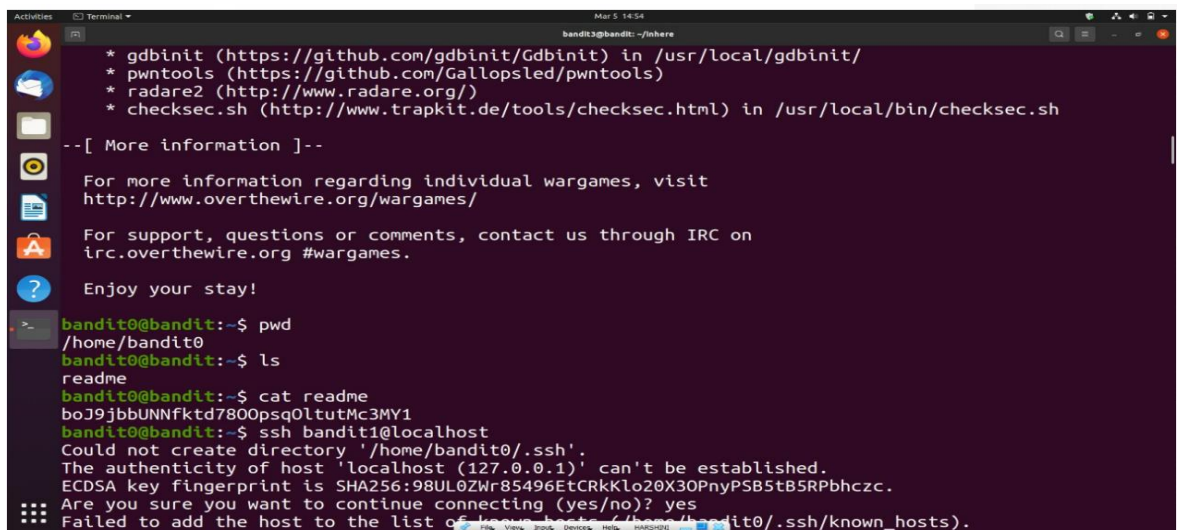


Name : Pabbisetty Harshini

Dept. : CCE 1<sup>st</sup> year

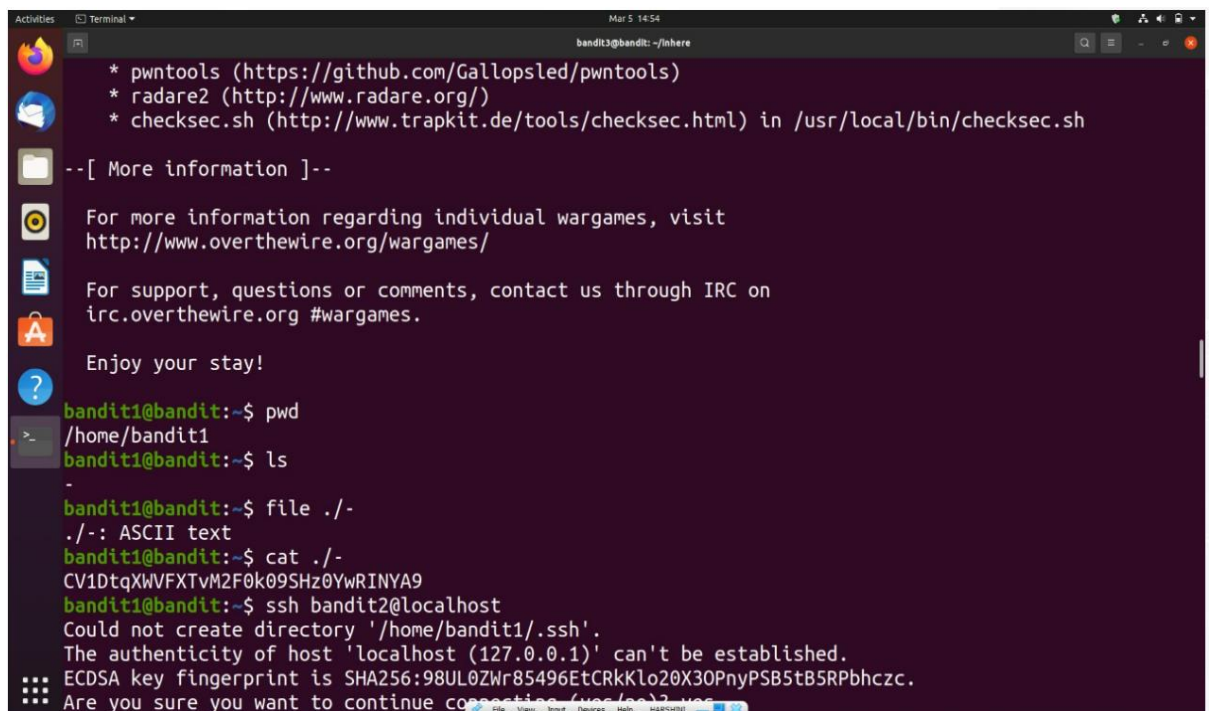
Task : 7

- LEVEL 0: boJ9jbbUNNfktd78OOpsqOltutMc3MY1

A terminal window showing the initial setup for Level 0. It lists tools like gdbinit, pwntools, radare2, and checksec.sh. It provides information about wargames and support. The user runs 'pwd' showing '/home/bandit0', 'ls' showing 'readme', and 'cat readme' showing the flag 'boJ9jbbUNNfktd78OOpsqOltutMc3MY1'. The user then attempts to run 'ssh bandit1@localhost' but fails to establish a connection.

```
bandit0@bandit0:~$ pwd
/home/bandit0
bandit0@bandit0:~$ ls
readme
bandit0@bandit0:~$ cat readme
boJ9jbbUNNfktd78OOpsqOltutMc3MY1
bandit0@bandit0:~$ ssh bandit1@localhost
Could not create directory '/home/bandit0/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZWf85496EtCrKkLo20X30PnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? yes
Failed to add the host to the list of known hosts (ssh-add -f /home/bandit0/.ssh/known_hosts).
```

- LEVEL 1: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

A terminal window showing the initial setup for Level 1. It lists tools like pwntools, radare2, and checksec.sh. It provides information about wargames and support. The user runs 'pwd' showing '/home/bandit1', 'ls' showing an empty directory, and 'file ./-' showing 'ASCII text'. The user then runs 'cat ./-' showing the flag 'CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9'. The user then attempts to run 'ssh bandit2@localhost' but fails to establish a connection.

```
bandit1@bandit1:~$ pwd
/home/bandit1
bandit1@bandit1:~$ ls
-
bandit1@bandit1:~$ file ./-
./-: ASCII text
bandit1@bandit1:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit1:~$ ssh bandit2@localhost
Could not create directory '/home/bandit1/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZWf85496EtCrKkLo20X30PnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? yes
```

