Magos Lab – Week 04: Secure Code + Networking Basics

# 🎯 Objectives

Practice identifying bad code patterns and learn to use basic network diagnostic tools like ping, traceroute, and netstat.

# 📋 Lab Tasks

* ☐ Review a Python file and identify 3 security concerns (e.g., hardcoded passwords).
* ☐ Use `ping` to test network connectivity to a known IP.
* ☐ Run `traceroute` to a site and note the hops.

# 💡 Challenge Task

☐ Capture packets with Wireshark and identify a DNS lookup.

# 🧠 Reflection

Why is it important to understand how traffic moves through a network?