

# Instructions for E1 Demo

NSS2 W25

## Objective

You will be required to demonstrate that

1. There is no direct communication between VM1 and VM3
2. You can only access port 80/443 on VM3 from VM1, i.e. SSH is not working but HTTP is

You simply need to run the commands and that's it. No explanation is needed from your end unless asked by the TA.

Time allocated - 5 minutes

## Things to prepare

1. Ensure all of your VMs are working as expected. Incase of any issues in setting up of the VMs, you must email me before your demo slot to inform me of the same.
2. 2 Terminals/Tmux Windows/etc. must be setup of each machine and they should have the following things setup on them
  - a. VM1
    - i. Terminal 1 - Command for doing an HTTP Request/SSH connection request
    - ii. Terminal 2 - packet capture on iface1
  - b. VM2
    - i. Terminal 1 - packet capture on iface1
    - ii. Terminal 2 - packet capture on iface2
  - c. VM3
    - i. Terminal 1 - packet capture on iface1
    - ii. Terminal 2 - Your webserver. Incase you have setup the web server as a service instead running as a command, this step may be skipped