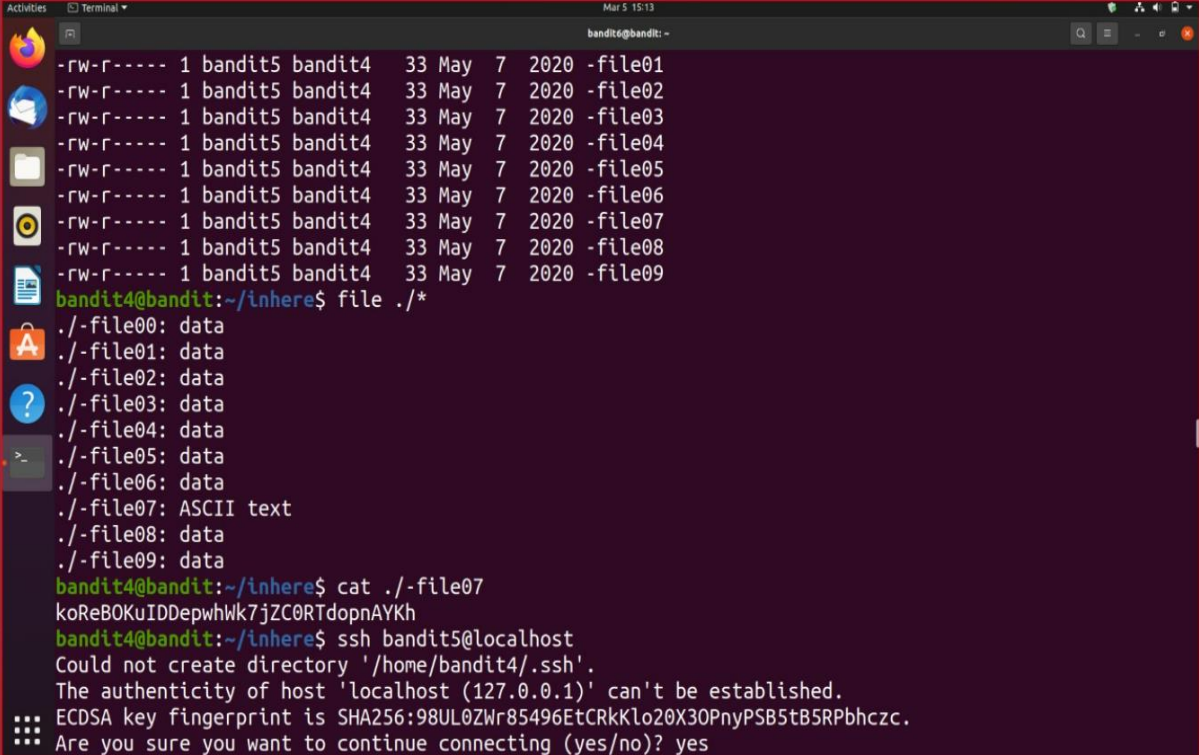
- LEVEL 2: UmHadQclWmgdLOKQ3YNgiWxGoRMb5luK

```
Activities Terminal Mar 5 14:55 bandit3@bandit: ~/inhere
* 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!
bandit2@bandit:~$ pwd
/home/bandit2
bandit2@bandit:~$ ls
spaces in this filename
bandit2@bandit:~$ cat 'spaces in this filename'
UmHadQclWmgdLOKQ3YNgiWxGoRMb5luK
bandit2@bandit:~$ ^C
bandit2@bandit:~$ ssh bandit3@localhost
Could not create directory '/home/bandit2/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZW85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? yes
Failed to add the host to the list of known hosts (/home/bandit2/.ssh/known_hosts).
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

- LEVEL 3: plWrPrtpN36QITSp3EQaw936yaFoFgAB

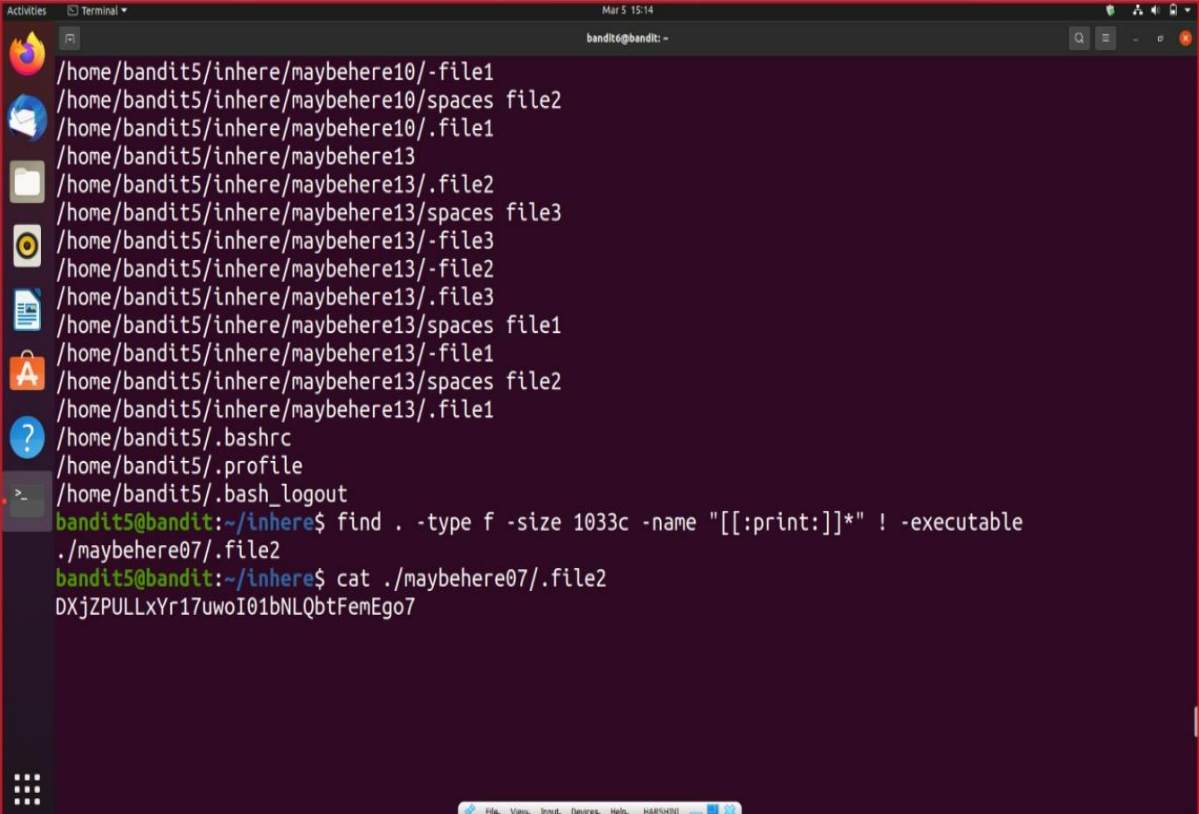
```
Activities Terminal Mar 5 14:55 bandit3@bandit: ~/inhere
Enjoy your stay!
bandit3@bandit:~$ pwd
/home/bandit3
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cat inhere
cat: inhere: Is a directory
bandit3@bandit:~$ ls -lah
total 24K
