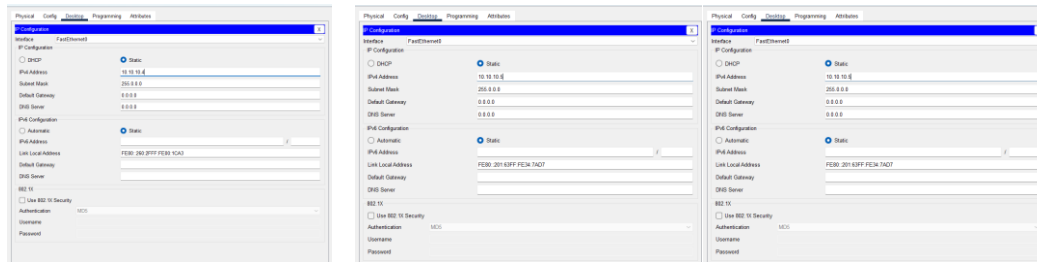
9. Device-specific selection box – When a device category is selected, this selection box displays the different device models within that category

10. User-created packet box – Users can create highly-customized packets to test them topology from this area, and the results are displayed as a list.

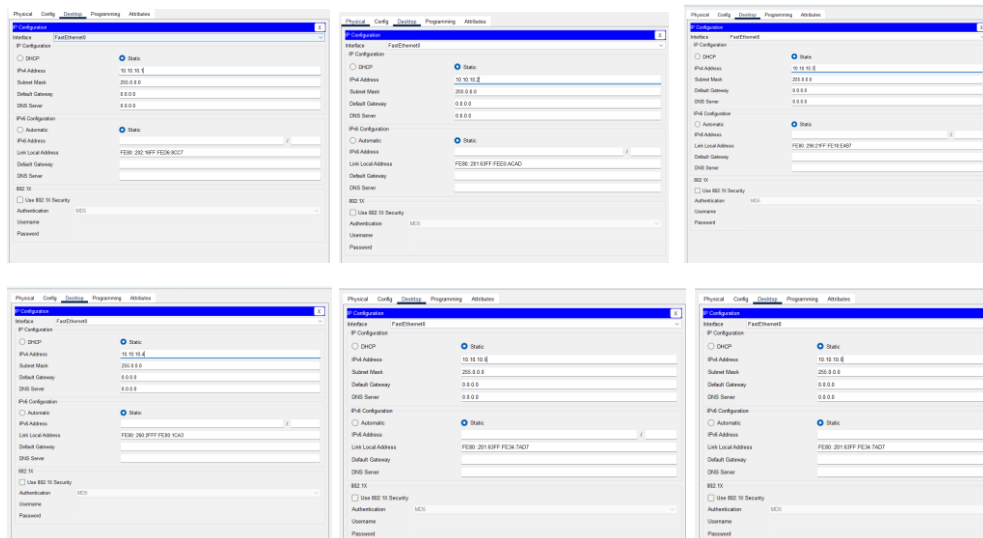
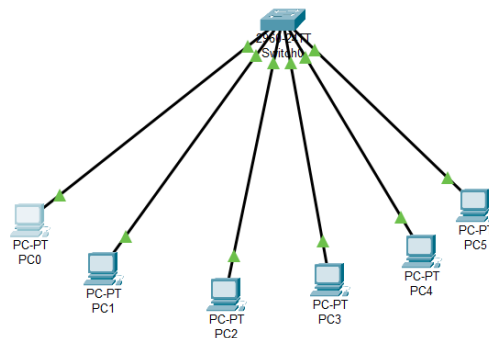
d) Analyse the behaviour of network devices using CISCO PACKET TRACER simulator.

a. 4 Generic PCs and One HUB:





b. 4 Generic PCs and One Switch:



RESULT: -

Cisco packet have been installed successfully and the interface is studied.