

Networking and System Administration Lab

Lab Assignment: Wireshark Installation on Ubuntu

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Roll No: 40

RMCA-B Sem-II

1. Command: sudo apt-get install wireshark

```
vimalthomson@vimal-thomson:~$ sudo apt-get install wireshark
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
chromium-codecs-ffmpeg-extra gstreamer1.0-vaapi libgstreamer-plugins-bad1.0-0 libnvidia-cfgi-460 libnvidia-common-460 l
libnvidia-gl-460 libnvidia-ifri-460 libva-wayland2 libx11-xcb1:386 libxnvctrl0 nvidia-compute-utils-460 nvidia-kernel-
xserver-xorg-video-nvidia-460
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
libdouble-conversion3 libpcr2-16-0 libqt5core5a libqt5dbus5 libqt5gui5 libqt5multimedia5 libqt5multimedia5-plugins lib
libqt5sprintsupport5 libqt5svg5 libqt5widgets5 libsmi2ldbl libspandsp2 libwireshark-data libwireshark13 libwiretap10 lib
wireshark-common wireshark-qt
Suggested packages:
qt5-image-formats-plugins qtwayland5 snmp-mibs-downloader geoipupdate geoip-database geoip-database-extra libjs-leaflet
The following NEW packages will be installed:
libdouble-conversion3 libpcr2-16-0 libqt5core5a libqt5dbus5 libqt5gui5 libqt5multimedia5 libqt5multimedia5-plugins lib
libqt5sprintsupport5 libqt5svg5 libqt5widgets5 libsmi2ldbl libspandsp2 libwireshark-data libwireshark13 libwiretap10 lib
wireshark-common wireshark-qt
0 upgraded, 27 newly installed, 0 to remove and 342 not upgraded.
Need to get 32.6 MB of archives.
After this operation, 162 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 libdouble-conversion3 amd64 3.1.5-4ubuntu1 [37.9 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu focal/main amd64 libpcr2-16-0 amd64 10.34-7 [181 kB]
Get:3 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 libqt5core5a amd64 5.12.8+dfsg-0ubuntu1 [2,005 kB]
Get:4 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 libqt5dbus5 amd64 5.12.8+dfsg-0ubuntu1 [208 kB]
```

2. Command: sudo dpkg-reconfigure wireshark-common

```
vimalthomson@vimal-thomson:~$ sudo dpkg-reconfigure wireshark-common
vimalthomson@vimal-thomson:~$
```

3. Command: Select Yes and press enter

```
Configuring wireshark-common
Dnscap can be installed in a way that allows members of the "wireshark" system group to capture packets. This is recommended over the alternative of running Wireshark/Tshark directly as root, because
less of the code will run with elevated privileges.
For more detailed information please see /usr/share/doc/wireshark-common/README.Debian.gz once the package is installed.
Enabling this feature may be a security risk, so it is disabled by default. If in doubt, it is suggested to leave it disabled.
Should non-superusers be able to capture packets?
<Yes> <No>
```

4. Open wireshark from the applist

