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| Course | INFT1201 Hacking and Exploits |
| Lab | Lab 2- Scanning & Enumeration |
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INFT1201 Hacking and Exploits

Lab 3: Scanning and Enumeration Answer File

**Part1- Network Scanning**

**Step 1: Start the lab virtual machines**

**Question 1 –** what is the IP address of your KaliVM, MS3WS2008, and MS3UBUNTU?

KaliVM IP Address: 192.168.44.135

MS3WS2008 IP Address: 192.168.44.138

MS3UBUNTU IP Address: 192.168. 144.128

**Step 2: Scanning MS3WS2008 using nmap**

Insert Screenshot#1 Here (**10 marks**)

A picture containing text, screenshot, software, font

Description automatically generated

**Question 2 -** What is the OS reported by nmap of the target machine? (**10 marks**)

OS details: Type your answer here

Ans: Microsoft Windows 7 SP0 - SP1, Windows Server 2008 SP1, Windows Server 2008 R2, Windows 8, or Windows 8.1 Update 1

**Question 3 -** List 5 of the running services with their version and the ports they are running on. (**10 marks**)

PORT SERVICE VERSION

1. 21/tcp ftp Microsoft ftpd
2. 22/tcp ssh OpenSSH 7.1 (protocol 2.0)
3. 80/tcp http Microsoft IIS httpd 7.5
4. 135/tcp msrpc Microsoft Windows RPC
5. 139/tcp netbios-ssn Microsoft Windows netbios-ssn

**Step 3: Scanning MS3UBUNTU** **using nmap**

Insert Screenshot#2 Here (**10 marks**)

A computer screen shot of a program

Description automatically generated with low confidence

**Question 4 -** What is the OS reported by nmap of the target machine? (**10 marks**)

OS details: Type your answer here

Ans: Linux 3.2 - 4.9

**Question 5 -** List 5 of the running services with their version and the ports they are running on. (**10 marks**)

PORT SERVICE VERSION

1. 21/tcp ftp ProFTPD 1.3.5
2. 22/tcp ssh OpenSSH 6.6.1p1 Ubuntu 2ubuntu2.13 (Ubuntu Linux; protocol 2.0)
3. 3.80/tcp http Apache httpd 2.4.7
4. 4.445/tcp netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
5. 631/tcp ipp CUPS 1.7

**End of Part 1 – Scanning Networks**

**Part 2 - Enumeration**

**Step 1: Enumerating users with snmp\_enumusers**

Insert Screenshot#3 Here (**10 marks**)

A screenshot of a computer program

Description automatically generated with medium confidence

**Question 6 -** List 3 user accounts that were found by the snmp\_enumusers script (**10 marks**)

1. Administrator
2. artoo\_detoo
3. boba\_fett

**Step 2**: Repeat Step 1 while targeting MS3UBUNTU machine

Insert Screenshot#4 Here (**10 marks**)

A picture containing text, screenshot, font, software

Description automatically generated

**Question 7 -** List 3 user accounts that were found by the enum4linux script (**10 marks**)

1. administrator
2. guest
3. krbtgt

**End of Part 2 - Enumeration**