Consegna Esercizio S5 L5

Traccia

Effettuare una scansione completa sul target Metasploitable. Scegliete da un minimo di 2 fino ad un massimo di 4 vulnerabilità critiche/high e provate ad implementare delle azioni di rimedio.
N.B. le azioni di rimedio, in questa fase, potrebbero anche essere delle regole firewall ben configurate in modo da limitare eventualmente le esposizioni dei servizi vulnerabili. Vi consigliamo tuttavia di utilizzare magari questo approccio per non più di una vulnerabilità. Per dimostrare l'efficacia delle azioni di rimedio, eseguite nuovamente la scansione sul target e confrontate i risultati con quelli precedentemente ottenuti.

Francesco Alfonsi

Prima scansione con Nessus

tenable® Nessus

VA Meta

Report generated by Nessus™ Thu, 28 Dec 2023 09:03:49 EST

TABLE OF CONTENTS

Vulnerabilities by Host

Vulnerabilities by Host

192.168.32.101

8	1	26	6	128
CRITICAL	HIGH	MEDIUM	LOW	INFO

Scan Information

Start time:	Thu Dec 28 08:16:20 2023
End time:	Thu Dec 28 09:03:49 2023

Host Information

Netbios Name:	METASPLOITABLE
IP:	192.168.32.101
MAC Address:	08:00:27:77:49:40
OS:	Unix

Vulnerabilities

51988 - Bind Shell Backdoor Detection

Synopsis

The remote host may have been compromised.

Description

A shell is listening on the remote port without any authentication being required. An attacker may use it by connecting to the remote port and sending commands directly.

Solution

Verify if the remote host has been compromised, and reinstall the system if necessary.

Risk Factor

Critical

CVSS v3.0 Base Score

9.8 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

Plugin Information

Published: 2011/02/15, Modified: 2022/04/11

Plugin Output

tcp/1524/wild_shell

```

Nessus was able to execute the command "id" using the
following request :



This produced the following truncated output (limited to 10 lines) :
------------------------------ snip ------------------------------
root@metasploitable:/# uid=0(root) gid=0(root) groups=0(root)
root@metasploitable:/#

------------------------------ snip ------------------------------
```

32314 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness

Synopsis

The remote SSH host keys are weak.

Description

The remote SSH host key has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to set up decipher the remote session or set up a man in the middle attack.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Consider all cryptographic material generated on the remote host to be guessable. In particuliar, all SSH, SSL and OpenVPN key material should be re-generated.

Risk Factor

Critical

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

Plugin Information

Published: 2008/05/14, Modified: 2018/11/15

Plugin Output

tcp/22/ssh

32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)

Synopsis

The remote SSL certificate uses a weak key.

Description

The remote x509 certificate on the remote SSL server has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to decipher the remote session or set up a man in the middle attack.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Consider all cryptographic material generated on the remote host to be guessable. In particuliar, all SSH, SSL and OpenVPN key material should be re-generated.

Risk Factor

Critical

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

Plugin Information

Published: 2008/05/15, Modified: 2020/11/16

Plugin Output

tcp/25/smtp

32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)

Synopsis

The remote SSL certificate uses a weak key.

Description

The remote x509 certificate on the remote SSL server has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to decipher the remote session or set up a man in the middle attack.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Consider all cryptographic material generated on the remote host to be guessable. In particuliar, all SSH, SSL and OpenVPN key material should be re-generated.

Risk Factor

Critical

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

Plugin Information

Published: 2008/05/15, Modified: 2020/11/16

Plugin Output

tcp/5432/postgresql

11356 - NFS Exported Share Information Disclosure

Synopsis

It is possible to access NFS shares on the remote host.

Description

At least one of the NFS shares exported by the remote server could be mounted by the scanning host. An attacker may be able to leverage this to read (and possibly write) files on remote host.

Solution

Configure NFS on the remote host so that only authorized hosts can mount its remote shares.

Risk Factor

Critical

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

References

CVE	CVE-1999-0170
CVE	CVE-1999-0211
CVE	CVE-1999-0554

Exploitable With

Metasploit (true)

Plugin Information

Published: 2003/03/12, Modified: 2023/08/30

Plugin Output

udp/2049/rpc-nfs

```

The following NFS shares could be mounted :

+ /
  + Contents of / :
    - .
    - ..
    - bin
    - boot
    - cdrom
    - dev
    - etc
    - home
    - initrd
    - initrd.img
    - lib
    - lost+found
    - media
    - mnt
    - nohup.out
    - opt
    - proc
    - root
    - sbin
    - srv
    - sys
    - tmp
    - usr
    - var
    - vmlinuz
```

20007 - SSL Version 2 and 3 Protocol Detection

Synopsis

The remote service encrypts traffic using a protocol with known weaknesses.

