



Session 1 Task



Task

1. Use any kind of virtualization that you desire.
2. Create a “host-only” network.
3. Create any kind of network which has Internet access through an interface of your host.
4. To test the access to another network:
 - a. Create a VM with 2 interfaces; one to access internet and another as host-only = Machine A
 - b. Create another VM with host-only network = Machine B
 - c. Grant internet access from A to B
5. Create a VPN server or Proxy server:
 - a. This VPN or proxy server MUST be usable through cli for package managers like apt or yum



Useful Links

1. <https://www.digitalocean.com/community/tutorials/a-deep-dive-into-iptables-and-netfilter-architecture>
2. <https://vincent.bernat.ch/en/blog/2014-tcp-time-wait-state-linux>
3. <https://conntrack-tools.netfilter.org/testcase.html>