drwxr-xr-x  3 root root 4.0K May  7  2020 .
drwxr-xr-x 41 root root 4.0K May  7  2020 ..
-rw-r--r--  1 root root 220 May 15  2017 .bash_logout
-rw-r--r--  1 root root 3.5K May 15  2017 .bashrc
drwxr-xr-x  2 root root 4.0K May  7  2020 inhere
-rw-r--r--  1 root root 675 May 15  2017 .profile
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ ls -lah
total 12K
drwxr-xr-x  2 root  root  4.0K May  7  2020 .
drwxr-xr-x  3 root  root  4.0K May  7  2020 ..
-rw-r-----  1 bandit4 bandit3  33 May  7  2020 .hidden
bandit3@bandit:~/inhere$ cat .hidden
plWrPrtpN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$ ssh bandit4@localhost
```

- LEVEL 4: koReBOKuIDDepwhWk7jZC0RTdopnAYKh

A terminal window titled 'bandit@bandit: ~' showing the output of the 'ls -l' command, listing files from -file01 to -file09. The user then runs 'file ./file07', which identifies it as ASCII text. Finally, the user runs 'cat ./file07', displaying the flag 'koReBOKuIDDepwhWk7jZC0RTdopnAYKh'. An attempt to run 'ssh bandit5@localhost' fails with an error about the directory and host authenticity.

