Computer Networking Lab

Assignment No 03.

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Wireshark & Packet Tracer Installation

Wireshark is an open-source network protocol analyzer that helps us to see what is happening inside a network when we try to communicate with other networks. Currently, Wireshark is the most famous application to analyze networks.

Cisco Packet Tracer is a network simulation tool developed by Cisco Systems. It is widely used for educational and training purposes to simulate computer networks and gain hands-on experience with network configuration and troubleshooting. Packet Tracer allows users to create and configure virtual networks, such as routers, switches, and other networking devices. You can simulate network topologies without the need for physical hardware

Installation process (Ubuntu Linux) :

Wireshark :

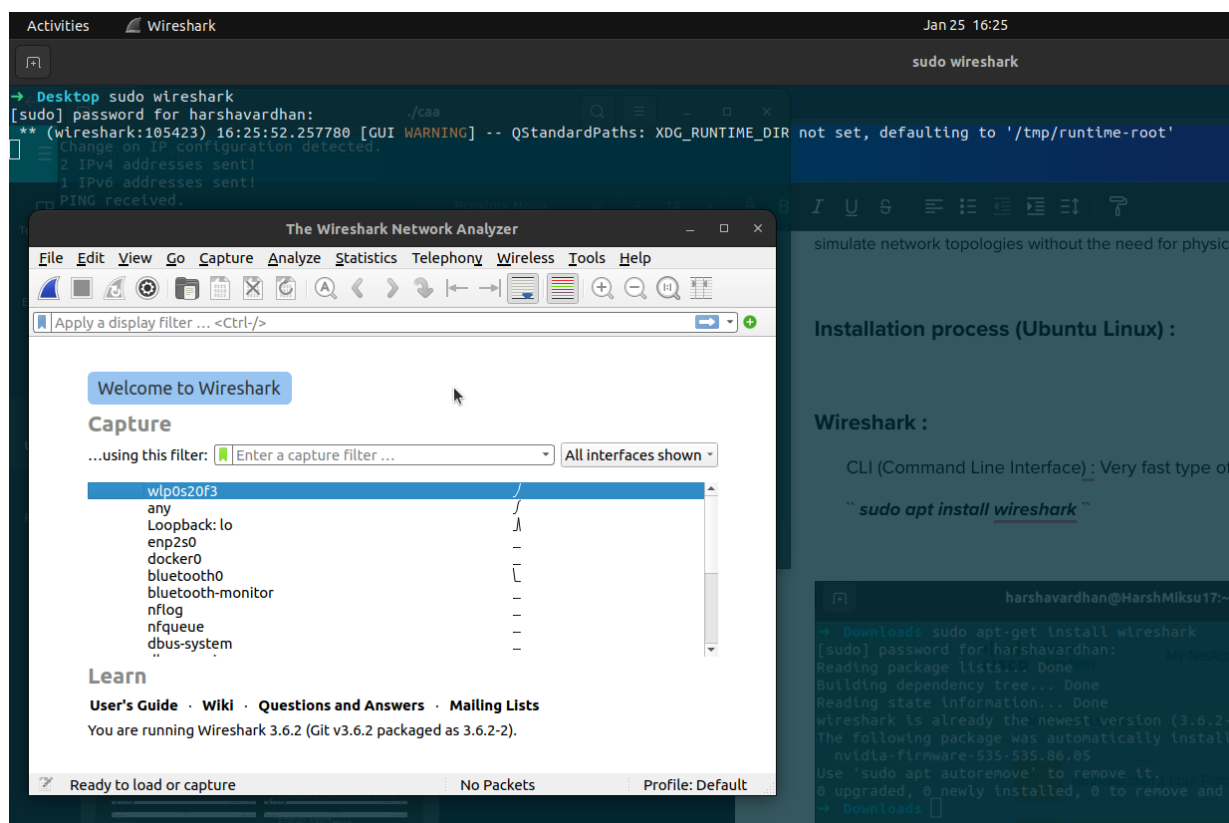**Step 1:** CLI (Command Line Interface): Very fast type of installation, just type the command

``` sudo apt install wireshark ```

Step 2: Now open wireshark by using command `` *sudo wireshark* ``

This is how wireshark looks like

Cisco Packet Tracer :

Step 1: Logging into the Cisco Networking Academy website
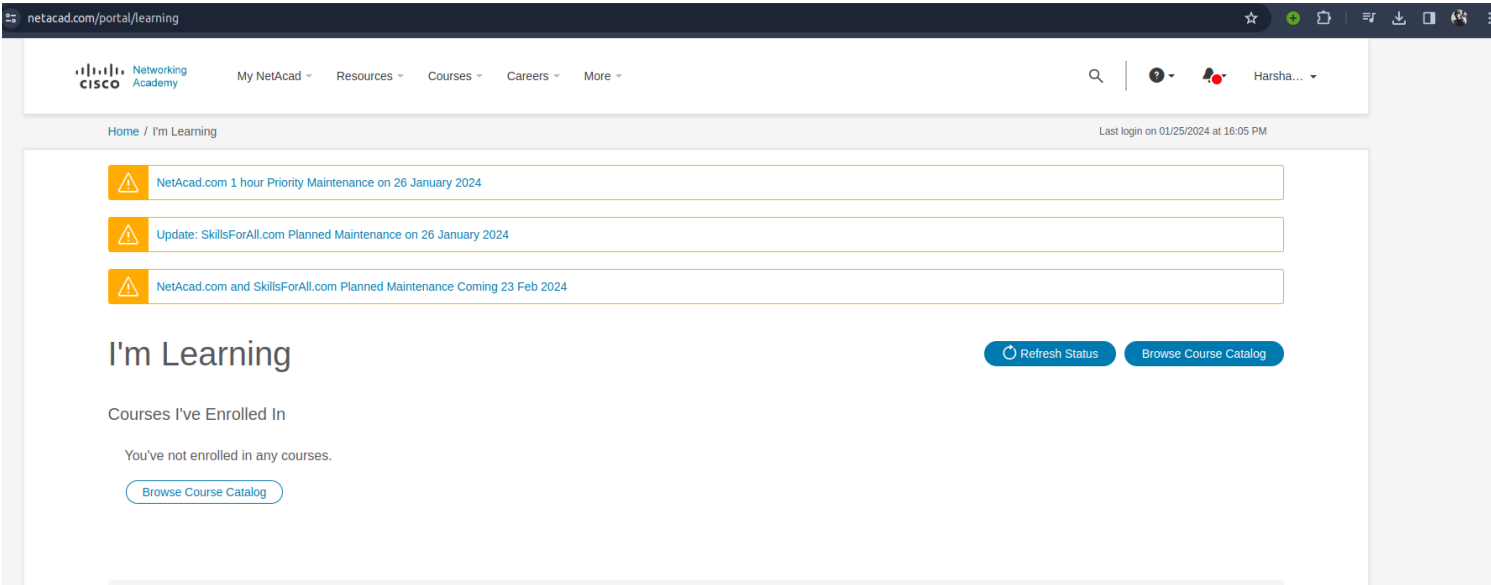
Step 2: The Resource Section
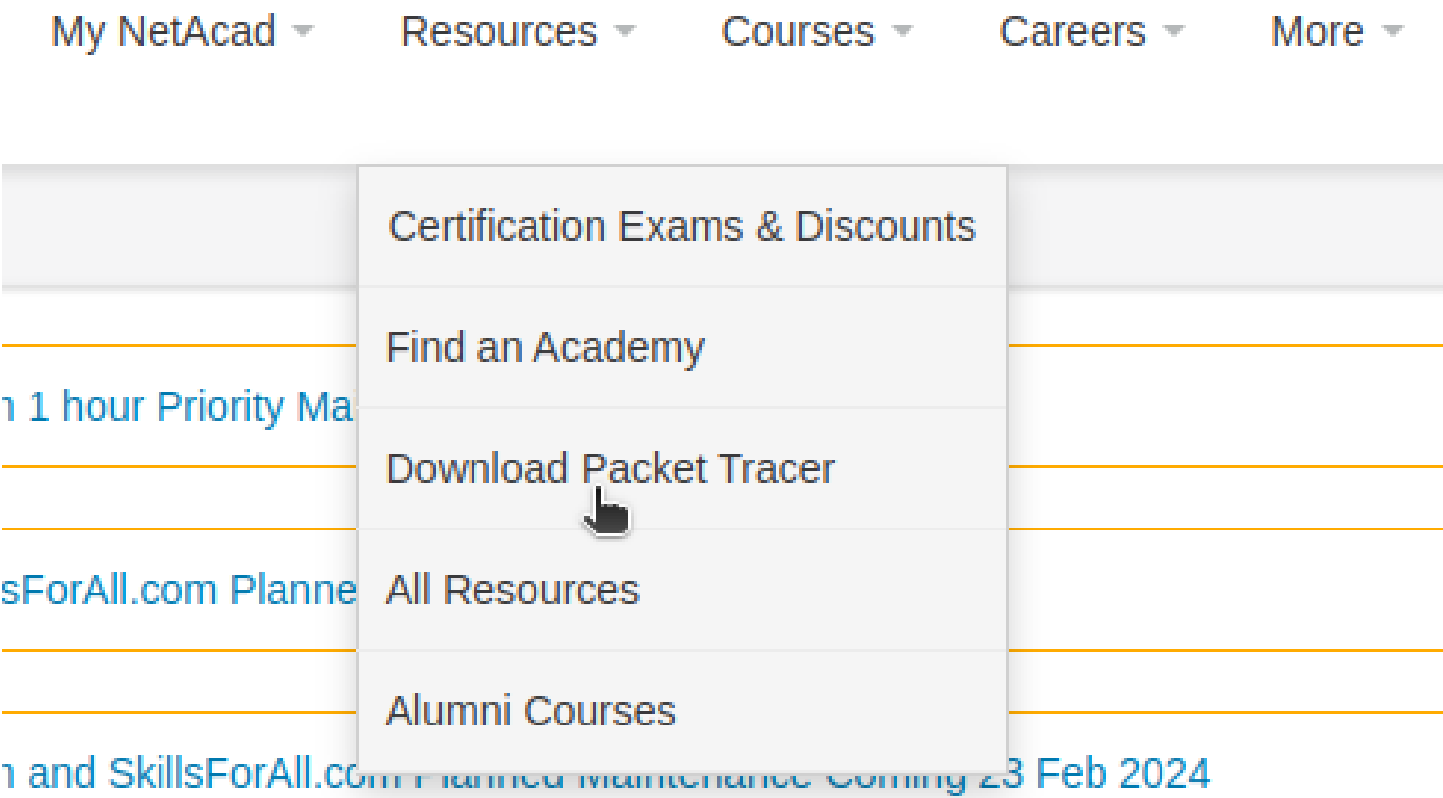
Step 3: Installing the package
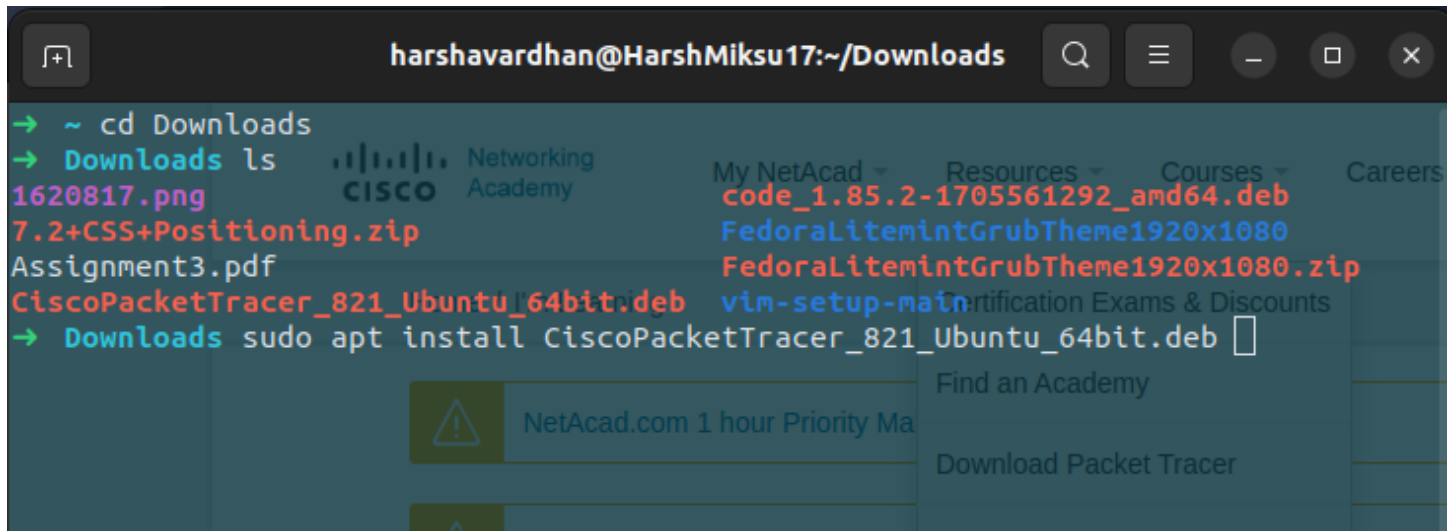
Step 4: Working with Packet Tracer
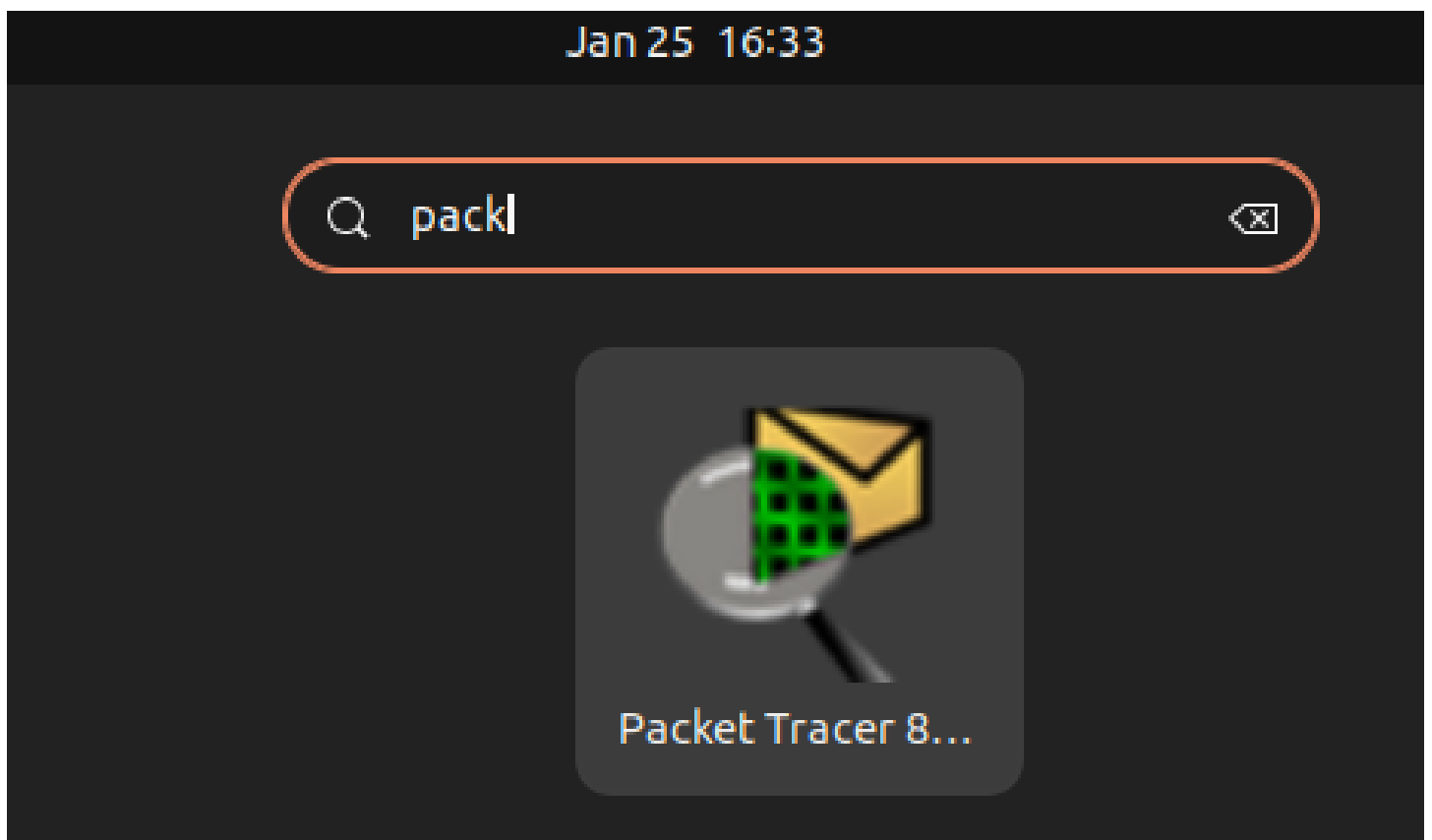
Step 5: Open Packet Tracer