



COMPUTER SECURITY WORKSHOP

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PROJECT

DEFINITION

- There are some routers connected to internet.
- The admin panel of these routers is configured on TCP port 917.
- These routers have a vulnerability which can be used to capture network traffic.
- You are an intruder and you know how to exploit this vulnerability.

PROJECT GOALS

- Write a program which searches the network and finds these routers.
- Input:
 - An IP address in the following format: x.x.x.0/24 (must be entered by user)
- Output:
 - List of the IP addresses of the routers saved in a txt file.

BONUS GOALS

- Input several IP ranges and scan all of them simultaneously.
- Save all results to a single file, ordered by IP prefix.
- Pinging the IP addresses first and scan them only if they are up.

IMPORTANT

- You must handover the following items:
 - Source code of the program
 - Executable file
 - User manual
- You won't need to use any special or complex libraries.
- **Sharing your code with your classmates won't be tolerated.**



Feel free to ask your question.