Description

The remote service accepts connections encrypted using SSL 2.0 and/or SSL 3.0. These versions of SSL are affected by several cryptographic flaws, including:

- An insecure padding scheme with CBC ciphers.

- Insecure session renegotiation and resumption schemes.

An attacker can exploit these flaws to conduct man-in-the-middle attacks or to decrypt communications between the affected service and clients.

Although SSL/TLS has a secure means for choosing the highest supported version of the protocol (so that these versions will be used only if the client or server support nothing better), many web browsers implement this in an unsafe way that allows an attacker to downgrade a connection (such as in POODLE). Therefore, it is recommended that these protocols be disabled entirely.

NIST has determined that SSL 3.0 is no longer acceptable for secure communications. As of the date of enforcement found in PCI DSS v3.1, any version of SSL will not meet the PCI SSC's definition of 'strong cryptography'.

See Also

https://www.schneier.com/academic/paperfiles/paper-ssl.pdf

http://www.nessus.org/u?b06c7e95

http://www.nessus.org/u?247c4540

https://www.openssl.org/~bodo/ssl-poodle.pdf

http://www.nessus.org/u?5d15ba70

https://www.imperialviolet.org/2014/10/14/poodle.html

https://tools.ietf.org/html/rfc7507

https://tools.ietf.org/html/rfc7568

Solution

Consult the application's documentation to disable SSL 2.0 and 3.0.

Use TLS 1.2 (with approved cipher suites) or higher instead.

Risk Factor

Critical

CVSS v3.0 Base Score

9.8 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

Plugin Information

Published: 2005/10/12, Modified: 2022/04/04

Plugin Output

tcp/25/smtp

```
- SSLv2 is enabled and the server supports at least one cipher.

  Low Strength Ciphers (<= 64-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    EXP-RC2-CBC-MD5                                RSA(512)      RSA      RC2-CBC(40)            MD5
       export
    EXP-RC4-MD5                                    RSA(512)      RSA      RC4(40)                MD5
       export

  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DES-CBC3-MD5                                   RSA           RSA      3DES-CBC(168)          MD5

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    RC4-MD5                                        RSA           RSA      RC4(128)               MD5

The fields above are :

  {Tenable ciphername}
  {Cipher ID code}
  Kex={key exchange}
  Auth={authentication}
  Encrypt={symmetric encryption method}
  MAC={message authentication code}
  {export flag}

- SSLv3 is enabled and the server supports at least one cipher.
Explanation: TLS 1.0 and SSL 3.0 cipher suites may be used with SSLv3


  Low Strength Ciphers (<= 64-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    EXP-EDH-RSA-DES-CBC-SHA                        DH(512)       RSA      DES-CBC(40)
 SHA1      export
    EDH-RSA-DES-CBC-SHA                            DH            RSA      DES-CBC(56)            SHA
 [...]
```

20007 - SSL Version 2 and 3 Protocol Detection

Synopsis

The remote service encrypts traffic using a protocol with known weaknesses.

Description

The remote service accepts connections encrypted using SSL 2.0 and/or SSL 3.0. These versions of SSL are affected by several cryptographic flaws, including:

- An insecure padding scheme with CBC ciphers.

- Insecure session renegotiation and resumption schemes.

An attacker can exploit these flaws to conduct man-in-the-middle attacks or to decrypt communications between the affected service and clients.

Although SSL/TLS has a secure means for choosing the highest supported version of the protocol (so that these versions will be used only if the client or server support nothing better), many web browsers implement this in an unsafe way that allows an attacker to downgrade a connection (such as in POODLE). Therefore, it is recommended that these protocols be disabled entirely.

NIST has determined that SSL 3.0 is no longer acceptable for secure communications. As of the date of enforcement found in PCI DSS v3.1, any version of SSL will not meet the PCI SSC's definition of 'strong cryptography'.

See Also

https://www.schneier.com/academic/paperfiles/paper-ssl.pdf

http://www.nessus.org/u?b06c7e95

http://www.nessus.org/u?247c4540

https://www.openssl.org/~bodo/ssl-poodle.pdf

http://www.nessus.org/u?5d15ba70

https://www.imperialviolet.org/2014/10/14/poodle.html

https://tools.ietf.org/html/rfc7507

https://tools.ietf.org/html/rfc7568

Solution

Consult the application's documentation to disable SSL 2.0 and 3.0.

Use TLS 1.2 (with approved cipher suites) or higher instead.

