

Lab 3: Pentesting

Lab Requirements:

Step 1

Download and install Metasploitable

Step 2

Download and install Kali Linux

Step 3

Set up virtual machine so they can access each other through network.

Lab Start:

- In Kali Linux and Metasploitable, use **ifconfig** to get both of the IP addresses.
- Check connection to the server using the **ping** command
- Next use **service postgresql start** to start and run postgresql in the terminal
- Open **armitage** using the command line. If the tool does not open, use the command **msfdb reinit** to reinitiate the metasploitable data base and try again.
- Armitage is a tool developed by the red team that visualizes targets, recommends exploits, and exposes the advanced post-exploitation features in the Framework.
- In the window menu, **select host -> nmap scan -> quick scan (map 10.0.2.1/24)**. Nmap will find services and network the user is connected to and build a map.
- Next go to **attacks -> Hail Mary**. The victim machine will be highlighted with color red. Select **meterpreter -> post-multi-manage-shell_to_meterpreter** and run the Command.
- A picture will pop up on the screen. **Right click the victim host icon -> interact**. This will open a new session.

Lab Complete :

The screenshots below are images of the steps I have taken to complete this lab







