

03: Lab 03 – Assisted - Finding open service ports

Security+ (Exam SY0-701)



Congratulations, you passed!

Duration: 47 minutes, 33 seconds

☒ What port(s) are discovered as being open on this target?

Score: 1

- ☐ 21
- ☐ 22
- ☒ 25
- ☐ 53
- ☐ 80
- ☐ 443
- ☐ 3389

Congratulations, you have answered the question correctly.

☒ What port(s) are discovered as being open on this target?

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- ☐ 21
- ☐ 22
- ☒ 25
- ☐ 53
- ☐ 80
- ☐ 443
- ☐ 3389

Congratulations, you have answered the question correctly.

☒ What OS was detected on the target?

Score: 1

- ☐ Linux
- ☐ Windows
- ☐ UNIX
- ☐ MacOS
- ☒ FreeBSD

Congratulations, you have answered the question correctly.

☒ **confirm Kali IP guest network address**

Score: 1

Select the **Score** button to validate this task.

Kali is connected to the Guest network.

**confirm OPNsense service name**

Score: 1

Select the **Score** button to validate this task.
Service name is correct.



What is the OS discovered on the target?

Score: 1

- ☐ Linux
- ☐ Windows
- ☒ FreeBSD
- ☐ MacOS
- ☐ Unix

Congratulations, you have answered the question correctly.

**confirm Kali IP client network address**

Score: 1

Select the **Score** button to validate this task.
Kali is connected to the Client network.



What services are discovered to be accessible over open ports on this target?

Score: 1

- ☐ FTP
- ☒ SMTP
- ☒ HTTP
- ☒ MSRPC
- ☐ NTP
- ☒ IMAP
- ☒ Microsoft-DS
- ☒ Mountd (i.e., NFS)
- ☒ MySQL
- ☐ RDP

Congratulations, you have answered the question correctly.



What is a threat vector?

Score: 1

- ☒ A pathway that could support an intrusion attempt
- ☐ The arrow of progress of exploit development
- ☐ The number of times per year that an attack could occur
- ☐ An assessment of the severity of damage caused by a breach

Congratulations, you have answered the question correctly.



What is an attack surface?

Score: 1

- ☒ The collection of exposed vulnerabilities
- ☐ The listing of ports on a system
- ☐ The services running in the background of a server
- ☐ The outer shell of a server

Congratulations, you have answered the question correctly.



What nmap parameter option performs a scan which displays service identification?

Score: 1

- ☐ -oS
- ☐ -sS
- ☐ --banner
- ☒ -sV

Congratulations, you have answered the question correctly.

✓ Where can threats originate?

Score: 1

- ☐ Externally
- ☐ Internally
- ☐ Third-party software
- ☒ All of the above

Congratulations, you have answered the question correctly.

✓ What are two primary response options to the discovery of an open port hosting an insecure service?

Score: 1

- ☒ Close the exposed port
- ☒ Configure service encryption
- ☐ Require more complex passwords
- ☐ Perform a vulnerability scan
- ☐ Apply updates to the OS

Congratulations, you have answered the question correctly.

✓ What OS was detected on the target?

Score: 1

- ☐ Linux
- ☐ Windows
- ☐ UNIX
- ☐ MacOS
- ☒ FreeBSD

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Score: 1

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✓ **confirm OPNsense service name**

Score: 1

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