Risk Factor

Critical

CVSS v3.0 Base Score

9.8 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

Plugin Information

Published: 2005/10/12, Modified: 2022/04/04

Plugin Output

tcp/5432/postgresql

```
- SSLv3 is enabled and the server supports at least one cipher.
Explanation: TLS 1.0 and SSL 3.0 cipher suites may be used with SSLv3


  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    EDH-RSA-DES-CBC3-SHA                           DH            RSA      3DES-CBC(168)
 SHA1
    DES-CBC3-SHA                                   RSA           RSA      3DES-CBC(168)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DHE-RSA-AES128-SHA                             DH            RSA      AES-CBC(128)
 SHA1
    DHE-RSA-AES256-SHA                             DH            RSA      AES-CBC(256)
 SHA1
    AES128-SHA                                     RSA           RSA      AES-CBC(128)
 SHA1
    AES256-SHA                                     RSA           RSA      AES-CBC(256)
 SHA1
    RC4-SHA                                        RSA           RSA      RC4(128)
 SHA1

The fields above are :

  {Tenable ciphername}
  {Cipher ID code}
  Kex={key exchange}
  Auth={authentication}
  Encrypt={symmetric encryption method}
  MAC={message authentication code}
  {export flag}
```

61708 - VNC Server 'password' Password

Synopsis

A VNC server running on the remote host is secured with a weak password.

Description

The VNC server running on the remote host is secured with a weak password. Nessus was able to login using VNC authentication and a password of 'password'. A remote, unauthenticated attacker could exploit this to take control of the system.

Solution

Secure the VNC service with a strong password.

Risk Factor

Critical

CVSS v2.0 Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

Plugin Information

Published: 2012/08/29, Modified: 2015/09/24

Plugin Output

tcp/5900/vnc

```
Nessus logged in using a password of "password".
```

Remediation

Per la remediation, ho preso in considerazione le seguenti vulnerabilità:

i) 51988 - Bind Shell Backdoor Detection

- ✓ **Sulla porta 1524 è in esecuzione il demone del super server xinetd. Basta semplicemente usare un comando come netcat (comando: *nc ip_Metasploitable 1524*) per ottenere l'accesso root alla macchina.**
- ✓ **L'exploit funziona grazie alla backdoor *Ingreslock* posizionata sulla macchina. Andando su */etc/inetd.conf*, si può vedere che l'ultima riga contiene il seguente codice:**
  ingreslock stream tcp nowait root /bin/bash -i
  Tutto ciò che deve essere fatto qui è eliminare l'intera riga e quindi riavviare la macchina.

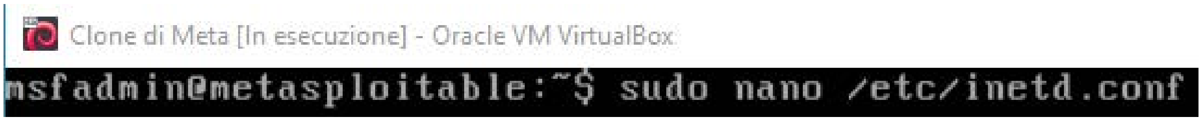
ii) 11356 - NFS Exported Share Information Disclosure

- ✓ **Porta 2049. È possibile accedere alle condivisioni NFS (Network File System) sull'host remoto. Almeno una delle condivisioni NFS esportate dal server remoto potrebbe essere montata dall'host di scansione. Un utente malintenzionato potrebbe essere in grado di sfruttare questa vulnerabilità per leggere - ed eventualmente scrivere - file sull'host remoto. La soluzione è quella di configurare NFS sull'host remoto in modo che solo gli host autorizzati possano montare le sue condivisioni remote.**
- ✓ **Questa vulnerabilità può essere sistemata in diversi modi, come per esempio andando ad aggiungere comandi iptables (lavorando quindi sul firewall) per impedire all'IP della macchina Kali di tentare di montare la macchina Metasploitable. Altro metodo è quello di eliminare i privilegi di scrittura e lettura nel file */etc/exports,* così da impedire all'host di accedere alle condivisioni. Vedremo entrambe le procedure.**

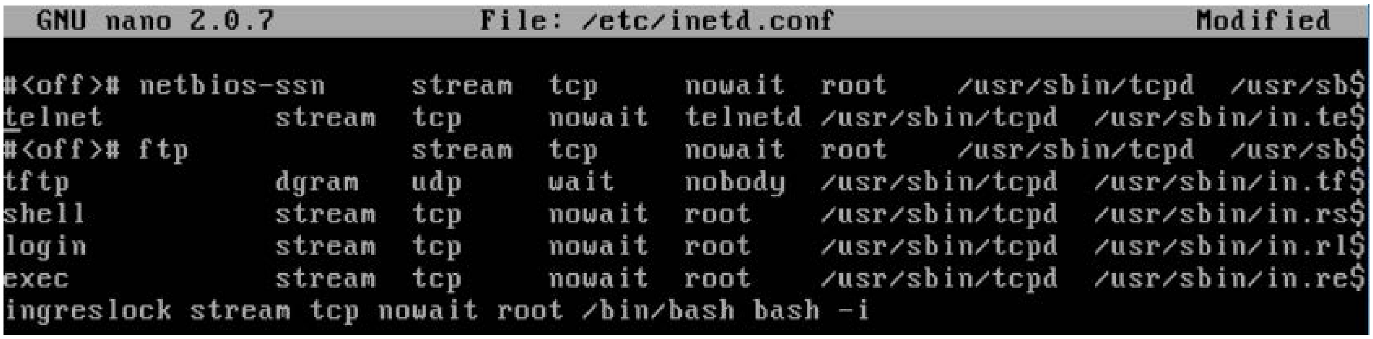
iii) 61708 - VNC Server 'password' Password

