

Assignment #1

Your Name and UIN

Fall 2017

1 SUMMARY

At least half page of summary to discuss what has learned from this module.¹

2 SCREENSHOTS

Attach the screenshots here for the steps which are intentionally left blank in the instruction.¹

3 QUESTIONS

Please answer the following questions:

1. If a packet is highlighted by black, what does it mean for the packet?
2. What is the filter command for listing all outgoing HTTP traffic?
3. Why does DNS use Follow UDP Stream while HTTP use Follow TCP Stream?

¹This is a footnote

4 EXERCISE

Using Wireshark to capture the FTP password

There is an FTP server installed on the **Ubuntu VM**. You need to use a terminal to log into the FTP server from **Internal Kali VM** and use Wireshark to capture the password. The username for the FTP server is *cyse301*, and the password is *password*. You will use the username and password to login the FTP server while Wireshark is running. Note that the FTP server is installed in the local area network, make sure you select the right interface for the capturing. You need to explain to me how you find the password and attach the screenshots to support your explanation.

Have fun!