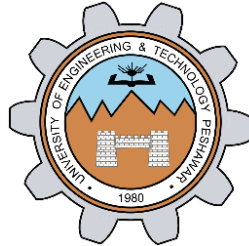


# **INSTALL WIRESHARK**

**Lab #04**



**Spring 2021**

**CSE303L Data Communication and Networks Lab**

Submitted by: **Shah Raza**

Registration No. : **18PWCSE1658**

Class Section: **B**

“On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work.”

Student Signature: \_\_\_\_\_

Submitted to:

**Engr. Faiz Ullah**

Tuesday, June 1, 2021

**Department of Computer Systems Engineering**  
**University of Engineering and Technology, Peshawar**

## CSE 303L: Data Communication and Computer Networks

Credit Hours: 1

| Demonstration of Concepts | <b>Poor (Does not meet expectation (1))</b><br><br>The student failed to demonstrate a clear understanding of the assignment concepts | <b>Fair (Meet Expectation (2-3))</b><br><br>The student demonstrated a clear understanding of some of the assignment concepts     | <b>Good (Exceeds Expectation (4-5))</b><br><br>The student demonstrated a clear understanding of the assignment concepts | <b>Score</b><br><br><b>30%</b> |
|---------------------------|---|---|--|--------------------------------|
| Accuracy                  | The student mis-configured enough network settings that the lab computer couldn't function properly on the network                    | The student configured enough network settings that the lab computer partially functioned on the network                          | The student configured the network settings that the lab computer fully functioned on the network                        | <b>30%</b>                     |
| Following Directions      | The student clearly failed to follow the verbal and written instructions to successfully complete the lab                             | The student failed to follow the some of the verbal and written instructions to successfully complete all requirements of the lab | The student followed the verbal and written instructions to successfully complete requirements of the lab                | <b>20%</b>                     |
| Time Utilization          | The student failed to complete even part of the lab in the allotted amount of time  | The student failed to complete the entire lab in the allotted amount of time  | The student completed the lab in its entirety in the al  | <b>20%</b>                     |

## OBJECTIVES OF THE LAB

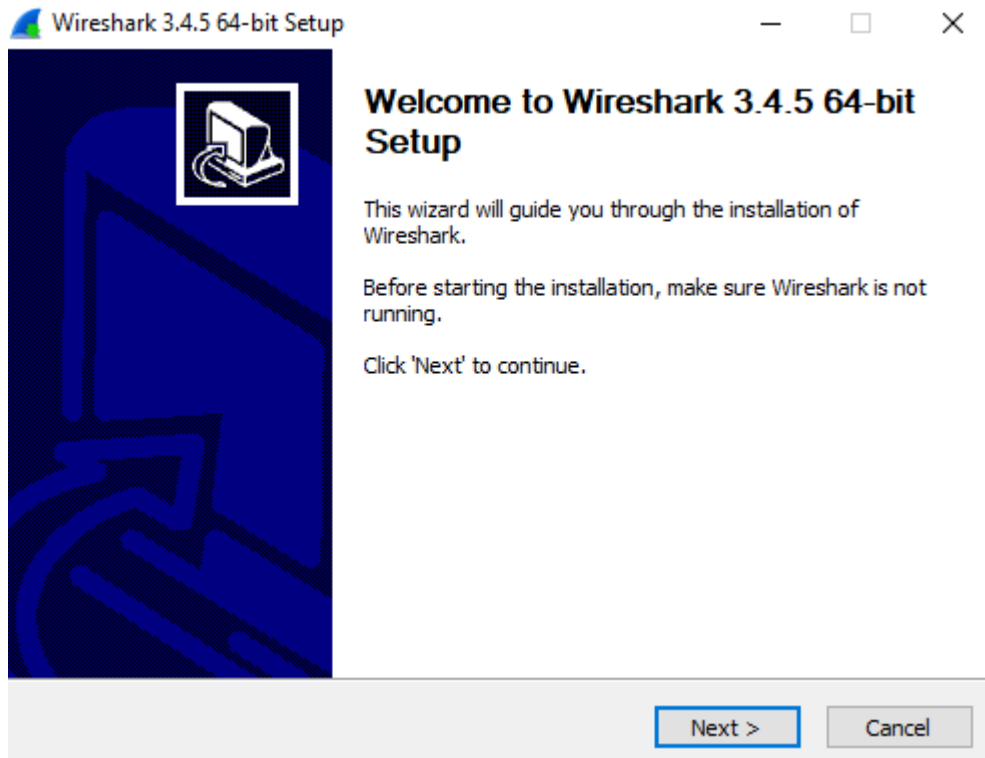
- Download and Install Wireshark

### Steps of Installation:

1. The downloaded file is named Wireshark-win64-x.x.x.exe, where x represents the version number if you downloaded the 64bit version. Double-click the file to start the installation process. Respond to any security messages that may display on your screen. If you already have a copy of Wireshark on your PC, you will be prompted to uninstall the old version before installing the new version. It is recommended that you remove the old version of Wireshark prior to installing another version. Click **Yes** to uninstall the previous version of Wireshark.

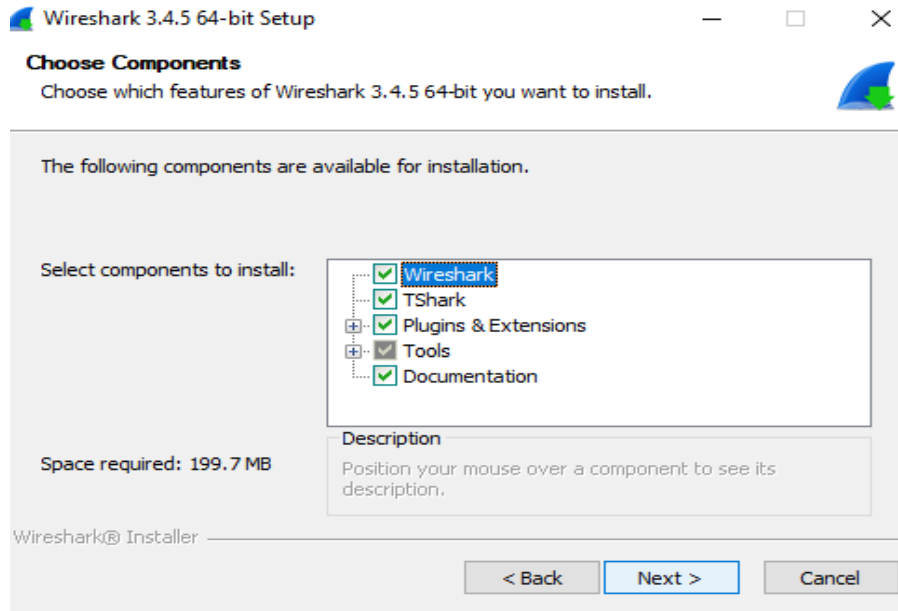
 Wireshark-win64-3.4.5.exe      6/1/2021 6:43 PM      Application      60,035 KB

2. If this is your first time to install Wireshark, or after you have completed the uninstall process, you will navigate to the Wireshark Setup wizard. Click **Next**.