- ✓ **Porta 5900. Un server VCN (Virtual Network Computing) in esecuzione sull'host remoto è protetto con una password debole. Nessus è stato in grado di effettuare il login utilizzando la password 'password'. Un utente remoto malintenzionato e non autenticato potrebbe sfruttare questa situazione per assumere il controllo del sistema.**
- ✓ **La soluzione è di mettere in sicurezza il server VNC con una password robusta.**

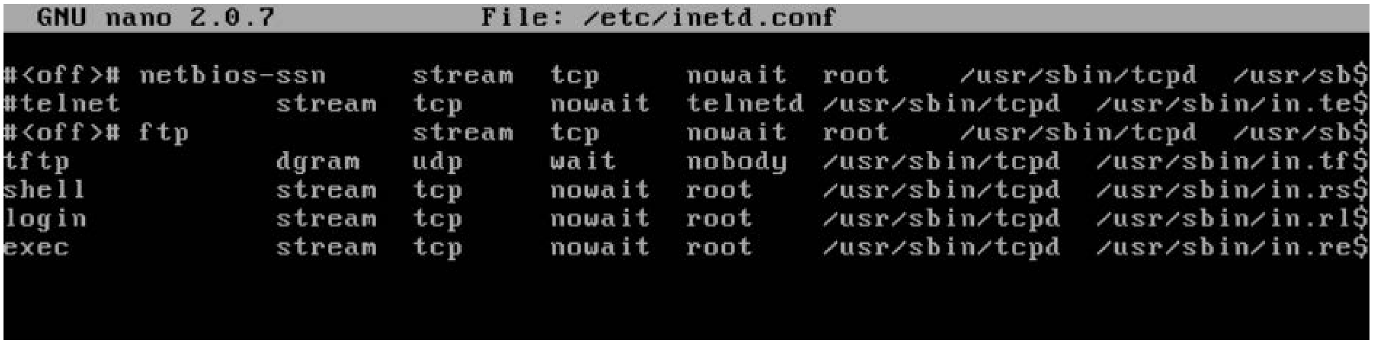
i) 51988 - Bind Shell Backdoor Detection



```
msfadmin@metasploitable:~$ sudo nano /etc/inetd.conf
```



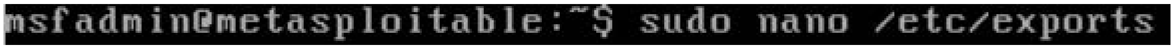
```
  GNU nano 2.0.7              File: /etc/inetd.conf                        Modified

#<off># netbios-ssn     stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sb$
telnet          stream  tcp     nowait  telnetd /usr/sbin/tcpd  /usr/sbin/in.te$
#<off># ftp             stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sb$
tftp            dgram   udp     wait    nobody  /usr/sbin/tcpd  /usr/sbin/in.tf$
shell           stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sbin/in.rs$
login           stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sbin/in.rl$
exec            stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sbin/in.re$
ingreslock stream tcp nowait root /bin/bash bash -i
```



