

Remediation Metasploitable

```
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

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

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ sudo loadkeys it
[sudo] password for msfadmin:
Sorry, try again.
[sudo] password for msfadmin:
Loading /usr/share/keymaps/it.map.bz2
msfadmin@metasploitable:~$ sudo su
root@metasploitable:/home/msfadmin# vncpasswd
Using password file /root/.vnc/passwd
Password:
Password too short
root@metasploitable:/home/msfadmin# vncpasswd
Using password file /root/.vnc/passwd
Password:
Verify:
Would you like to enter a view-only password (y/n)? n
root@metasploitable:/home/msfadmin#
```

per la risoluzione del vnc abbiamo cambiato la password del server con una più solida da decifrare.

```
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)
```

Per il server nfs abbiamo invece disabilitato i permessi di scrittura/lettura e di modifica della directory da parte della root.

```
GNU nano 2.0.7      File: /etc/inetd.conf
#<off># netbios-ssn    stream  tcp    nowait  root    /usr/sbin/tcpd  /usr/sbin/in.td
telnet               stream  tcp    nowait  telnetd /usr/sbin/tcpd  /usr/sbin/in.tel
#<off># ftp            stream  tcp    nowait  root    /usr/sbin/tcpd  /usr/sbin/in.ft
tftp                 dgram  udp    wait    nobody   /usr/sbin/tcpd  /usr/sbin/in.tft
shell                stream  tcp    nowait  root    /usr/sbin/tcpd  /usr/sbin/in.rsh
login                stream  tcp    nowait  root    /usr/sbin/tcpd  /usr/sbin/in.rlogi
#exec                stream  tcp    nowait  root    /usr/sbin/tcpd  /usr/sbin/in.rex
#ingreslock stream tcp nowait root /bin/bash bash -i

[ Read 8 lines ]
^G Get Help  ^O WriteOut  ^R Read File  ^Y Prev Page  ^K Cut Text   ^C Cur Pos
^X Exit      ^J Justify   ^W Where Is   ^V Next Page  ^U UnCut Text ^T To Spell
```

Mentre per quanto riguarda la nostra backdoor abbiamo commentato la riga riferita ad ingreslock in quanto va a bloccare l'uso di netcat per l'accesso al root della nostra macchina.