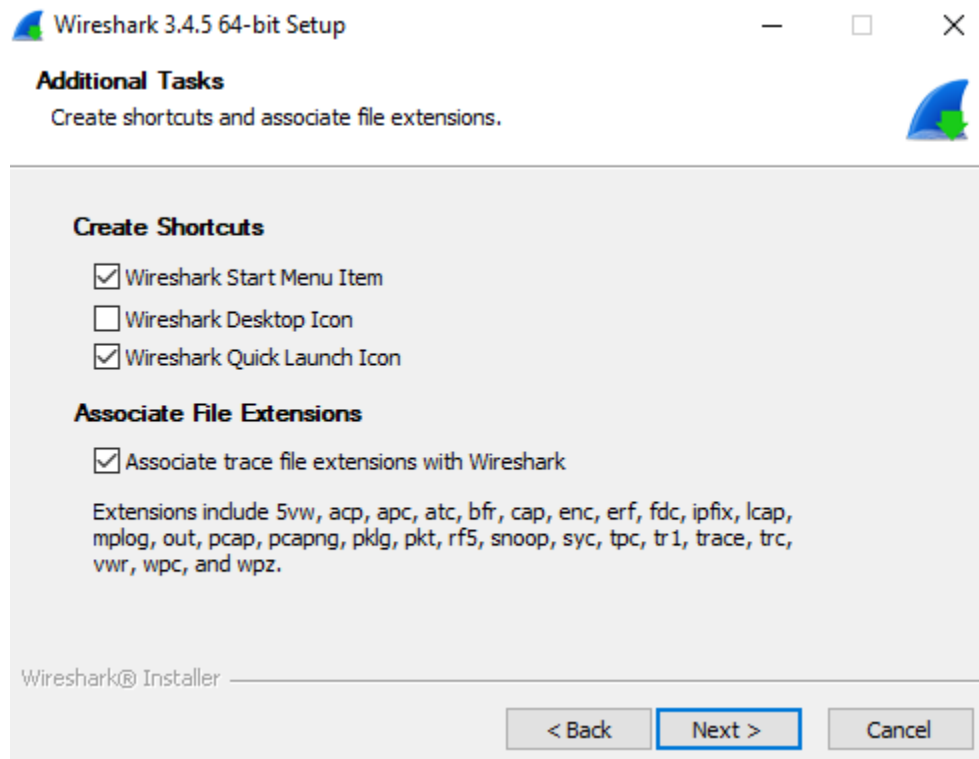


3. Continue advancing through the installation process. Click **I Agree** when the License Agreement window displays.

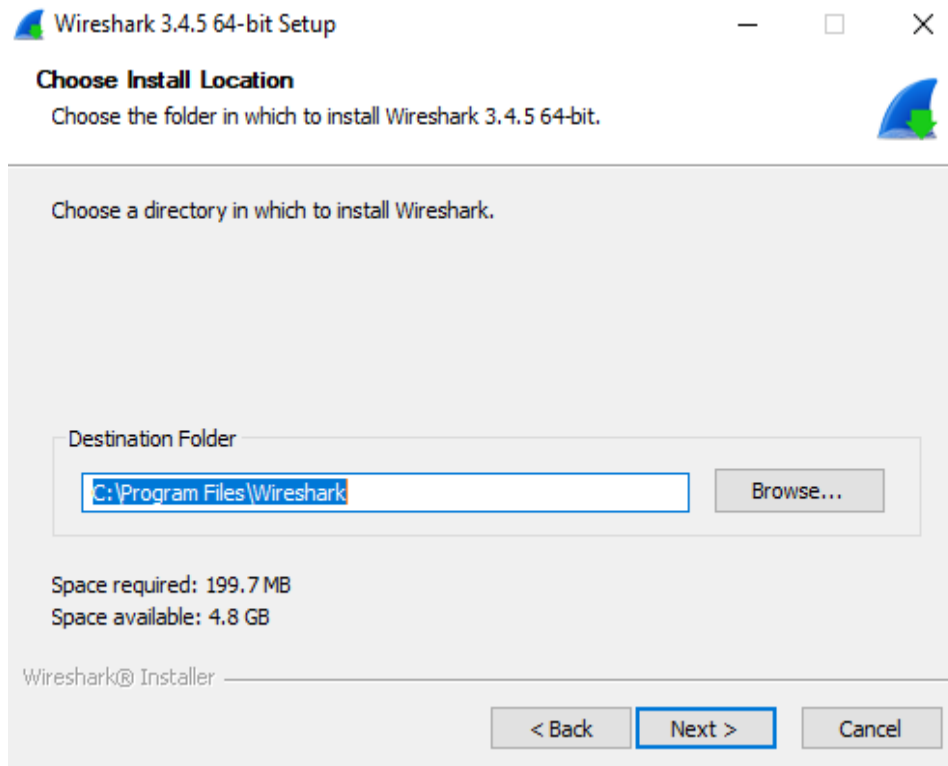
4. Keep the default settings on the Choose Components window and click **Next**.



