## Universidad Tecnológica de Panamá

### Facultad de Ingeniería de Sistemas Computacionales

# Departamento de Sistemas de Información, Evaluación y Control de Recursos Informáticos

# Licenciatura en Ingeniería de Sistemas de Información Seguridad Informática

**Tarea #3: Overthewire challenge** 

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Grupo: 1IF141

**I Semestre** 

2022

### Over the wire

### Nivel 0

```
Comparing the state of the stat
```

### Nivel 0 to 1

```
executable on ELF binaries.

Finally, network-access is limited for most levels by a local firewall.

--[ Tools ]--

For your convenience we have installed a few usefull tools which you can find in the following locations:

* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/longld/peda.git) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/geda/
* yabinit (https://github.com/gdbinit/Gdbinti) in /usr/local/gdbinit/
* pwntools (https://github.com/gdallopsled/pwntools)
* radare2 (http://www.rtapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

--[ More information ]--

For more information regarding individual wargames, visit http://www.overthewire.org/wargames/

For support, questions or comments, contact us through IRC on irc.overthewire.org #wargames.

Enjoy your stay!

bandito@bandit:-$ is readme bandito@bandit:-$ is readme bandito@bandit:-$ cat readme bandito@bandit:-$ at readme bandito@bandit:-$ cat readme bandito@bandit.-$ cat readme bandit
```

Contraseña obtenida:

boJ9jbbUNNfktd78OOpsqOltutMc3MY1

Nivel 1 to 2

# Contraseña obtenida: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

### Nivel 2 to 3

```
For your convenience we have installed a few usefull tools which you can find in the following locations:

* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinti (https://github.com/gdbinti/Gdbinti) in /usr/local/gdbinti/
* pwntools (https://github.com/gdbinti/Gdbinti) in /usr/local/gdbinti/
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
--[ More information ]--

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irc.overthewire.org #wargames.

Enjoy your stay!

bandit2@bandit:-$ ls
spaces in this filename
bandit2@bandit:-$ cat spaces\
in\ this\ filename
bandit2@bandit:-$ cat spaces\ in\ this\ filename
UmHadQclWmgdLoKQ3YNgjMxGGRMb5luK
bandit2@bandit:-$ ar spaces\ in\ this\ filename
UmHadQclWmgdLoKQ3YNgjMxGGRMb5luK
```

#### Contraseña obtenida:

### UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

### Nivel 3 to 4

```
| Principal Profession | Profession | Profession | Profession | Principal Profession | Principal Principal
```

Contraseña obtenida: plwrPrtPN36QITSp3EQaw936yaFoFgAB

Nivel 4 to 5

```
bandit4@bandit: ~/inhere
 -[ More information ]--
  For more information regarding individual wargames, visit
  http://www.overthewire.org/wargames/
  For support, questions or comments, contact us through IRC on irc.overthewire.org \# wargames.
  Enjoy your stay!
oandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ ls -a
bandit4@bandit:~$ is -a

bandit4@bandit:~$ cd inhere .profile

bandit4@bandit:~$ cd inhere

bandit4@bandit:~$ inhere$ ls

-file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -file09

bandit4@bandit:~$ inhere$ file ./-*
./-file00: data
 /-file01: data
 /-file02: data
 .
/-file03: data
 /-file04: data
 /-file05: data
 /-file06: data
 /-file07: ASCII text
/-file08: data
 /-file09: data
pandit4@bandit:~/inhere$ cat ./-file07
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
 andit4@bandit:~/inhere$
```

# Contraseña obtenida: koReBOKuIDDepwhWk7jZC0RTdopnAYKh

### Nivel 5 to 6

```
For more information regarding individual wargames, visit http://www.overthewire.org/wargames/
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Enjoy your stay!
bandit5@bandit:-$ ls -a . . . . bash logout .bashrc inhere .profile bandit5@bandit:-\inhere$ ls -a . . . . maybehere01 maybehere04 maybehere07 maybehere10 maybehere13 maybehere19 .. maybehere01 maybehere08 maybehere08 maybehere08 maybehere08 maybehere08 maybehere01 maybehere11 maybehere14 maybehere17 maybehere17 maybehere17 maybehere18 maybehere18 maybehere18 maybehere18 maybehere18 maybehere18 maybehere18 maybehere18 maybehere19 ma
```