```
bandit@bandit: ~  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file01  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file02  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file03  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file04  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file05  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file06  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file07  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file08  
-rw-r----- 1 bandit5 bandit4 33 May 7 2020 -file09  
bandit4@bandit:~/inhere$ file ./file07  
./file07: ASCII text  
bandit4@bandit:~/inhere$ cat ./file07  
koReBOKuIDDepwhWk7jZC0RTdopnAYKh  
bandit4@bandit:~/inhere$ ssh bandit5@localhost  
Could not create directory '/home/bandit4/.ssh'.  
The authenticity of host 'localhost (127.0.0.1)' can't be established.  
ECDSA key fingerprint is SHA256:98UL0ZW85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.  
Are you sure you want to continue connecting (yes/no)? yes
```

- LEVEL 5: DXjZPULLxYr17uwoI01bNLQbtFemEgo7

A terminal window titled 'bandit@bandit: ~' showing the output of the 'ls -l' command, listing files from -file1 to -file13. The user then runs 'find . -type f -size 1033c -name "[[:print:]]\*" ! -executable', which finds the file './maybehere07/.file2'. Finally, the user runs 'cat ./maybehere07/.file2', displaying the flag 'DXjZPULLxYr17uwoI01bNLQbtFemEgo7'.

```
bandit@bandit: ~  
/home/bandit5/inhere/maybehere10/-file1  
/home/bandit5/inhere/maybehere10/spaces file2  
/home/bandit5/inhere/maybehere10/.file1  
/home/bandit5/inhere/maybehere13  
/home/bandit5/inhere/maybehere13/.file2  
/home/bandit5/inhere/maybehere13/spaces file3  
/home/bandit5/inhere/maybehere13/-file3  
/home/bandit5/inhere/maybehere13/-file2  
/home/bandit5/inhere/maybehere13/.file3  
/home/bandit5/inhere/maybehere13/spaces file1  
/home/bandit5/inhere/maybehere13/-file1  
/home/bandit5/inhere/maybehere13/spaces file2  
/home/bandit5/inhere/maybehere13/.file1  
/home/bandit5/.bashrc  
/home/bandit5/.profile  
/home/bandit5/.bash_logout  
bandit5@bandit:~/inhere$ find . -type f -size 1033c -name "[[:print:]]*" ! -executable  
./maybehere07/.file2  
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2  
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```