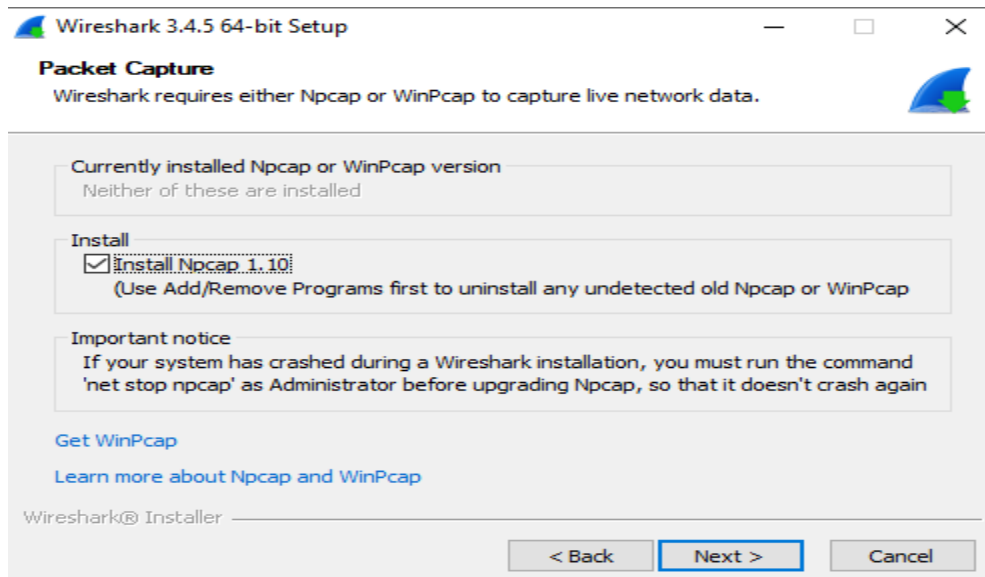
5. Choose your desired shortcut options and click **Next**.



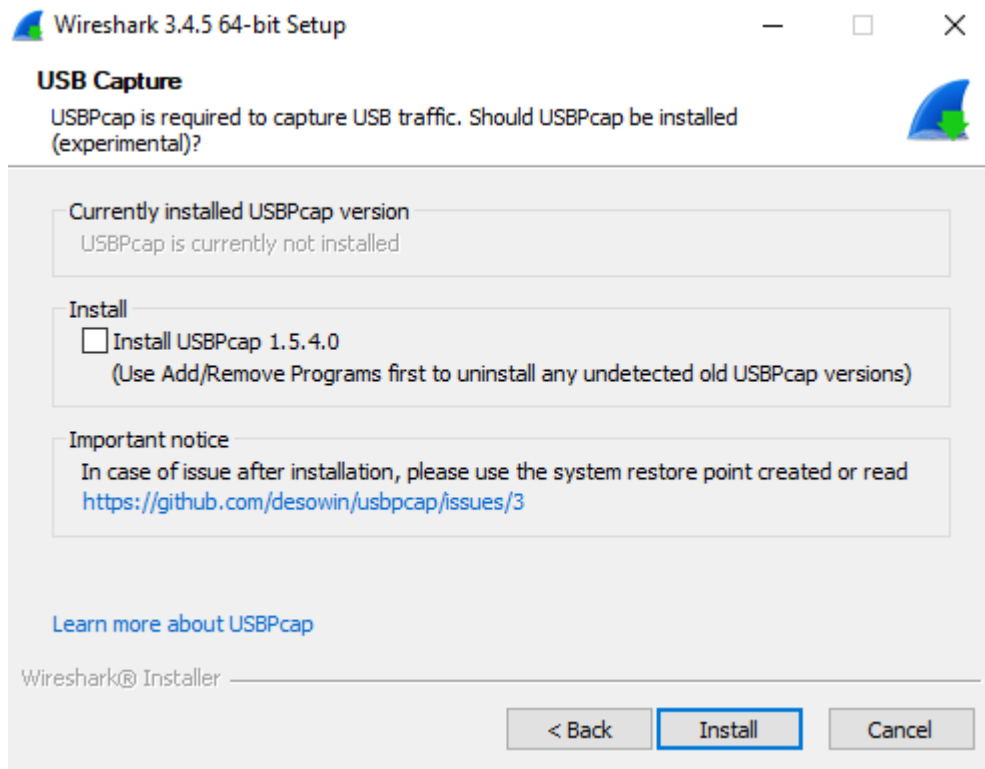
6. You can change the installation location of Wireshark, but unless you have limited disk space, it is recommended that you keep the default location. Click Next to continue.