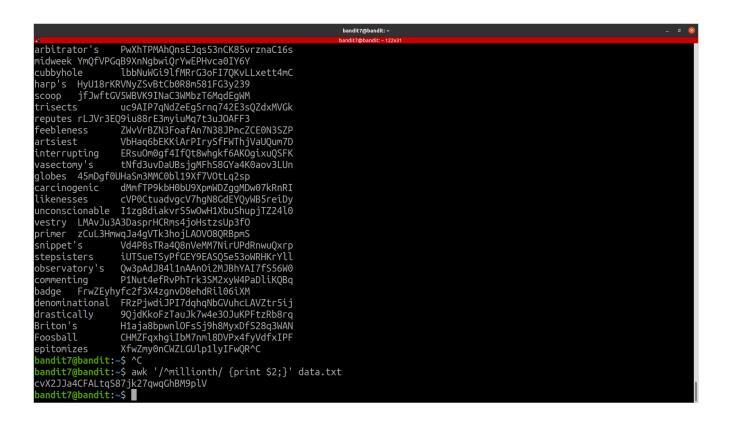
# Contraseña obtenida: DXjZPULLxYr17uwol01bNLQbtFemEgo7

#### Nivel 6 to 7

```
find: '/run/screen/S-bandit7': Permission denied
find: '/run/screen/S-bandit16': Permission denied
find: '/run/screen/S-bandit16': Permission denied
find: '/run/screen/S-bandit18': Permission denied
find: '/run/screen/S-bandit18': Permission denied
find: '/run/screen/S-bandit18': Permission denied
find: '/run/screen/S-bandit13': Permission denied
find: '/run/screen/S-bandit13': Permission denied
find: '/run/screen/S-bandit17': Permission denied
find: '/run/screen/S-bandit17': Permission denied
find: '/run/screen/S-bandit17': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/var/spool/con/con/contabs': Permission denied
find: '/var/spool/con/con/contabs': Permission denied
find: '/var/lib/pol/fisyslog': Permission denied
find: '/var/lib/pol/fisyslog': Permission denied
find: '/var/lib/pol/pol/sit-1': Permission denied
find: '/var/lib/pol/pol/sit-1': Permission denied
find: '/var/lib/pol/pol/sit-1': Permission denied
find: '/var/lib/pol/pol/sit-1': Permission denied
find: '/var/cache/foconfig': Permission denied
find: '/var/cache/foconfig': Permission denied
find: '/var/cache/foconfig': Permission denied
bandit@bandit:-$ cat /var/lib/phg/sinfo/bandit7.password
HKBPTKQnlay4Fw76Ey8PvXKEDQRKTzs
bandit@bandit:-$ cat /var/lib/phg/sinfo/bandit7.password
```

Contraseña obtenida: HKBPTKQnlay4Fw76bEy8PVxKEDQRKTzs

Nivel 7 to 8



Contraseña obtenida: cvX2JJa4CFALtqS87jk27qwqGhBM9plV

Nivel 8 to 9

```
Finally, network-access is limited for most levels by a local

firewall.

--[ Tools ]--

For your convenience we have installed a few usefull tools which you can find in the following locations:

* gef (https://github.com/pwndbg/pwndbg) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/onlongld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gablopinit/Gdbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/gablopsled/pwntools)

* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

--[ More information ]--

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Enjoy your stay!

bandita@bandit:-$ ls -a
... .bash logout .bashrc data.txt .profile bandita@bandit:-$ cat data.txt | sort | uniq -u
USVVYyFSTZWbilowgC7dAFyFRR6jQQUhR bandits@bandit:-$
```

