January 2023 CSE 406

Online on Firewall - B2

Total Marks: 10   **Time Duration: 30 minutes**

Suppose you are the attacker (10.9.0.1) in the network below. You decided if you get at least three **PING** messages, you will drop all the packets from that IP.

You must use Netfilter to implement this. You can't use iptables.

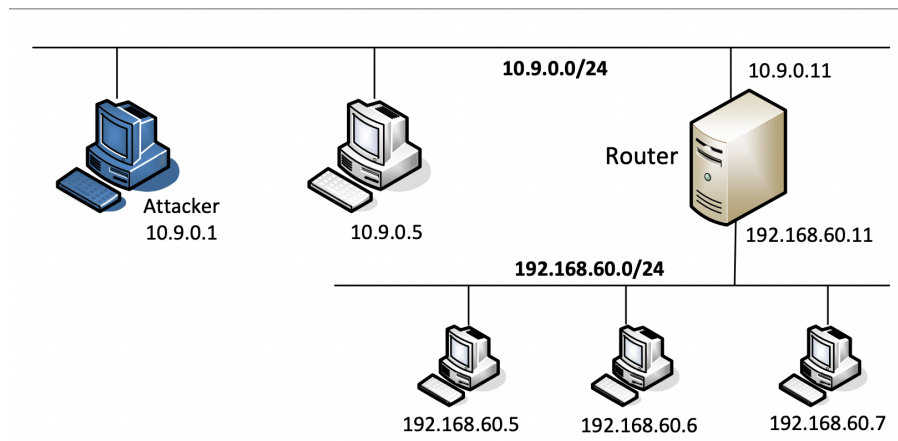Here is a diagram of the network given for your reference.

Figure 1: Lab setup

Submission Guideline

1. Create a directory with your 7 digit student id as its name

2. Put the source files only into the directory created in step 1

3. Zip the directory (compress in .zip format; .rar, .7z or any other format is not acceptable)

4. Upload the .zip file on moodle.