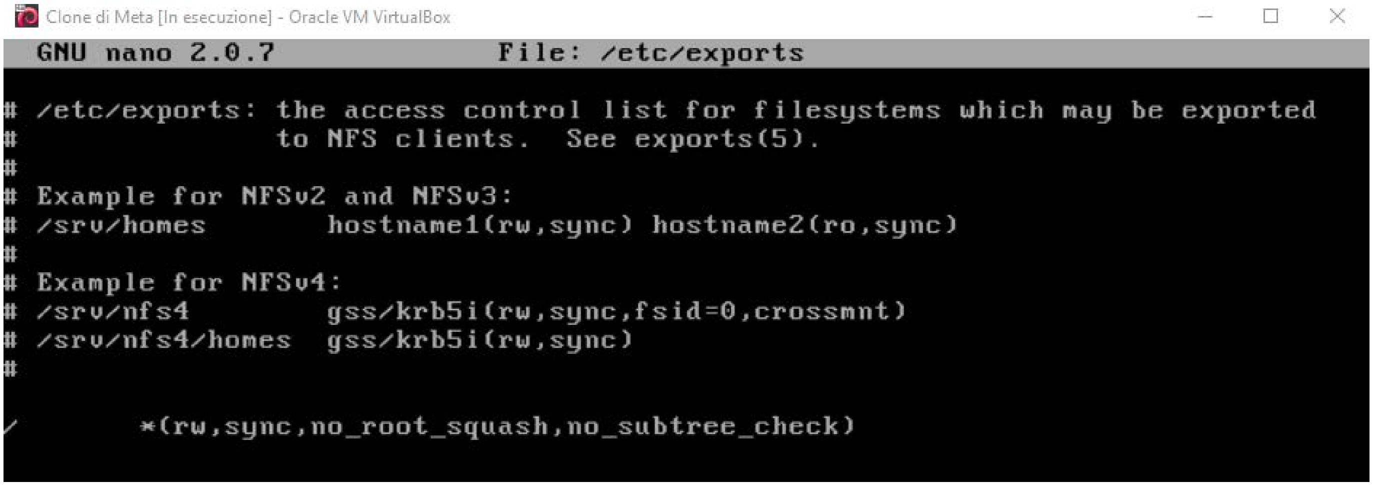
```
  GNU nano 2.0.7              File: /etc/inetd.conf

#<off># netbios-ssn     stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sb$
#telnet         stream  tcp     nowait  telnetd /usr/sbin/tcpd  /usr/sbin/in.te$
#<off># ftp             stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sb$
tftp            dgram   udp     wait    nobody  /usr/sbin/tcpd  /usr/sbin/in.tf$
shell           stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sbin/in.rs$
login           stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sbin/in.rl$
exec            stream  tcp     nowait  root    /usr/sbin/tcpd  /usr/sbin/in.re$
```

All'interno del file di configurazione, oltre ad aver eliminato l'ultima riga, come da risoluzione del problema della backdoor proposta, ho anche disabilitato il protocollo Telnet, commentandolo, dal momento che ci sono un paio di exploit che utilizzano proprio questo protocollo.

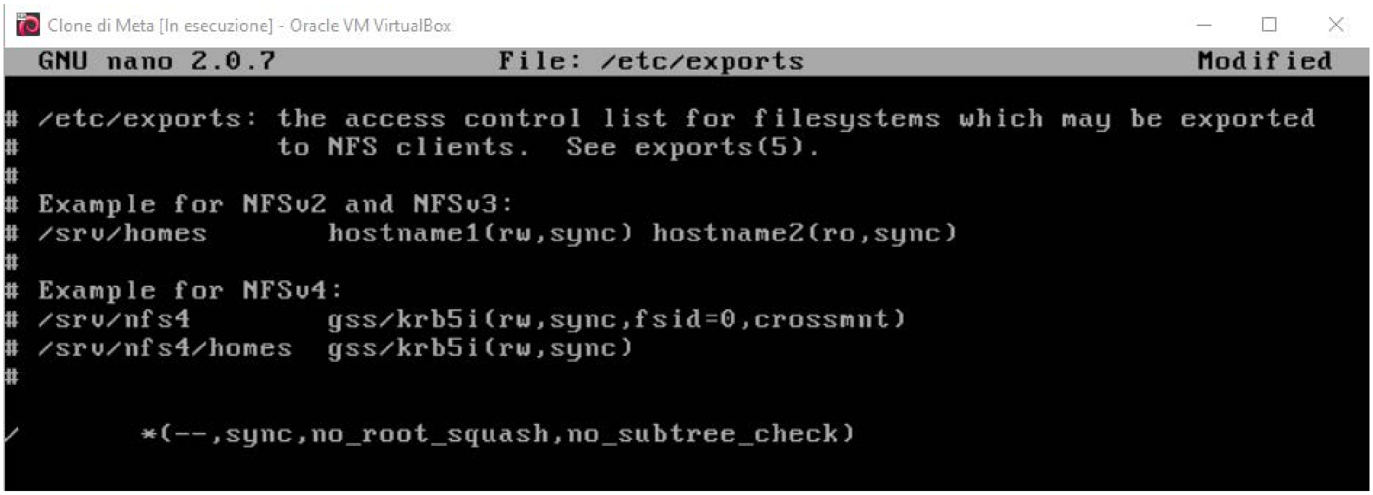
ii) 11356 - NFS Exported Share Information Disclosure



```
msfadmin@metasploitable:~$ sudo nano /etc/exports
```

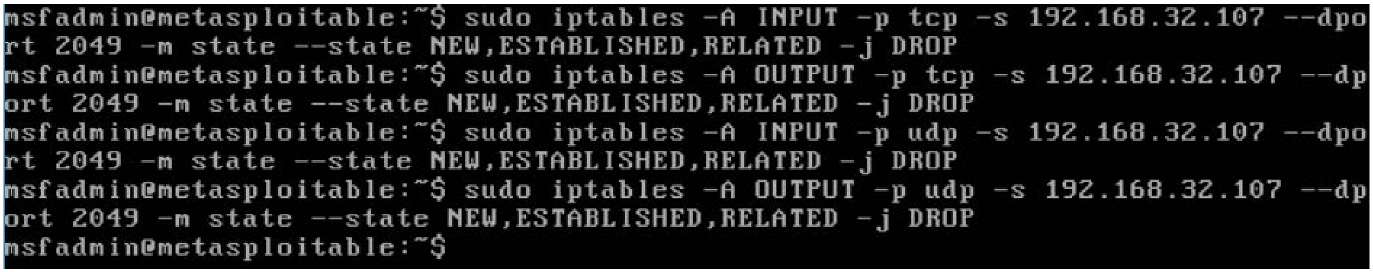


```
  GNU nano 2.0.7               File: /etc/exports

# /etc/exports: the access control list for filesystems which may be exported
#               to NFS clients.  See exports(5).
#
# Example for NFSv2 and NFSv3:
# /srv/homes       hostname1(rw,sync) hostname2(ro,sync)
#
# Example for NFSv4:
# /srv/nfs4        gss/krb5i(rw,sync,fsid=0,crossmnt)
# /srv/nfs4/homes  gss/krb5i(rw,sync)
#

/       *(rw,sync,no_root_squash,no_subtree_check)
```



```
  GNU nano 2.0.7               File: /etc/exports                    Modified

# /etc/exports: the access control list for filesystems which may be exported
#               to NFS clients.  See exports(5).
#
# Example for NFSv2 and NFSv3:
# /srv/homes       hostname1(rw,sync) hostname2(ro,sync)
#
# Example for NFSv4:
# /srv/nfs4        gss/krb5i(rw,sync,fsid=0,crossmnt)
# /srv/nfs4/homes  gss/krb5i(rw,sync)
#

/       *(--,sync,no_root_squash,no_subtree_check)
```

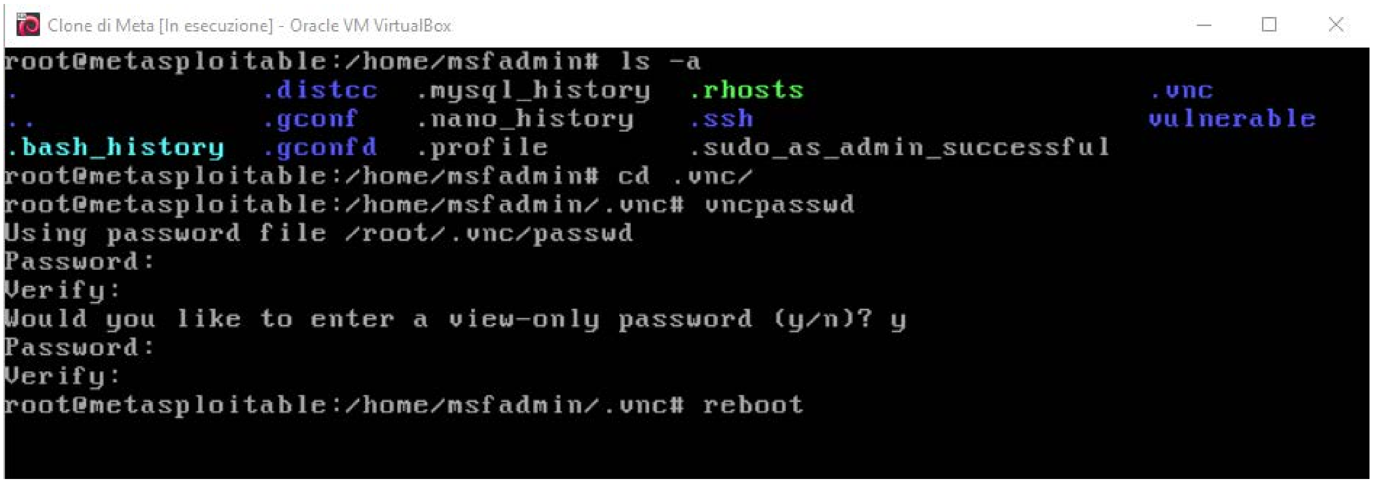
Primo metodo descritto, con modifica dei permessi di scrittura e lettura.



```
msfadmin@metasploitable:~$ sudo iptables -A INPUT -p tcp -s 192.168.32.107 --dpo
rt 2049 -m state --state NEW,ESTABLISHED,RELATED -j DROP
msfadmin@metasploitable:~$ sudo iptables -A OUTPUT -p tcp -s 192.168.32.107 --dp
ort 2049 -m state --state NEW,ESTABLISHED,RELATED -j DROP
msfadmin@metasploitable:~$ sudo iptables -A INPUT -p udp -s 192.168.32.107 --dpo
rt 2049 -m state --state NEW,ESTABLISHED,RELATED -j DROP
msfadmin@metasploitable:~$ sudo iptables -A OUTPUT -p udp -s 192.168.32.107 --dp
ort 2049 -m state --state NEW,ESTABLISHED,RELATED -j DROP
msfadmin@metasploitable:~$
```

Secondo metodo descritto, con permessi negati all'IP di Kali sulla porta 2049.

iii) 61708 - VNC Server 'password' Password



```
root@metasploitable:/home/msfadmin# ls -a
.               .distcc   .mysql_history   .rhosts                     .vnc
..              .gconf    .nano_history    .ssh                        vulnerable
.bash_history   .gconfd   .profile         .sudo_as_admin_successful
root@metasploitable:/home/msfadmin# cd .vnc/
root@metasploitable:/home/msfadmin/.vnc# vncpasswd
Using password file /root/.vnc/passwd
Password:
Verify:
Would you like to enter a view-only password (y/n)? y
Password:
Verify:
root@metasploitable:/home/msfadmin/.vnc# reboot
```

Cambio di password per il server VCN.

Seconda scansione con Nessus

192.168.32.101

4	1	19	6	70
CRITICAL	HIGH	MEDIUM	LOW	INFO

Vulnerabilities Total: 100

SEVERITY	CVSS V3.0	VPR SCORE	PLUGIN	NAME
CRITICAL	9.8	-	20007	SSL Version 2 and 3 Protocol Detection
CRITICAL	10.0	-	33850	Unix Operating System Unsupported Version Detection
CRITICAL	10.0*	-	32314	Debian OpenSSH/OpenSSL Package Random Number Generator Weakness
CRITICAL	10.0*	-	32321	Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)
HIGH	9.8	-	134862	Apache Tomcat AJP Connector Request Injection (Ghostcat)
MEDIUM	8.6	-	136769	ISC BIND Service Downgrade / Reflected DoS
MEDIUM	7.5	-	42873	SSL Medium Strength Cipher Suites Supported (SWEET32)
MEDIUM	7.5	-	90509	Samba Badlock Vulnerability
MEDIUM	6.5	-	139915	ISC BIND 9.x < 9.11.22, 9.12.x < 9.16.6, 9.17.x < 9.17.4 DoS
MEDIUM	6.5	-	51192	SSL Certificate Cannot Be Trusted
MEDIUM	6.5	-	57582	SSL Self-Signed Certificate
MEDIUM	6.5	-	104743	TLS Version 1.0 Protocol Detection
MEDIUM	5.9	-	136808	ISC BIND Denial of Service
MEDIUM	5.9	-	89058	SSL DROWN Attack Vulnerability (Decrypting RSA with Obsolete and Weakened eNcryption)
MEDIUM	5.9	-	65821	SSL RC4 Cipher Suites Supported (Bar Mitzvah)
MEDIUM	5.3	-	11213	HTTP TRACE / TRACK Methods Allowed
MEDIUM	5.3	-	57608	SMB Signing not required

MEDIUM	5.3	-	15901	SSL Certificate Expiry
MEDIUM	5.3	-	45411	SSL Certificate with Wrong Hostname
MEDIUM	5.3	-	26928	SSL Weak Cipher Suites Supported
MEDIUM	3.4	-	78479	SSLv3 Padding Oracle On Downgraded Legacy Encryption Vulnerability (POODLE)
MEDIUM	4.0*	-	52611	SMTP Service STARTTLS Plaintext Command Injection
MEDIUM	4.3*	-	90317	SSH Weak Algorithms Supported
MEDIUM	4.3*	-	81606	SSL/TLS EXPORT_RSA <= 512-bit Cipher Suites Supported (FREAK)
LOW	5.9	-	31705	SSL Anonymous Cipher Suites Supported
LOW	3.7	-	70658	SSH Server CBC Mode Ciphers Enabled
LOW	3.7	-	153953	SSH Weak Key Exchange Algorithms Enabled
LOW	3.7	-	83738	SSL/TLS EXPORT_DHE <= 512-bit Export Cipher Suites Supported (Logjam)
LOW	2.6*	-	71049	SSH Weak MAC Algorithms Enabled
LOW	2.6*	-	10407	X Server Detection
INFO	N/A	-	10114	ICMP Timestamp Request Remote Date Disclosure
INFO	N/A	-	10223	RPC portmapper Service Detection
INFO	N/A	-	21186	AJP Connector Detection
INFO	N/A	-	18261	Apache Banner Linux Distribution Disclosure
INFO	N/A	-	48204	Apache HTTP Server Version
INFO	N/A	-	84574	Backported Security Patch Detection (PHP)
INFO	N/A	-	39520	Backported Security Patch Detection (SSH)
INFO	N/A	-	39521	Backported Security Patch Detection (WWW)
INFO	N/A	-	45590	Common Platform Enumeration (CPE)
INFO	N/A	-	10028	DNS Server BIND version Directive Remote Version Detection
INFO	N/A	-	11002	DNS Server Detection

