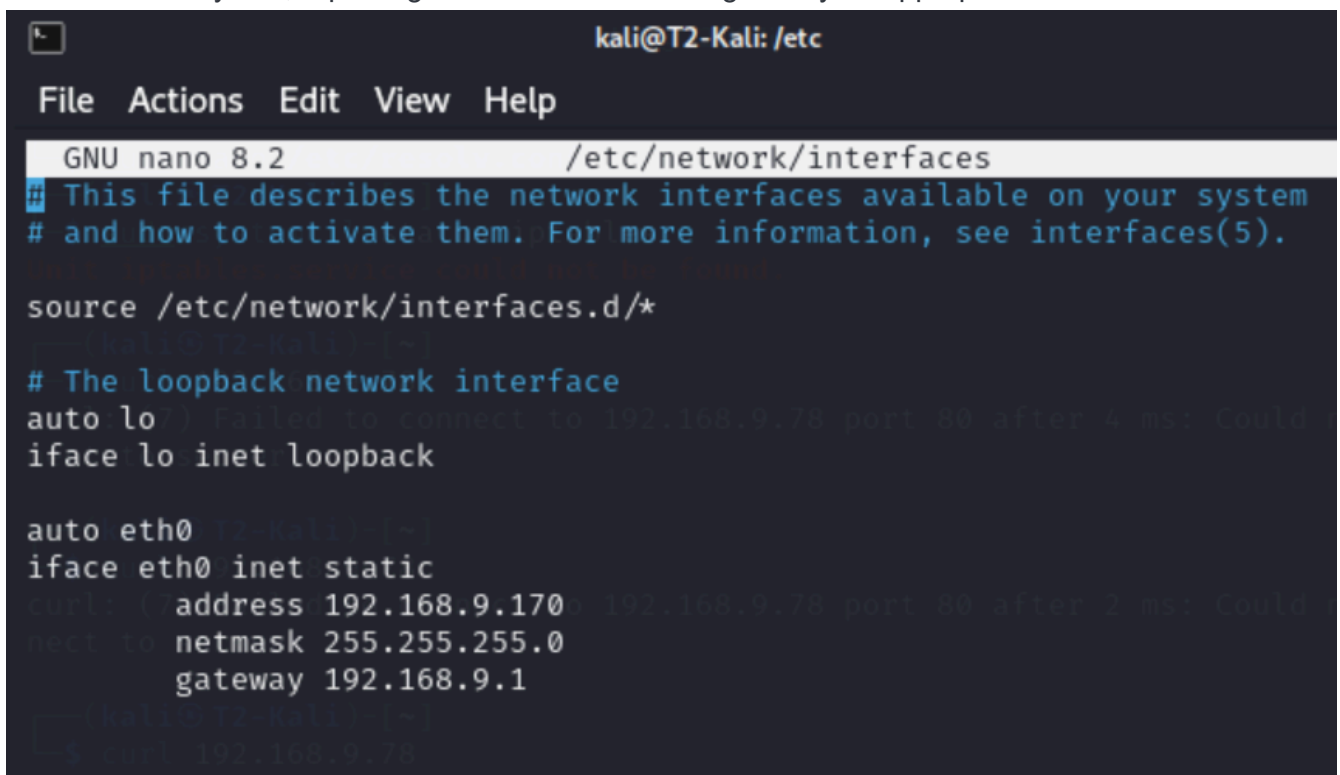# Kali IP Configuration

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Note: You have 2 options to configure an IP address on Kali: GUI or terminal. This document covers terminal.

- display network configuration: `ip a`

- eth0 is the typical network interface for Kali

- edit network configuration file: `sudo nano /etc/network/interfaces`

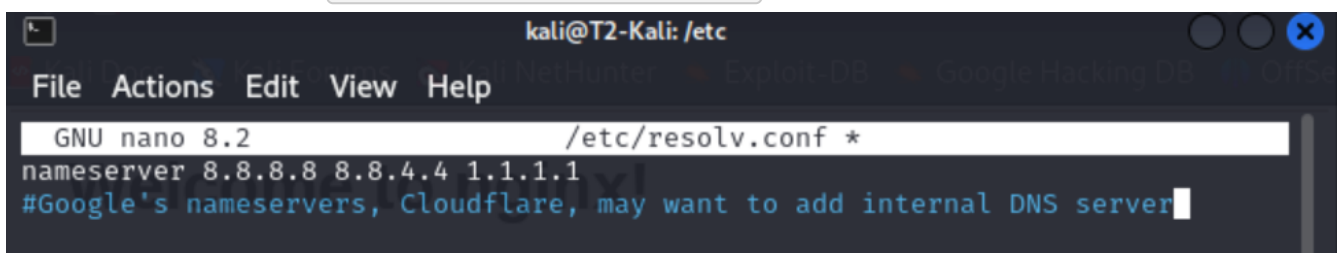- use the below syntax, replacing the eth0 address and gateway as appropriate:

- add DNS nameservers: `sudo nano /etc/resolv.conf`

- restart networking service: `sudo systemctl restart networking`

- make sure the IP address has updated: `ip a`

- test internet connectivity: `curl google.com`

  - or try navigating to google.com in your browser

- harden interface file permissions: `sudo chmod 600 /etc/network/interfaces`

- harden resolv.conf permissions: `sudo chmod 644 /etc/resolv.conf`