

Host discovery

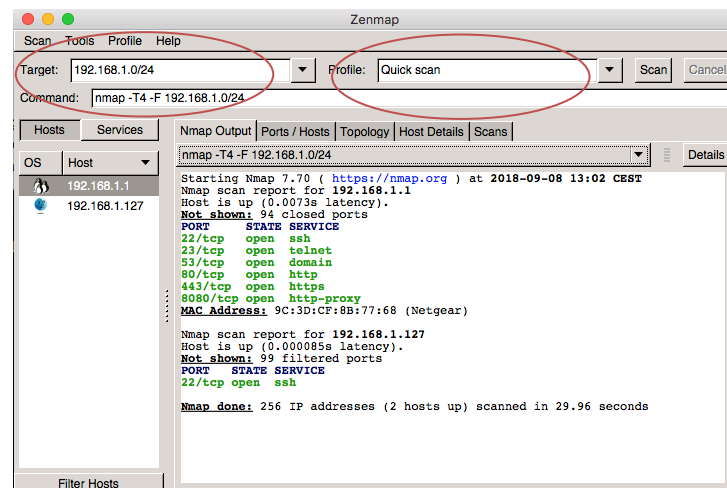
In this experiment, you will use the Nmap GUI frontend named Zenmap which provides the user detailed information about the machines they are scanning. To execute the Zenmap you need to execute the following commands in your virtual machine.

Instructions:

1. Open Zenmap
2. Change Target to the subnet address of the network environment lab.

192.168.1.0/24

- o Notice, that we **replaced** the **last octet** of **my IP address** with a **0** to represent the network address.
 - o The **/24** represents the subnet mask.
3. Change Profile to: **Quick scan**
 4. Click Scan



When the network discovery ends, you can analyze the network topology. Explore the Zenmap interface to investigate the topology and identify hosts accessible from your computer:

1. Click on the Topology Tab.
2. Click on Fisheye
3. Click on Controls
4. This will allow you to increase the size of the network rings.
5. Click on the Zoom Arrow

