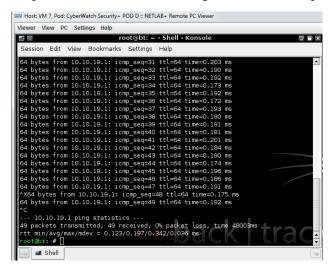
Lab 8 - CompTIA Lab 7 (pfSense Firewall)

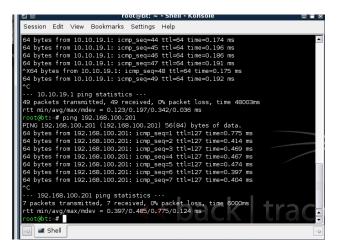
- This is an individual assignment, and is worth 10 points.
- The due date is Thursday, November 17th (before the class).
- Follow the usual naming convention.
- The screenshot should look like the one on the lab file.

Tasks

1. (3 points) Take a screenshot (Figure 28) after completing step 22 on page 17.



2. (3 points) After task 1 above, attempt to ping Windows 2k3 Internal Server Victim from the BackTrack 4 External Attack machine. Report the result by providing a screenshot.



(3 points) Explain what happened before and after the firewall setting changes.
Change in firewall setting allowed for ICMP requests to go through which in turn allowed us to run some of the other commands.

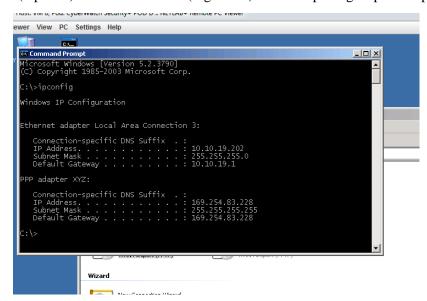
4. (3 points) Take a screenshot (Figure 37) after completing step 10 on page 21.



5. (3 points) Explain the configuration changes you made on the firewall to allow port and re-directing responses.

Settings were changed to connect a port on the internal server. All requests for a specific port were accepted and redirected to the same port on the internal network server. In this case, requests for SSH port were sent to SSH port on the internal network.

6. (3 points) Take a screenshot (Figure 73) after completing step 32 on page 38.



7. (2 points) Explain the changes you made for the VPN setup.

Port forwarding was set up for PPTP and an exception was created in the system firewall to allow the traffic to go through. VPN was then set up on the internal server with customer properties which allowed for a static IP address. Admin was given access to dial in to the vpn with remote access permissions. Connection wizard was run on the external server to connect as a VPN via port forwarding technique.