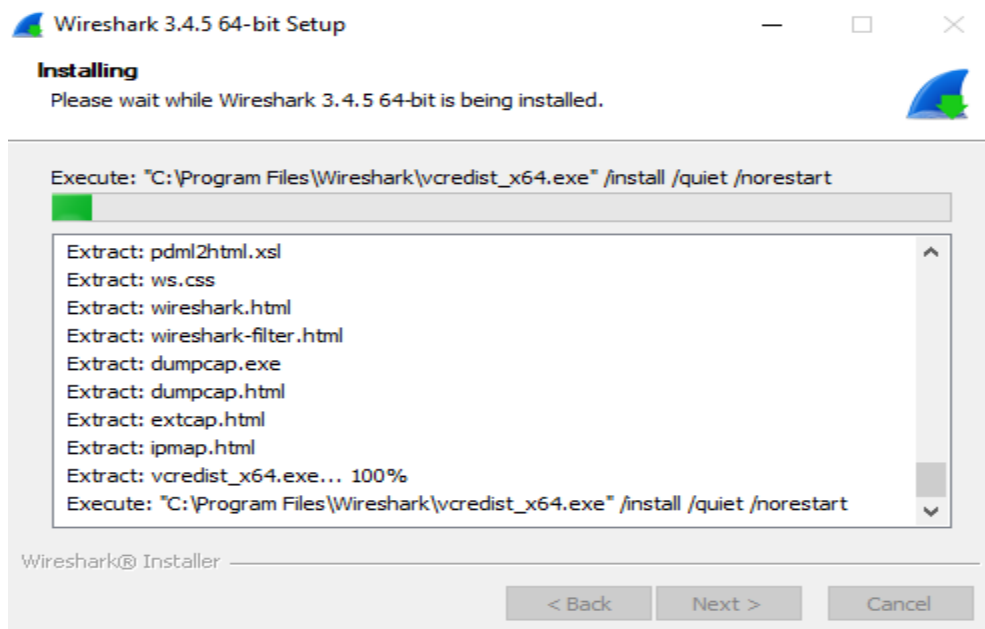
7. To capture live network data, Npcap must be installed on your PC. If Npcap is already installed on your PC, the Install check box will be unchecked. If your installed version of Npcap is older than the version that comes with Wireshark, it is recommended that you allow the newer version to be installed by clicking the Install Npcap x.x.x (version number) check box. Click **Next** to continue.



