

Security Blue Team – Introduction to Vulnerability Management

METASPLOITABLE 2 SETUP

You'll be setting up the intentionally vulnerable virtual machine Metasploitable 2, created by security firm Rapid7. This will be your test environment where you can practice vulnerability scanning, collecting results, and analysing them to produce vulnerability reports.

NESSUS SETUP

You'll install and explore the Nessus Essentials vulnerability scanner created by Tenable, in preparation for the final course challenge. You'll be walked through the GUI and conduct a scan against your own system, so that you're familiar with how to use this powerful tool, and understand scan results.

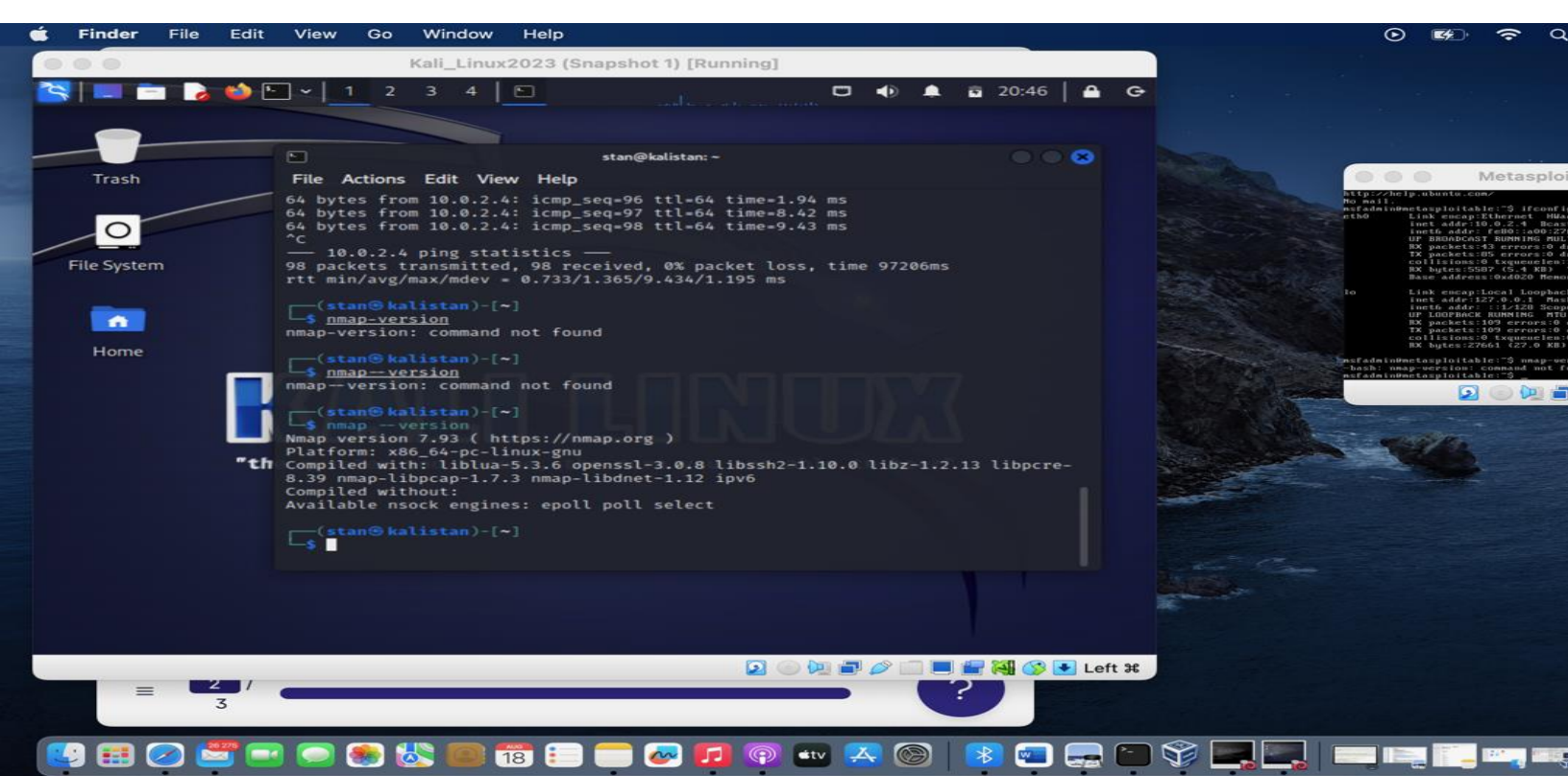
WPSCAN ANALYSIS

You'll be analysing real-world WPScan results to make sure you're familiar with the tool's output and the security flaws that it can detect. In the future we will release a public lab where you can conduct your own scans.

COURSE CHALLENGE: VULNERABILITY ASSESSMENT

For the final challenge you'll be conducting a short and simple vulnerability assessment of the Metasploitable 2 system, by launching your own vulnerability scans using Nessus, and reporting on the vulnerabilities and flaws that are discovered.

Metasploitable 2



Some of the questions in the course

How many TCP ports are OPEN on MS2? (Use the -sT flag in Nmap).

