Victim Name: - Windows Operating System

Victim IP Address: - 10.0.2.4

1) Vulnberaties Details:

Name: ETERNALBLUECode: CVE-2017-0143Port Number:445



Fig. Processes of Vulnberaties Scanning

2) Metasploitable Initialization:

Commands Used to Start Metasploitable:

- msfdb init -> To Initialize Metasploitable Database
- service postgresql start ->To start Metasploitable Database
- msfconsole->To Start the Metasploitable console

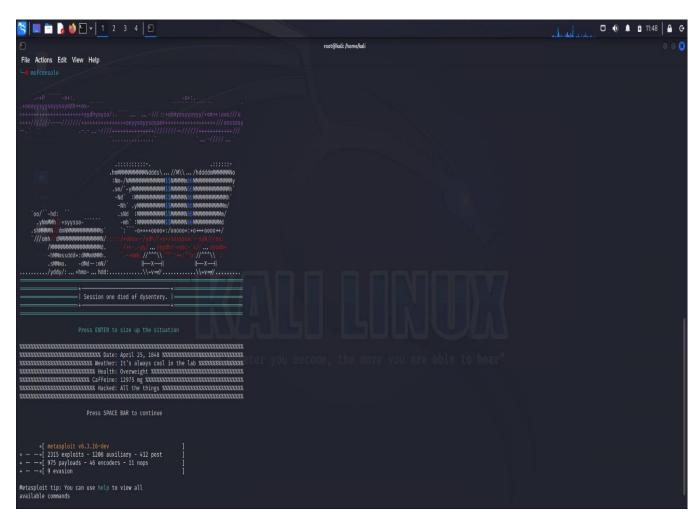


Fig. Successful Initialization of Metasploitable

3) Search & Importation of Exploitation Code: -

Searching of Exploitation Code using CVE/MS code number:

1. Command to search Exploitation code:

search <exploitation code number>



Fig.Searching of Exploitation code

4) Configuring and Verifying details of Exploitation code: -

1. Command Used to Import the Exploitation code:

use <exploitation id>

2. Command Used to Get details of Exploitation Code:

info <exploitation id>

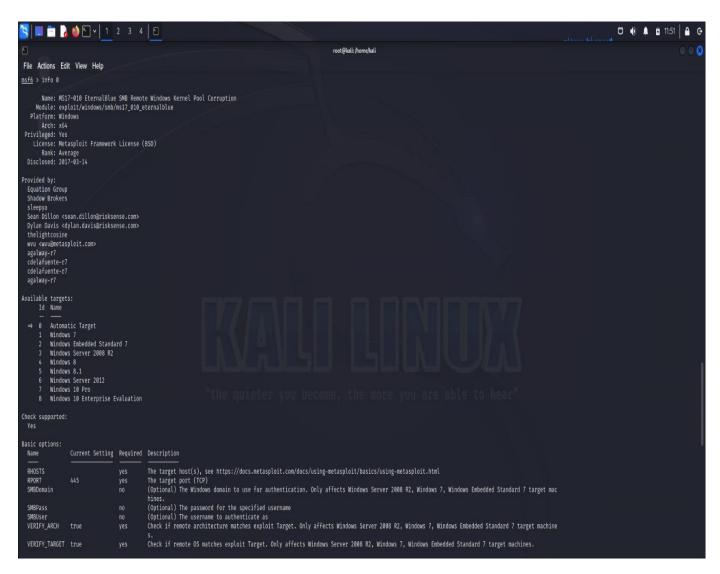


Fig.Configuring and Verifying details of Exploitation Code

5) Inserting of Victim details in Exploitation code: -

Command used to insert Victim address:

set <optionname> <optionvalue>



Fig. The Victim details are Successfully insert into Exploitation code

6) Execution of Exploitation Code: -

• Command to execute the Exploitation code:

exploite

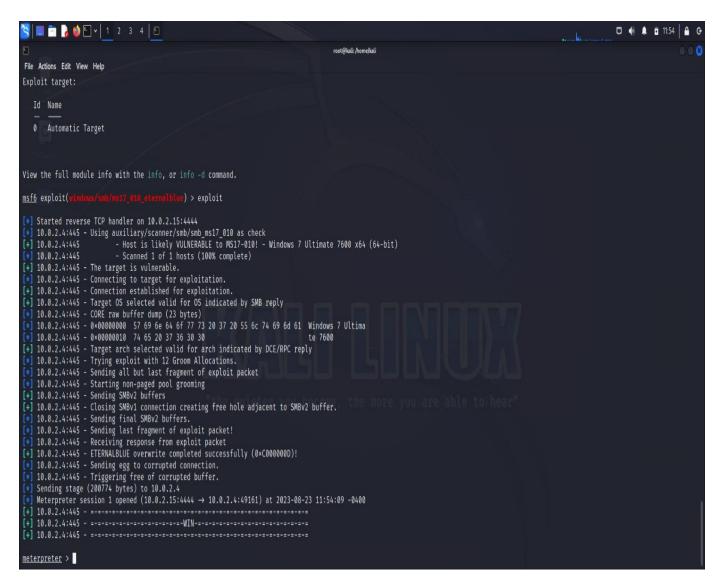


Fig.Exploitation Code is Successfully executed

7) Getting Information from Victim machine:

- Commands used to get the information from Victim machine: -
 - sysinfo->To get the information of Victim machine
 - ifconfig->To get the IP and Physical addresses for Victim machine
 - **getuid**->To get the user login-id from the Victim machine

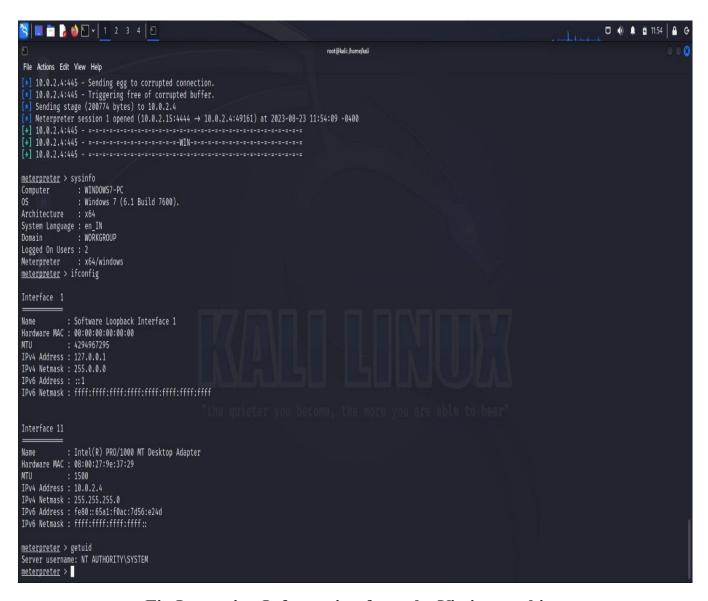


Fig.Importing Information from the Victim machine