Contraseña obtenida: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

Nivel 9 to 10

Contraseña obtenida: truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

Nivel 10 to 11

```
For your convenience we have installed a few usefull tools which you can find in the following locations:

* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/gabinit/dobinit) in /usr/local/geda/
* gdbinit (https://github.com/gdbinit/dobinit) in /usr/local/gdbinit/
* pwntools (https://github.com/gallopsled/pwntools)
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
--[ More information ]--
For more information regarding individual wargames, visit
http://www.overthewire.org/wargames/
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.

Enjoy your stay!
bandit10gbandit:-$ s - a
... bash logout .bashrc data.txt .profile
bandit10gbandit:-$ cat data.txt
VchlTHBhc3N3b3KIGLIZELGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSCg==
bandit10gbandit:-$ echo VchlTHBhc3N3b3JKIGLIZELGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSCg== | base64 --decode
The password is IFukwKGSFWBMOq3IRFqrxE1hxTNEbUPR
bandit10gbandit:-$ =
```

Contraseña obtenida: IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

Nivel 11 to 12

```
--[ Tools ]--

For your convenience we have installed a few usefull tools which you can find in the following locations:

* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/longld/peda.git) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gablinit/Gdbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)

* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

--[ More information ]--

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Enjoy your stay!

banditii@bandit:-$ ca data.txt .profile
banditii@bandit:-$ ca. data.txt
Gur cnffjbeq yf SGr8L4qetPEspk8htqjhRK8XSP6x2RHh | tr [a-zA-Z] [n-za-mN-ZA-M] The password is ST8BY4drgCRfCx8ugdwuEX8KFCGk2EUu banditii@bandit:-$ echo Gur cnffjbeq vf SGr8L4qetPEspk8htqjhRK8XSP6x2RHh | tr [a-zA-Z] [n-za-mN-ZA-M] The password is ST8BY4drgCRfCx8ugdwuEX8KFCGk2EUu banditii@bandit:-$ |
```

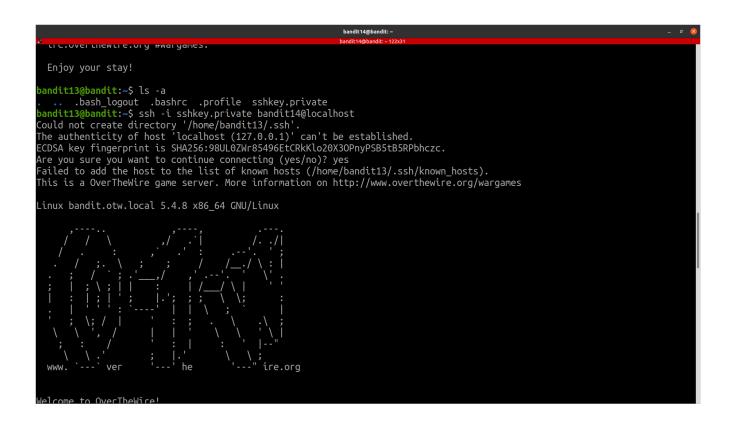
Contraseña obtenida: 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

Nivel 12 to 13

```
banditi2gbandit:-$ ls -a
... .bash logout .bashrc data.txt .profile
banditi2gbandit:-$ rkdir /tmp/cuti
banditi2gbandit:-$ rxdir /tmp/cuti
banditi2gbandit:-$ rxd -r data.txt > /tmp/cuti/file.bin
banditi2gbandit:-$ cd /tmp/cuti
banditi2gbandit:/tmp/cuti$ ^C
banditi2gbandit:/tmp/cuti$ ls -a
... file.bin
banditi2gbandit:/tmp/cuti$ file file.bin
file.bin: gzip compressed data, was "data2.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
banditi2gbandit:/tmp/cuti$ file.bin | file -
/dev/stdin: bzip2 compressed data, block size = 900k
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | file -
/dev/stdin: gzip compressed data, was "data4.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | file -
/dev/stdin: pOSIX tar archive (GNU)
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | file -
/dev/stdin: bzip2 compressed data, block size = 900k
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | file -
/dev/stdin: bzip2 compressed data, block size = 900k
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | file -
/dev/stdin: pOSIX tar archive (GNU)
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | tar x0 | file -
/dev/stdin: pOSIX tar archive (GNU)
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | tar x0 | file -
/dev/stdin: pOSIX tar archive (GNU)
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | tar x0 | file -
/dev/stdin: gzip compressed data, was "data9.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | tar x0 | zcat | file -
/dev/stdin: ASCII text
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | tar x0 | zcat | file -
/dev/stdin: ASCII text
banditi2gbandit:/tmp/cuti$ zcat file.bin | bzcat | zcat | tar x0
```

