



Experiment - 10

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Branch: CSE-IS Section/Group: 20BIS1-B

Semester: 5th Semester Date of Performance: 10-11-2022 Subject

Name: Network Defence Essentials Lab

1. Aim/Overview of the practical:

Perform the practical of sniffing tool -Wireshark on Windows.

2. Task to be performed

1. Packet tracing through Wireshark between 2 systems

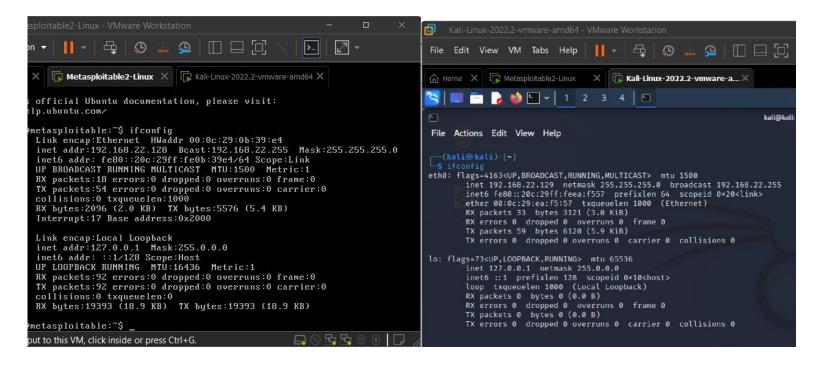
3. Output and screenshots:

I. Packet tracing through Wireshark

Step1:- configure the IP addresses of the systems

Step2:- ping the one system from another. Here the source IP is 192.168.22.128 and the destination IP is 192.168.22.129. as the connection is established correctly, we can see packets information from

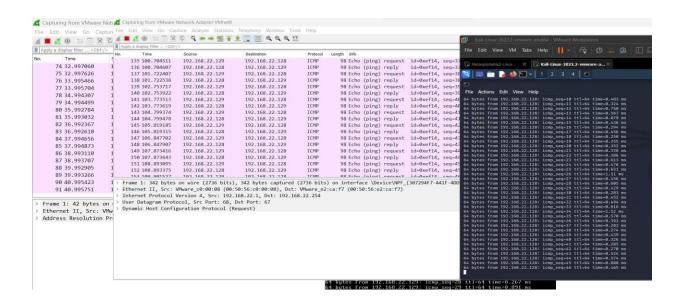
Wireshark



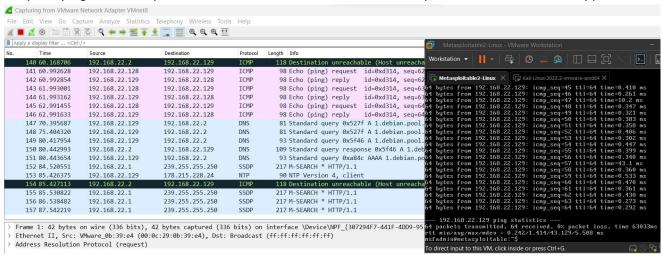








Step3:- to stop the ping command press ctrl+C. we can see in the Wireshark the packets transfer will be stopped.



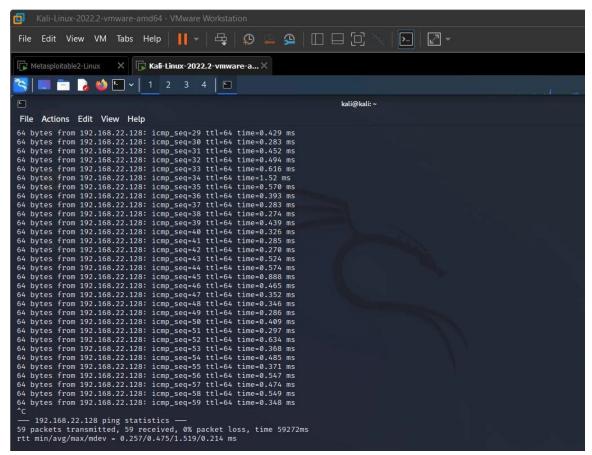
Step4:- repeat step 2 but this time source will be 192.168.22.129 and destination IP is 192.168.22.128 This again confirms the transfer of packets between the network and Wireshark can be used to sniff the packets between the system network.

Step5:- press 'ctrl+c' to stop the ping command









Learning Outcomes:

- 1. DNS security and working of Quad9
- 2. Work with 9.9.9.9
- 3. Packet sniffing through Wireshark

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Conduct		12
2.	Viva		10
3.	Worksheet		8
4.	Total		30