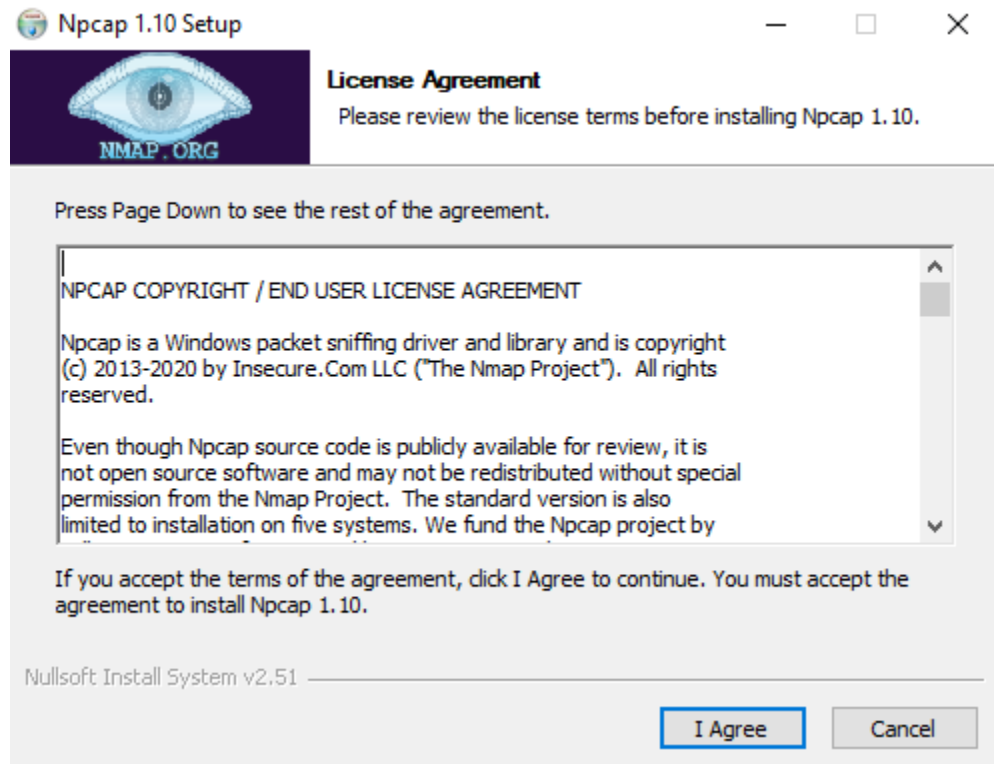
8. Do NOT install USBPcap for normal traffic capture. Do NOT select the checkbox to install USBPcap. USBPcap is experimental, and it could cause USB problems on your PC. Click Install to continue.



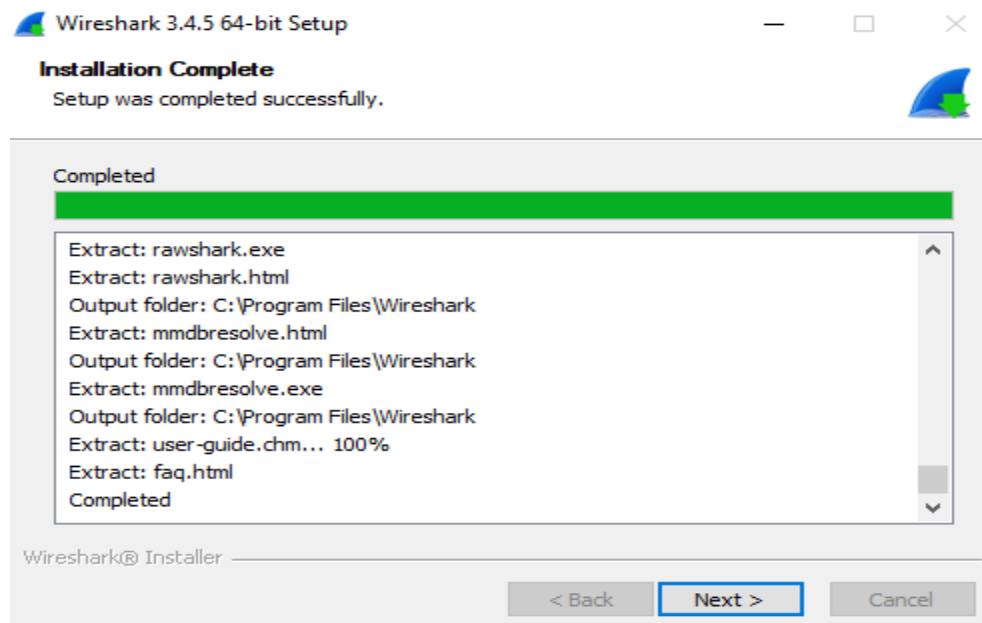
9. Wireshark starts installing its files and displays with the status of the installation.



10. In a separate window, accept the license agreement in the Npcap Setup Wizard if installing Npcap. Click **I Agree** to continue. Click **Install** to install Npcap. Click **Next** to finish the Npcap installation and click **Finish** to exit the Npcap installation.



11. Click **Next** when the Wireshark installation is complete.



12. Click **Finish** to complete the Wireshark install process. Reboot the computer if necessary.

