

Name:

430/530 - Traceroute Lab

Answer the following questions using complete sentences. You may use outside sources to help you formulate responses; however, all answers should be in your own words, and sources should be cited.

DNS Query Activity

	Original Website URL	Original Website IP Address	Discovered IP Address	Machine Name of Discovered IP
Example	www.google.com	172.217.6.4	172.217.6.36	sfo03s08-in-f4.1e100.net.
1				
2				
3				
4				
5				

Screen Capture – DNS query

Screen Capture – Reverse DNS query

Q1: Attacker using nslookup/dig

Packet Routing

Screen Capture – traceroute/tracert

Q2: * * * traceroute results

Network Diagram

Answer the following questions from the lab using complete sentences.

Q3: traceroute/tracert output

Q4: Geographical location

Q5: Routers in the network

Q6: Dynamic routing

Upload your network diagram here.