Contraseña obtenida: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

Nivel 13 to 14



No obtenemos contraseña sino un pase ssh al siguiente nivel.

Nivel 14 to 15

```
* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pyndbg/pwndbg) in /usr/local/gef/
* pwndbg (https://github.com/longld/peda.git) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gablinit/Gdbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
--[ More information ]--

For more information regarding individual wargames, visit
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For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.

Enjoy your stay!

bandit14@bandit:-$ cat /etc/bandit_pass/bandit14

4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:-$ telnet localhost 30000

Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
Correct!
BfWYroe26WYali177FoDi9qh59eK5xNr

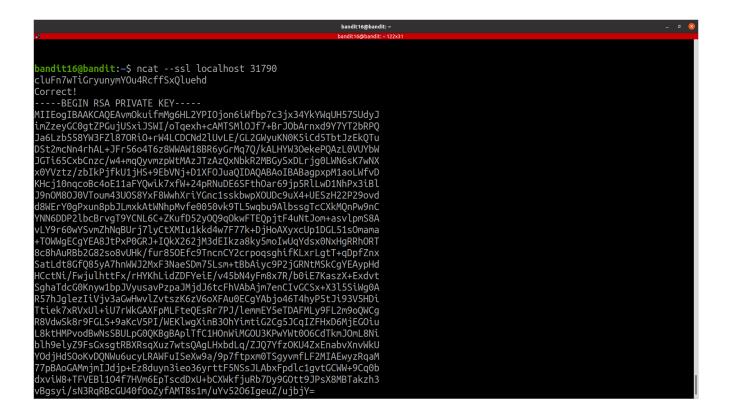
Connection closed by foreign host.
bandit14@bandit:-$
```

