

Mawlana Bhashani Science And Technology University

Lab Report

Lab Report No: 08

Lab Report Name: Lab-wireshark-display lecture

Group member ID: IT-18019 and IT-18037

Date of Performance:

Date of Submission:

Submitted by

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3rd Year 2nd Semester Session: 2017-2018 Dept. of ICT,MBSTU

Submitted To

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1. Objectives:

Wireshark is a network protocol analyzer captures network packets displays packet data in details www.wireshark.org
First released in 1998 by Gerald Combs as Ethereal many contributors around the world Open source and free software Graphical alternative to tcpdump

2. Theory:

Powerful tool for troubleshooting network problems examining security problems debugging protocol implementations learning network protocol internals Used in industry and academia

3. Methodology

Wireshark Installation

```
shamin@shamin=HP-ProBook-450-GS: $ sudo add-apt-repository universe
[sudo] password for shamin:
'universe' distribution component is already enabled for all sources.
shamingshamin-HP-ProBook-450-GS: $ sudo apt install wireshark
Reading package lists... Done
Building dependency tree
Reading package lists... Done
Building dependency tree
Reading package lists... Done
The following additional packages will be installed:
|| libc-ares2 libluas.2-0 libminizipi libsmizidbi libspandsp2 libwireshark-data
|| libwiresharki4 libwiretapii libwsutli12 wireshark-common wireshark-qt

Suggested packages

**Suggested package

**Suggested packages

**Suggested packages

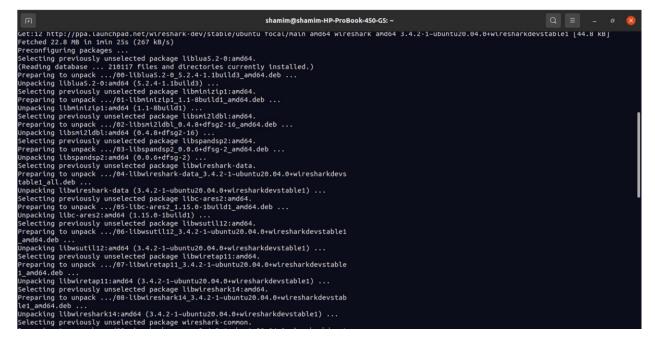
**Suggested packages

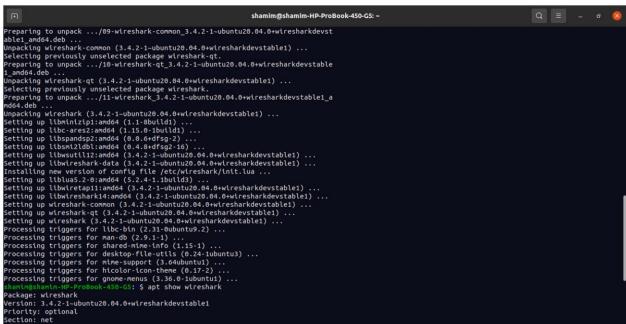
**Suggested packages

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**Suggested package ville be installed:

| libc-ares2 libluas 2-0 libminizipi libsmizipi libsmizipi
| libsmizipi libsmizipi libsmizipi
| libsmizipi libsmizipi
| libsmizipi libsmizipi libsmizipi
| libsmizipi libsmizipi libsmizipi
```





```
Installing new version of config file /etc/wireshark/init.lua ...

Setting up liblua5.2-0:and04 (5.2.4-1.1bull03) ...

Setting up libwiretapii:and06 (3.4.2-1-ubuntu20.04.0+wiresharkdevstable1) ...

Setting up libwiretapii:and06 (3.4.2-1-ubuntu20.04.0+wiresharkdevstable1) ...

Setting up wireshark-comon (3.4.2-1-ubuntu20.04.0+wiresharkdevstable1) ...

Setting up wireshark-comon (3.4.2-1-ubuntu20.04.0+wiresharkdevstable1) ...

Setting up wireshark-qt (3.4.2-1-ubuntu20.04.0+wiresharkdevstable1) ...

Processing triggers for libc-bin (2.31-0bbuntu9.2) ...

Processing triggers for libc-bin (2.31-0bbuntu9.2) ...

Processing triggers for nine-support (3.64ubuntu9) ...

Processing triggers for nine-sup
```

4. Exercises:

