PROBLE STATEMENT

All your efforts of setting up the testing instance again and again

And packed to the Docker Image a.k.a Nightingale

BUT FIRST, THE RESEARCH

Why Docker over VM ?

RESOURCE EFFICIENCY

PORTABILITY

VERSION CONTROLING

LOW OVERHEAD

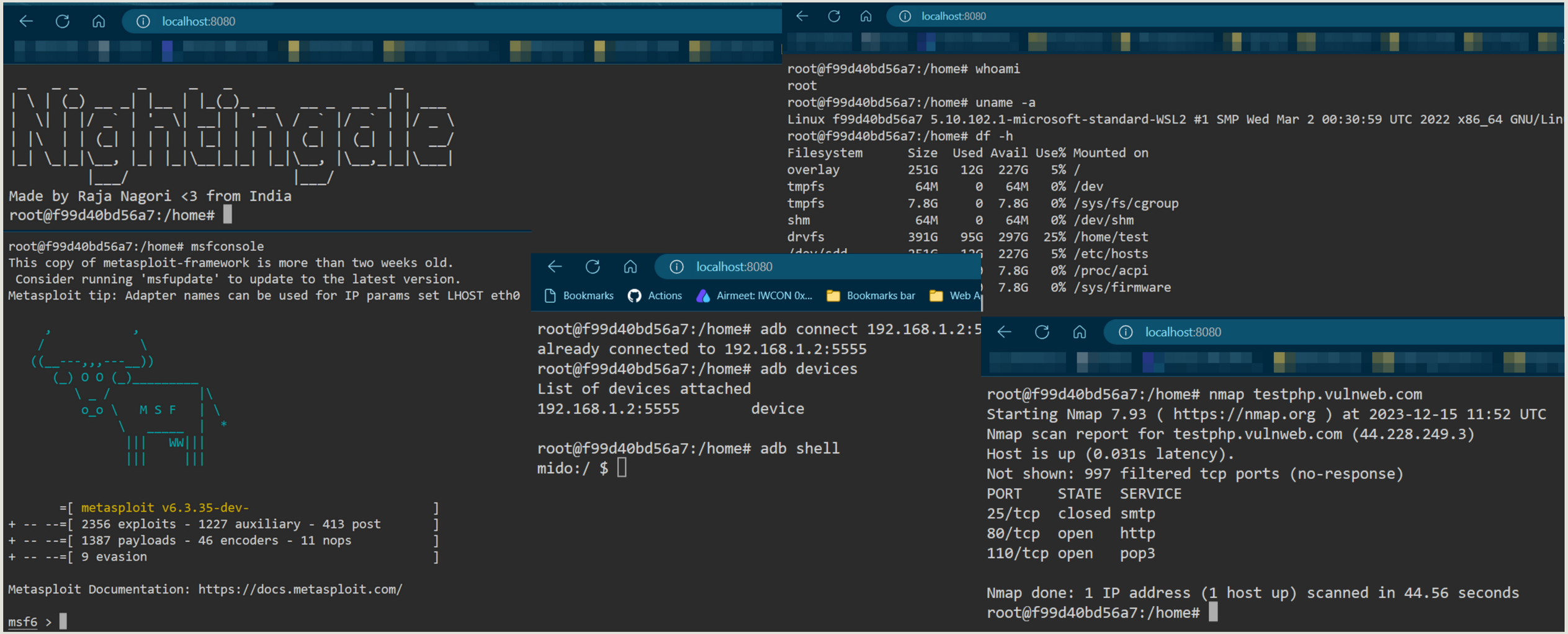
FAST STARTUP AND SHUTDOWN

SCALABILITY IS WAY MORE EASY

WHAT?

- Nightingale is an open-source tool for penetration testing using Docker.
- Docker creates isolated environments for consistent and repeatable testing.
- Saves time and effort when re-running tests.
- Eliminates need to install multiple languages and modules.
- Fast booting allows for quick spin-up and tear-down of testing environments.
- Resource-efficient, requiring only necessary resources at the time of testing.
- Supports vulnerability assessment and penetration testing of any scope.
- Includes all necessary tools for penetration testing.
- Accessible via browser using local IP address.
- Platform-independent penetration toolkit for efficient and consistent testing.

SOME SNAPS


localhost:8080
Made by Raja Nagori <3 from India
root@f99d40bd56a7:/home#
root@f99d40bd56a7:/home# msfconsole
This copy of metasploit-framework is more than two weeks old.
Consider running 'msfupdate' to update to the latest version.
Metasploit tip: Adapter names can be used for IP params set LHOST eth0
=[metasploit v6.3.35-dev-
+ -- --=[2356 exploits - 1227 auxiliary - 413 post
+ -- --=[1387 payloads - 46 encoders - 11 nops
+ -- --=[9 evasion
Metasploit Documentation: https://docs.metasploit.com/
msf6 >
root@f99d40bd56a7:/home# whoami
root
root@f99d40bd56a7:/home# uname -a
Linux f99d40bd56a7 5.10.102.1-microsoft-standard-WSL2 #1 SMP Wed Mar 2 00:30:59 UTC 2022 x86_64 GNU/Lin
root@f99d40bd56a7:/home# df -h
Filesystem Size Used Avail Use% Mounted on
overlay 251G 12G 227G 5% /
tmpfs 64M 0 64M 0% /dev
tmpfs 7.8G 0 7.8G 0% /sys/fs/cgroup
shm 64M 0 64M 0% /dev/shm
drvfs 391G 95G 297G 25% /home/test
227G 5% /etc/hosts
7.8G 0% /proc/acpi
7.8G 0% /sys/firmware
Bookmarks
Actions
Airmeet: IWCON 0x...
Bookmarks bar
root@f99d40bd56a7:/home# adb connect 192.168.1.2:5
already connected to 192.168.1.2:5555
root@f99d40bd56a7:/home# adb devices
List of devices attached
192.168.1.2:5555 device
root@f99d40bd56a7:/home# adb shell
mido:/ $
root@f99d40bd56a7:/home# nmap testphp.vulnweb.com
Starting Nmap 7.93 (https://nmap.org) at 2023-12-15 11:52 UTC
Nmap scan report for testphp.vulnweb.com (44.228.249.3)
Host is up (0.031s latency).
Not shown: 997 filtered tcp ports (no-response)
PORT STATE SERVICE
25/tcp closed smtp
80/tcp open http
110/tcp open pop3
Nmap done: 1 IP address (1 host up) scanned in 44.56 seconds
root@f99d40bd56a7:/home#

TIME TO DICUSSION

OR https://rajanagori.github.io/rajanagori/
and type - discuss

THANK YOU!