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| Student Name | <Enter Name Here> |
| Activity Type | Guided Practice / Computer Lab |

## Instructions

Perform the Guided Practice per the instructions in your course. As you complete each lab, insert a screenshot of your results. Perform all the tasks shown below.

**Note: Some tasks in the labs are not completed in this class, instead they are completed in the associated class.**

**Only** provide screenshots for the tasks that specify a screenshot. **There** **should** **be** a total of 9 **screenshots** for this lab.

Complete the following lab tasks in the **Scanning Networks** ILab Module:

1. **Lab 1 -** Perform host discovery.
   * **Task 2 -** Perform host discovery using Angry IP Scanner
     1. Screenshot step 11.
2. **Lab 2 -** Perform port and service discovery.
   * **Task 1 -** Perform port and service discovery using MegaPing
   * **Task 2 -** Perform port and service discovery using NetScanTools Pro
     1. Screenshot step 16.
3. **Lab 3 -** Perform OS discovery.
   * **Task 1 -** Identify the target system’s OS with Time-to-Live (TTL) and TCP window sizes using Wireshark
     1. Screenshot step 14.
4. **Lab 4 -** Scan beyond IDS and Firewall
   * **Task 2 -** Create custom packets using Colasoft Packet Builder to scan beyond IDS/firewall
     1. Screenshot step 17.

Complete the following lab tasks in the Footprinting and **Enumeration** ILab Module:

1. **Lab 1 -** Perform NetBIOS enumeration.
   * **Task 1 -** Perform NetBIOS enumeration using Windows command-line utilities
   * **Task 2 -** Perform NetBIOS enumeration using NetBIOS Enumerator
     1. Screenshot step 8.
2. **Lab 2 -** Perform SNMP enumeration.
   * **Task 2 -** Perform SNMP enumeration using SoftPerfect Network Scanner
     1. Screenshot step 14.
3. **Lab 3 -** Perform LDAP enumeration.
   * **Task 1 -** Perform LDAP enumeration using Active Directory Explorer (AD Explorer)
     1. Screenshot step 8.
4. **Lab 7 -** Perform RPC, SMB, and FTP enumeration.
   * **Task 1 -** Perform RPC and SMB enumeration using NetScanTools Pro
     1. Screenshot step 28.
5. **Lab 8 -** Perform enumeration using various enumeration tools.
   * **Task 1 -** Enumerate information using Global Network Inventory
   * **Task 2 -** Enumerate network resources using Advanced IP Scanner
     1. Screenshot step 9.

Summary: As a result of this lab, I have learned:

* Include a few paragraphs summarizing the key skills you have acquired during this guided practice.