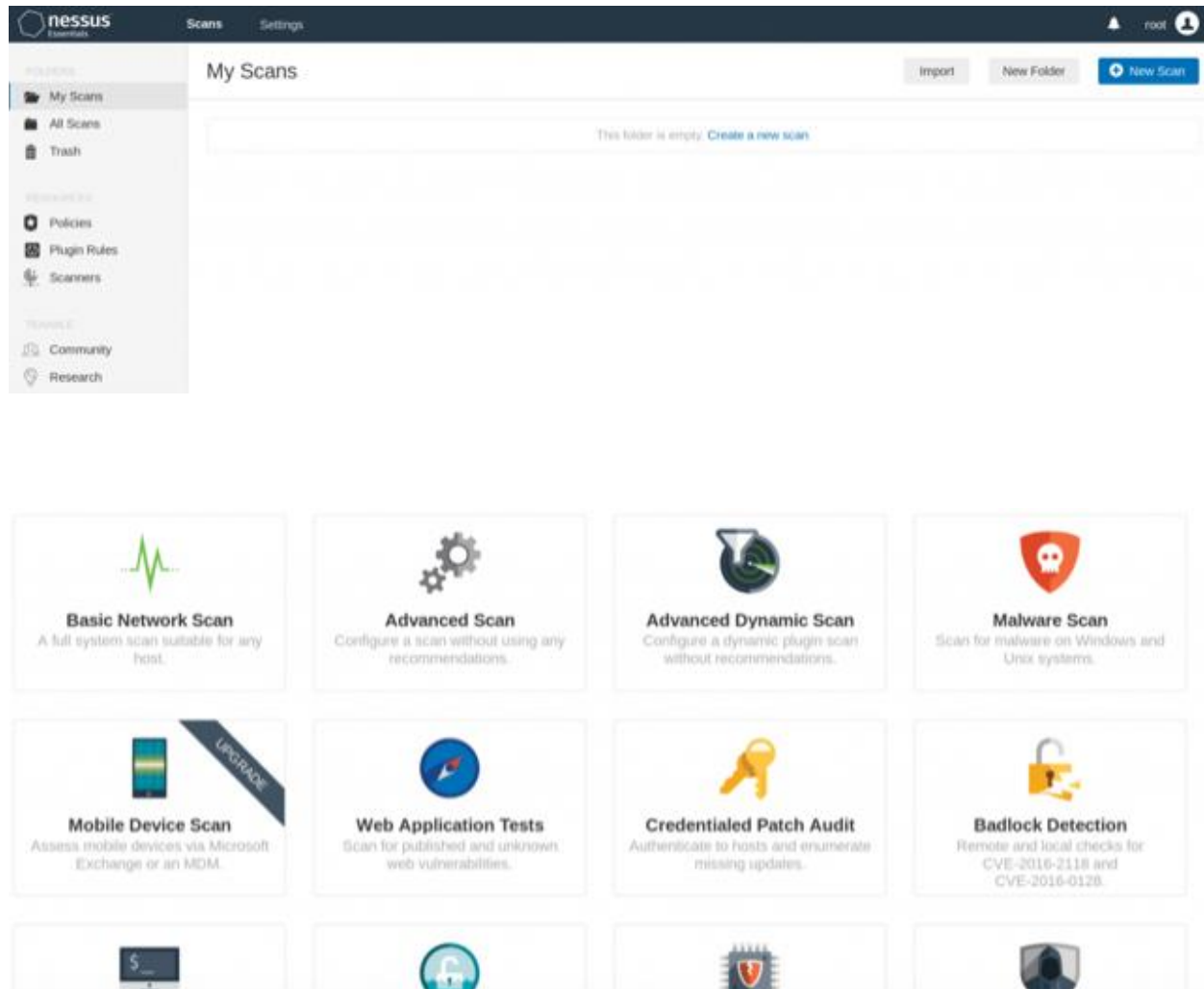
How many UDP ports are OPEN on MS2? (Use the -sU flag in Nmap – this may take a while).

What port is running a Metasploitable Root Shell? (Use the -sV flag in Nmap).

What non-standard port is FTP running on? (NOT p21) (Use the -sT flag in Nmap)

What version of FTP is running on the non-standard port? (Use the -sV flag in Nmap).

Nessus





New Scan / Basic Network Scan

[← Back to Scan Templates](#)

Settings

Credentials


Plugins 


BASIC 


General


Schedule

Notifications


DISCOVERY 

ASSESSMENT 

REPORT 


ADVANCED 

Name




Description

Folder

My Scans 

Targets

Example: 192.168.1.1-192.168.1.5, 192.168.2.0/24, test.com



Upload Targets

[Add File](#)

The course also included OpenVAS and WPScan with activities...

Completion Certificate



CERTIFICATE OF COMPLETION

SIYAMTHANDA MDYESHA

has completed the **Introduction to Vulnerability Management** course, showing an understanding of vulnerability management, conducting scans using Nessus, analysing the results, and creating a report that considers severity amongst other factors to determine remediation priority.

237223778

CERTIFICATE ID

2023-08-18

DATE PASSED

A stylized signature of Joshua Beaman in black ink.

JOSHUA BEAMAN
Founder & Lead Trainer