LAB-05

Lab Report: Installation of Cisco Packet Tracer on a 64-bit Windows Computer

Introduction

Cisco Packet Tracer is a powerful network simulation tool developed by Cisco Systems. It allows users to simulate the configuration of network devices such as routers and switches, design network topologies, and understand networking concepts. This lab report details the process of installing Cisco Packet Tracer on a 64-bit Windows computer.

Objectives

- To download the latest version of Cisco Packet Tracer compatible with 64-bit Windows.
- To successfully install Cisco Packet Tracer on a 64-bit Windows computer.
- To verify the installation by launching Cisco Packet Tracer.

Procedure

Step 1: Download Cisco Packet Tracer

1. **Visit the Cisco Networking Academy Website:**
    - Open a web browser and navigate to the Cisco Networking Academy website at https://www.netacad.com.
2. **Log in to Your Account:**
    - Click on the "Log In" button located at the top-right corner of the webpage.
    - Enter your credentials (username and password) to access your account.
3. **Navigate to the Packet Tracer Download Section:**
    - Once logged in, go to the "Resources" tab and click on "Download Packet Tracer."
    - Ensure you select the version compatible with your operating system (64-bit Windows).
4. **Download the Installer:**
    - Click on the download link for the latest version of Cisco Packet Tracer for 64-bit Windows.
    - Save the file to a designated location on your computer.

Step 2: Install Cisco Packet Tracer

1. **Locate the Downloaded File:**
    - Navigate to the folder where the installer file was saved.
2. **Run the Installer:**
    - Double-click on the installer file to start the installation process.

    - If prompted by User Account Control (UAC), click "Yes" to allow the installation.
3. **Follow the Installation Wizard:**
    - The installation wizard will launch. Follow the on-screen instructions:
        - Accept the License Agreement.
        - Choose the installation location (default is recommended).
        - Select any additional options such as creating a desktop shortcut.
4. **Complete the Installation:**
    - Click "Install" to begin the installation process.
    - Once the installation is complete, click "Finish" to exit the installer.

Step 3: Verify the Installation

1. **Launch Cisco Packet Tracer:**
    - Double-click the Cisco Packet Tracer icon on your desktop or find it in the Start menu.
2. **Log In and Set Up:**
    - Upon launching, you may be prompted to log in with your Cisco Networking Academy credentials.
    - Complete any initial setup prompts.
3. **Verify Functionality:**
    - To verify that Cisco Packet Tracer is working correctly, create a simple network topology by adding a few network devices such as routers and switches.
    - Test the configuration and simulation to ensure everything functions as expected.

Results

Cisco Packet Tracer was successfully downloaded, installed, and launched on the 64-bit Windows computer. The software functioned correctly, allowing the creation and simulation of network topologies.

Conclusion

This lab report covered the step-by-step installation of Cisco Packet Tracer on a 64-bit Windows computer. The process involved downloading the software from the Cisco Networking Academy website, installing it using the provided installer, and verifying its functionality. The installation was successful, and Cisco Packet Tracer was operational, demonstrating its usefulness as a network simulation tool.

References

- Cisco Networking Academy. (n.d.). Cisco Packet Tracer. Retrieved from https://www.netacad.com.