INFO	N/A	-	35371	DNS Server hostname.bind Map Hostname Disclosure
INFO	N/A	-	132634	Deprecated SSLv2 Connection Attempts
INFO	N/A	-	54615	Device Type
INFO	N/A	-	35716	Ethernet Card Manufacturer Detection
INFO	N/A	-	86420	Ethernet MAC Addresses
INFO	N/A	-	10092	FTP Server Detection
INFO	N/A	-	10107	HTTP Server Type and Version
INFO	N/A	-	24260	HyperText Transfer Protocol (HTTP) Information
INFO	N/A	-	10397	Microsoft Windows SMB LanMan Pipe Server Listing Disclosure
INFO	N/A	-	10785	Microsoft Windows SMB NativeLanManager Remote System Information Disclosure
INFO	N/A	-	11011	Microsoft Windows SMB Service Detection
INFO	N/A	-	100871	Microsoft Windows SMB Versions Supported (remote check)
INFO	N/A	-	106716	Microsoft Windows SMB2 and SMB3 Dialects Supported (remote check)
INFO	N/A	-	11219	Nessus SYN scanner
INFO	N/A	-	19506	Nessus Scan Information
INFO	N/A	-	11936	OS Identification
INFO	N/A	-	117886	OS Security Patch Assessment Not Available
INFO	N/A	-	181418	OpenSSH Detection
INFO	N/A	-	50845	OpenSSL Detection
INFO	N/A	-	48243	PHP Version Detection
INFO	N/A	-	66334	Patch Report
INFO	N/A	-	118224	PostgreSQL STARTTLS Support
INFO	N/A	-	26024	PostgreSQL Server Detection
INFO	N/A	-	22227	RMI Registry Detection

INFO	N/A	-	11111	RPC Services Enumeration
INFO	N/A	-	53335	RPC portmapper (TCP)
INFO	N/A	-	10263	SMTP Server Detection
INFO	N/A	-	42088	SMTP Service STARTTLS Command Support
INFO	N/A	-	70657	SSH Algorithms and Languages Supported
INFO	N/A	-	149334	SSH Password Authentication Accepted
INFO	N/A	-	10881	SSH Protocol Versions Supported
INFO	N/A	-	153588	SSH SHA-1 HMAC Algorithms Enabled
INFO	N/A	-	10267	SSH Server Type and Version Information
INFO	N/A	-	56984	SSL / TLS Versions Supported
INFO	N/A	-	45410	SSL Certificate 'commonName' Mismatch
INFO	N/A	-	10863	SSL Certificate Information
INFO	N/A	-	70544	SSL Cipher Block Chaining Cipher Suites Supported
INFO	N/A	-	21643	SSL Cipher Suites Supported
INFO	N/A	-	62563	SSL Compression Methods Supported
INFO	N/A	-	57041	SSL Perfect Forward Secrecy Cipher Suites Supported
INFO	N/A	-	51891	SSL Session Resume Supported
INFO	N/A	-	156899	SSL/TLS Recommended Cipher Suites
INFO	N/A	-	25240	Samba Server Detection
INFO	N/A	-	104887	Samba Version
INFO	N/A	-	96982	Server Message Block (SMB) Protocol Version 1 Enabled (uncredentialed check)
INFO	N/A	-	22964	Service Detection
INFO	N/A	-	17975	Service Detection (GET request)
INFO	N/A	-	25220	TCP/IP Timestamps Supported
INFO	N/A	-	11819	TFTP Daemon Detection

INFO	N/A	-	110723	Target Credential Status by Authentication Protocol - No Credentials Provided
INFO	N/A	-	10287	Traceroute Information
INFO	N/A	-	11154	Unknown Service Detection: Banner Retrieval
INFO	N/A	-	19288	VNC Server Security Type Detection
INFO	N/A	-	65792	VNC Server Unencrypted Communication Detection
INFO	N/A	-	10342	VNC Software Detection
INFO	N/A	-	135860	WMI Not Available
INFO	N/A	-	11424	WebDAV Detection
INFO	N/A	-	10150	Windows NetBIOS / SMB Remote Host Information Disclosure
INFO	N/A	-	52703	vsftpd Detection

* indicates the v3.0 score was not available; the v2.0 score is shown