Contraseña obtenida: BfMYroe26WYalil77FoDi9qh59eK5xNr

Nivel 15 to 16

Contraseña obtenida: cluFn7wTiGryunymYOu4RcffSxQluehd

Nivel 16 to 17



### Contraseña obtenida:

### -----BEGIN RSA PRIVATE KEY-----

MIIEogIBAAKCAQEAvmOkuifmMg6HL2YPIOjon6iWfbp7c3jx34YkYWqUH57SUdyJ

imZzeyGC0gtZPGujUSxiJSWI/oTqexh+cAMTSMIOJf7+BrJObArnxd9Y7YT2bRPQ

Ja6Lzb558YW3FZl87ORiO+rW4LCDCNd2lUvLE/GL2GWyuKN0K5iCd5TbtJzEk

DSt2mcNn4rhAL+JFr56o4T6z8WWAW18BR6yGrMq7Q/kALHYW3OekePQAzL 0VUYbW

JGTi65CxbCnzc/w4+mqQyvmzpWtMAzJTzAzQxNbkR2MBGySxDLrjg0LWN6sK7wNX

x0YVztz/zblkPjfkU1jHS+9EbVNj+D1XFOJuaQIDAQABAoIBABagpxpM1aoLWfvD

KHcj10nqcoBc4oE11aFYQwik7xfW+24pRNuDE6SFthOar69jp5RILwD1NhPx3iB

J9nOM8OJ0VToum43UOS8YxF8WwhXriYGnc1sskbwpXOUDc9uX4+UESzH22 P29ovd

d8WErY0gPxun8pbJLmxkAtWNhpMvfe0050vk9TL5wqbu9AlbssgTcCXkMQnPw9nC

YNN6DDP2lbcBrvgT9YCNL6C+ZKufD52yOQ9qOkwFTEQpjtF4uNtJom+asvlpm S8A

vLY9r60wYSvmZhNqBUrj7lyCtXMIu1kkd4w7F77k+DjHoAXyxcUp1DGL51sOma ma

+TOWWgECgYEA8JtPxP0GRJ+IQkX262jM3dElkza8ky5molwUqYdsx0NxHgRRhORT

8c8hAuRBb2G82so8vUHk/fur85OEfc9TncnCY2crpoqsghifKLxrLgtT+qDpfZnx SatLdt8GfQ85yA7hnWWJ2MxF3NaeSDm75Lsm+tBbAiyc9P2jGRNtMSkCgYEA ypHd

HCctNi/FwjulhttFx/rHYKhLidZDFYeiE/v45bN4yFm8x7R/b0iE7KaszX+Exdvt SghaTdcG0Knyw1bpJVyusavPzpaJMjdJ6tcFhVAbAjm7enClvGCSx+X3l5SiWg0 A

R57hJglezliVjv3aGwHwvlZvtszK6zV6oXFAu0ECgYAbjo46T4hyP5tJi93V5HDi Ttiek7xRVxUI+iU7rWkGAXFpMLFteQEsRr7PJ/lemmEY5eTDAFMLy9FL2m9oQ WCg

R8VdwSk8r9FGLS+9aKcV5PI/WEKlwgXinB3OhYimtiG2Cg5JCqlZFHxD6MjEGOiu

L8ktHMPvodBwNsSBULpG0QKBgBApITfC1HOnWiMGOU3KPwYWt0O6CdTkmJOmL8Ni

blh9elyZ9FsGxsgtRBXRsqXuz7wtsQAgLHxbdLq/ZJQ7YfzOKU4ZxEnabvXnvWkU

YOdjHdSOoKvDQNWu6ucyLRAWFuISeXw9a/9p7ftpxm0TSgyvmfLF2MIAEwyz RqaM

77pBAoGAMmjmlJdjp+Ez8duyn3ieo36yrttF5NSsJLAbxFpdlc1gvtGCWW+9Cq0 b

dxviW8+TFVEBI1O4f7HVm6EpTscdDxU+bCXWkfjuRb7Dy9GOtt9JPsX8MBTakzh3

vBgsyi/sN3RqRBcGU40fOoZyfAMT8s1m/uYv52O6lgeuZ/ujbjY=----END RSA PRIVATE KEY----

#### Nivel 17 to 18

Contraseña obtenida: kfBf3eYk5BPBRzwjqutbbfE887SVc5Yd

#### Nivel 18 to 19

```
executable on ELF binaries.

Finally, network-access is limited for most levels by a local firewall.

--[ Tools ]--

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* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pondbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/godpinit/odbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/com/godlposled/pwntools)

* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

--[ More information ]--

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For support, questions or comments, contact us through IRC on irc.overthewire.org #wargames.

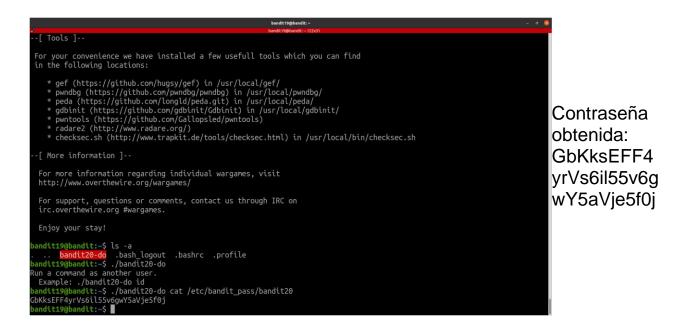
Enjoy your stay!

Byebye !

Connection to bandit.labs.overthewire.org closed.
(base) ferg@fernandocutire-pc:-$ ■
```

