Private Investigations

Become a network detective by exploring various aspects of network configurations and geolocation! In this challenge, you'll use command-line tools and online services to discover information about your own network and geolocation, as well as that of another IP address.

Instructions

Answer the following questions:

1) **Discover Your Network Configuration**: Use the `ipconfig` command to find out details about your network configuration.

- What is your IP address? Is it private or public?
- How did you know whether it was private or public?

2) **Find Your Public IP**: Use an online search engine like Google to discover your public IP address.

- How does it differ from the IP address you found with ipconfig?
- Why is there a difference?

3) **Geolocate Yourself**: Use a geolocation service (e.g., ipinfo.io) to find the approximate location of your public IP address.

- What country and city are you in according to this service? Does it make sense?

4) **Geolocate Another IP**: Use the `nslookup` command to find the IP address of `www.google.com`, and use the same geolocation service to find its location.

- Where is it located? Does it make sense?
- Read more about how to use nslookup command here

- Write your findings into a text file and the command used.

- Include brief description of your findings including any interesting observations or surprises you encountered.

To submit

Submit your answers in a text file and upload it.

Sentinel