1. Use the ICMP tool  
ping determine the IP address of the given network name:  
IP: \_\_\_45.33.32.156\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Using the  
Nmap tool determine the ports open and services exposed:  
Port: \_53/tcp\_\_\_\_\_\_ Service: \_\_\_domain\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Port: \_80/tcp\_\_\_\_\_\_\_\_ Service: \_http\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Port: 443/tcp\_\_\_\_\_\_\_\_\_ Service: tcpwrapped\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Port: 5060/tcp\_\_\_\_\_\_\_\_\_ Service: tcpwrapped \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Port: 8080/tcp\_\_\_\_\_\_\_\_\_ Service: tcpwrapped \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Port: 9929/TCP\_\_\_\_\_\_\_\_\_ Service: nping-echo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Port: 31337/TCP\_\_\_\_\_\_\_\_\_ Service: tcpwrapped \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Using the ARIN.net registrar determine the following:  
The location:  
Street: \_\_\_\_249 Arch St\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
City: \_\_\_\_\_\_Philadelphia , PA \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Zip code: \_\_19106\_\_\_\_\_\_\_\_\_\_\_\_  
Who is the NOC contact?: \_\_\_Linode Network Operations\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
NOC phone number: \_\_\_\_1-609-380-7100\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
What is the top level domain: \_\_\_\_\_linode.com\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Analysis  
1. Using your preliminary discovery, what can you say about:  
Range of target Ips: \_\_\_\_ 45.33.0.0 - 45.33.127.255 (CIDR: 45.33.0.0/17)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
The most likely service/ports available for attack:  
\_\_\_\_\_Port 22 (SSH)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_Port 80/443 (HTTP/HTTPS)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_Port 3306 (MySQL Database)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_Port 25\_(SMTP)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_PORT 110 (POP3)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_PORT 3389 (RDP), PORT 53(RDP)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Of the service ports you identified which three (3) would you advise the admins to  
consider first:  
#1: Port: \_\_22\_\_\_\_\_\_\_ Service: \_\_\_\_SSH\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
#2: Port: \_\_80/443\_\_\_\_\_\_\_ Service: \_HTTP/HTTPS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
#3: Port: \_\_3306\_\_\_\_\_\_\_ Service: MySQL Database \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_