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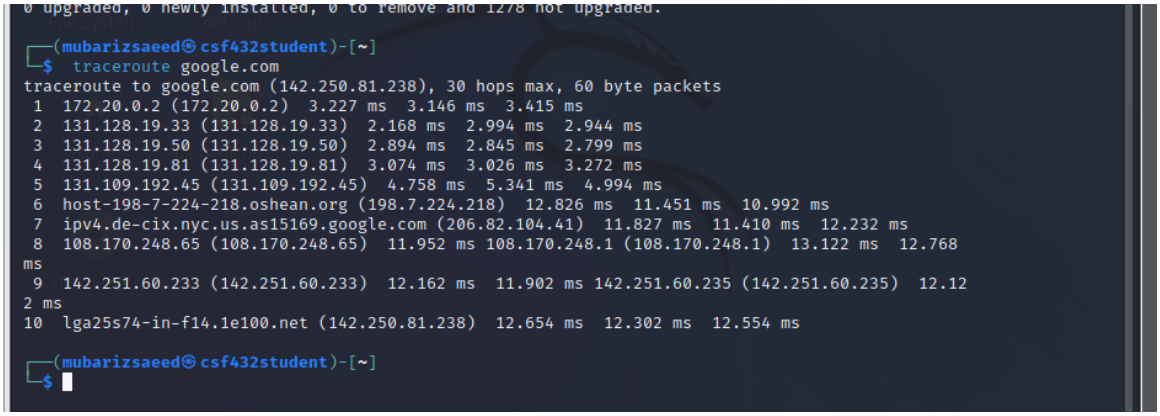
CSF 432 - Lab#13
Fall 2021

# Lab 13: Traceroute and DNS Zone Transfer Attack using Dig

## Part 1: Traceroute

⁉️ Question 1 - Submit a screenshot of your output.




⁉️ Question 2 - How many hops did it take to reach a google web server?

10

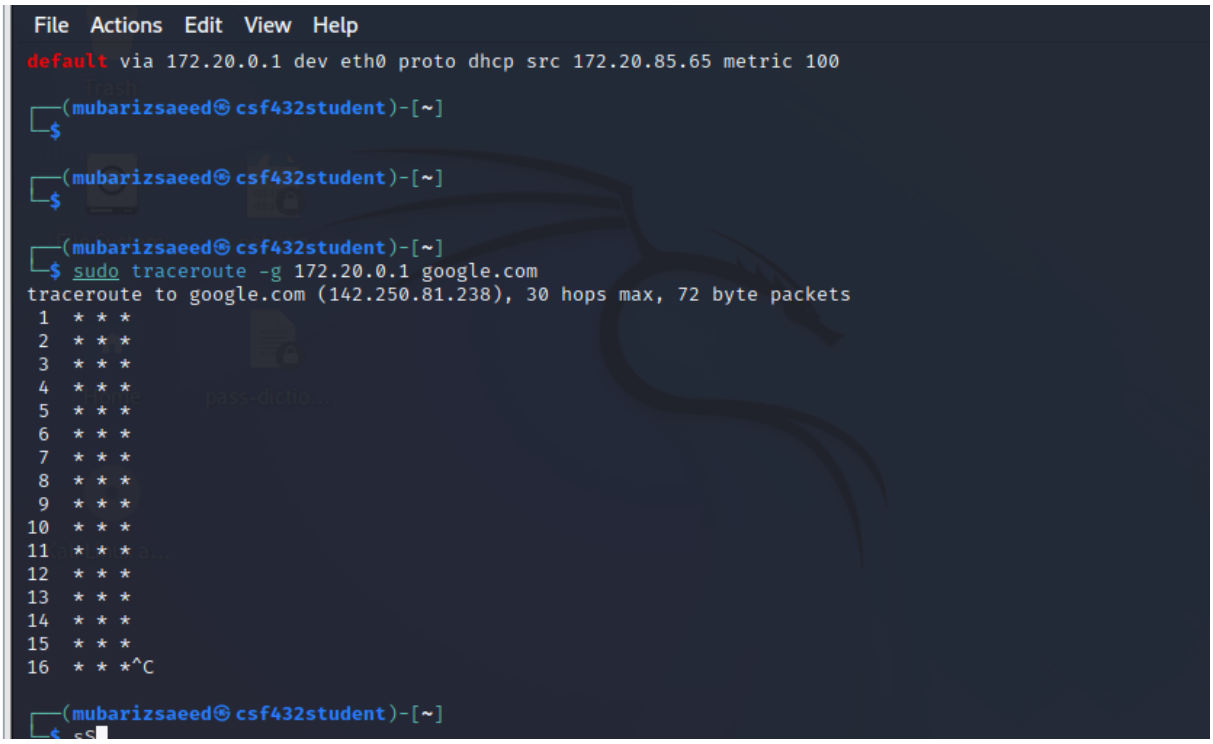
⁉️ Question 3 - Assume you force all of your machine traffic to pass through a VPN concentrator that is located in Japan. How do you think this would affect the `latency (ms times)` shown in this traceroute report?

It would slow down the latency

⁉️ Question 4 - What does a packets TTL mean?

| Time-to-live (TTL) |
| --- |

⁉️ Question 5 - Write a traceroute command that uses strictly uses IPv4 addresses, ICMP echos for probes, runs through your default gateway interface (not IP address, interface name), and is un-fragmented.

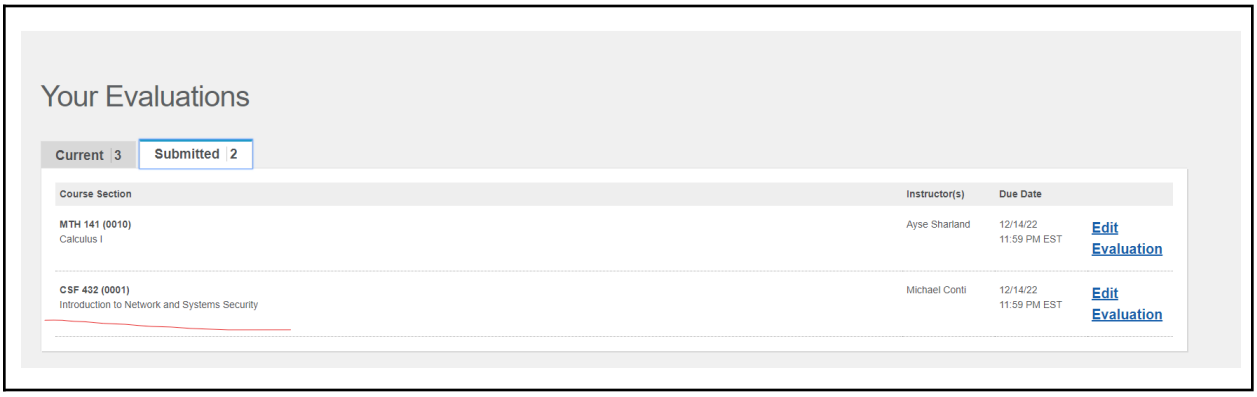



## Part 2: DNS Zone Transfer

⁉️ Question 6. Submit a screenshot of your badge demonstrating the completion of this immersive lab module.


## Part 3: Course Feedback

⁉️ Question 7. Submit a screenshot confirming that you have submitted your Course Feedback report



## Part 4: Submission

Convert your network document into a .PDF and upload a single `lastname_lab13.pdf` file to Brightspace through the attachment uploads option.