Scanning Assessment

Background: In this assessment, you are expected to use NMAP to complete each task. For some of the tasks, you may need to utilize search engines and/or the nmap.org website for the appropriate commands to use.

You will use the following Cybrary lab environment and IP addresses for this assessment. If you do not have access to the Cybrary labs, then please just use IP addresses you have set up in your own environment. The overall goal is for you to learn these concepts and to practice your hands-on skills.

Cybrary Lab environment

Certified Ethical Hacker (CEH)—Performing a Check for Open Ports

IP addresses for Cybrary lab environment

192.168.0.1

192.168.0.10

192.168.0.100

Task 1

Scan 100 random hosts with nmap.

Enter the command you used here:

_____

What were the results?

_____

Task 2

Run a scan against 192.168.0.1/24 and disable port scanning.

Enter the command you used here:

_____

What were the results?

_____

Task 3

Run a SYN scan against 192.168.0.10 and use a speed that is less likely to trigger any IDS. Enter the command you used here:

_____

Task 4

Run a port scan on all ports of 192.168.0.1

Enter the command you used here:

_____

What were the results?

_____

Task 5

Run a scan to detect the OS and version in use by the target 192.168.0.100

Enter the command you used here:

_____

What OS is detected?

_____

What version of software is detected?

_____