

## CSE 406

### Security Online – Firewall

Suppose you are a network administrator. Suddenly you noticed that there is a huge number of incoming ping message to the machine with IP address with 192.168.60.5. Now, your job is to write a protection mechanism for the specified machine so that no other machine (external or internal) can send more than  $p$  ping messages to the machine.

**You must use *netfilter* to implement this.** You can't use *iptables*. Also, you only have the shell access for the machine with IP address with 192.168.60.5. For testing purpose, you can assume the value for  $p=5$ .

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