### Contraseña obtenida: lueksS7Ubh8G3DCwVzrTd8rAVOwq3M5x

### Nivel 19 to 20



Nivel 20 to 21

```
Enjoy your stay!

bandt20@bandt:-$ ls -a
... bash logout .bashrc .profile suconnect
bandt120@bandt:-$ ,/suconnect
Usage: ./suconnect vortnumber>
This program will connect to the given port on localhost using TCP. If it receives the correct password from the other side, the next password is transmitted back.
bandt120@bandt:-$ cat /etc/bandt1_pass/bandt120
CbkksEFF4yrVs6il55v6gwYSaVjeSf0j
bandt120@bandt:-$ ,/suconnect 1234
Could not connect
bandt120@bandt:-$ nmap -F localhosts

Starting Nmap 7.40 ( https://nmap.org ) at 2022-06-02 00:02 CEST
Failed to resolve "localhosts".
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.07 seconds
bandt120@bandt:-$ nmap -F localhost

Starting Nmap 7.40 ( https://nmap.org ) at 2022-06-02 00:02 CEST
Nmap scan report for localhost (127.0.0.1)
Host is up (0.00037s latency).
Not shown: 98 closed ports
PORT STATE SERVICE
22/tcp open ssh
li3/tcp open ident

Nmap done: 1 IP address (1 host up) scanned in 0.06 seconds
bandt120@bandt1:-$ ■
```

```
program will connect to the given port on localhost usi
                                                                                                                                          compile for 32bit
disable ProPolice
disable relro
 ng TCP. If it receives the correct password from the other
                                                                                                           -fno-stack-protector
 ide, the next password is transmitted back.
                                                                                                            -Wl,-z,noreˈlro
bandit20@bandit:~$ cat /etc/bandit_pass/bandit20
GbKksEFF4yrVs6il55v6gwY5aVje5f0j
                                                                                                        In addition, the execstack tool can be used to flag the stack as executable on ELF binaries.
 andit20@bandit:~$ ./suconnect 1234
 Could not connect
                                                                                                        Finally, network-access is limited for most levels by a local firewall.
 pandit20@bandit:~$ nmap -F localhosts
                                                                                                       -[ Tools ]--
Starting Nmap 7.40 ( https://nmap.org ) at 2022-06-02 00:02
CEST
                                                                                                       For your convenience we have installed a few usefull tools which you can f
 Failed to resolve "localhosts"
                                                                                                       in the following locations:
WARNING: No targets were specified, so 0 hosts scanned.
                                                                                                     * gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/logld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gdbinit/dbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
 Wmap done: 0 IP addresses (0 hosts up) scanned in 0.07 secon
bandit20@bandit:~$ nmap -F localhost
Starting Nmap 7.40 ( https://nmap.org ) at 2022-06-02 00:02
CEST
Mmap scan report for localhost (127.0.0.1)
Host is up (0.00037s latency).
Not shown: 98 closed ports
PORT STATE SERVICE
                                                                                                       -[ More information ]--
                                                                                                        For more information regarding individual wargames, visit http://www.overthewire.org/wargames/
22/tcp open ssh
113/tcp open ident
                                                                                                        For support, questions or comments, contact us through IRC on irc.overthewire.org \# wargames.
Nmap done: 1 IP address (1 host up) scanned in 0.06 seconds
                                                                                                        Enjoy your stay!
bandit20@bandit:~$ ./suconnect 1234
Read: GbKksEFF4yrVs6il55v6gwY5aVje5f0j
                                                                                                        andit20@bandit:~$ cat /etc/bandit_pass/bandit20 | nc -l localhost -p 1234
Password matches, sending next password bandit20@bandit:~$
                                                                                                      gE269g2h3mw3pwgrj0Ha9Uoqen1c9DGr
bandit20@bandit:~$ ■
```

Contraseña obtenida: gE269g2h3mw3pwgrj0Ha9Uoqen1c9DGr