- LEVEL 6: HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

```

find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit31': Permission denied
find: '/run/screen/S-bandit17': Permission denied
find: '/run/screen/S-bandit2': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit14': Permission denied
find: '/run/screen/S-bandit13': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/shm': Permission denied
find: '/run/lock/lvm': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/tmp': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/polkit-1': Permission denied
/var/lib/dpkg/info/bandit7.password
find: '/var/log': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
bandit6@bandit:~$ find / -user bandit7 -group bandit6 -size 33c 2>/dev/null
/var/lib/dpkg/info/bandit7.password
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
bandit6@bandit:~$

```

- LEVEL 7: cvX2JJa4CFALtqS87jk27qwqGhBM9pIV

```

total 4.0M
-rw-r----- 1 bandit8 bandit7 4.0M May  7 2020 data.txt
bandit7@bandit:~$ head -20 data.txt
head: cannot open 'data.txt' for reading: No such file or directory
bandit7@bandit:~$ head -20 data.txt
binning WnfnFPqkuhL2nWbBohzn2C4L5W0gwcLq
abuts v8PAwDdkGDdp5NsJ7ZFMSA7TJ5MkYDbm
fathead wBhCy0fqvbQdexz5kMKbTGoSgXw7s0H
attacks 3GzwGIZnBDdVvHvJk1pEf00YU7u0Ta
lopping H9hzvifp1Q04WF8EzcQNL5MDz5r1bzUC
tyrannosaurus WxtYXVar4sgInHp7YUpTz0jdUw1Ww0x8
reservists QDidoX6BN1MDTi0QwA6Vt82L9Rb64cm3
atrophy's mSpCwP9VgcGRn1SCD8R9bb9cPBL2yqkW
bolt's 726RB3lt2RmeCtbWEQ8lhUAXVB3Jfepy0
Klondikes wVh3ILxQAsKg8WnNFHp8GxtnSu213GbR
spatulas k7YBF0D09pnjHKVuDg12KA2hdfFLE0sG
emending ppqz0MTdjpt126Sy4sSISqh8kdn02fAC
gangrenes 3XssrPp6kgwTImB0QbDbVmVxHTNkQUCC
proportionate 0HoqF84boKrYnQm9xtcxaPdQ5D389g5c
sectarian pSVmt2ghL6WDbMtD71EIsuhNk2g0ADjs
subjugation 16WI1nJY9ySs7F0Wtsi7ZvOLw36Pcq0
embroideries m9ow4lmYnwSngaRZs6hYJiSNxFu1NL4Q
Skopje 7gqRJFPGcrLX7L47xnYX15hW66a7awlh
pony lGlg0C6a89LB7UHc1QZFDqSuVaYeG2Fy
hippos FJTUeFKW0xYplvgGcrnBlbXkYm1Vxzk2
bandit7@bandit:~$ grep millionth data.txt
millionth cvX2JJa4CFALtqS87jk27qwqGhBM9pIV
bandit7@bandit:~$ ssh bandit8@localhost
Could not create directory '/home/bandit7/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZW85496EtCRKklo20X30PnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? yes

```

- LEVEL 8: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr

```

qawWAO0quC3yHnfJI4zvPWzCBdfHQ8wa
RMlSPoAvF7WhgIcOdSQR2r6Zx0DNSUW
s1603Q2r4RPKqyoA8cspIRk0VdgEmFC3
SA05uWwMvCao2rzS8YRqUXh19SvnDpu0L
SHMAMUEzQe4mV7S3pETTFsyNRJjsZE2k
si952Ks1y6pt4AFenmm0oIp8n7W5d3bd
sYsokIATVvFUKU4sAHTtMarfjLZWwJ5i
SzwgS2AD5jP6yp0zp2bIvdqNyusRtrHj
TKUtQbeYnEzzYIne7BinoBx2bHFLBXzG
TThRardF2EXM047TIYkyPPLtvzZLcDf
tVW9iy1Ml0uHPK4usZnN8oZXbjRt2ATY
U0NYdD3wHZKpfEg9qGQOLJiMAJy6qxhS
UASW6CQwD6MRzftu6FAfyXBK0cVvnBLP
UJiCNvDNfgb3fcCj8PjjnAXHqU63UyJ
UjsVbcqKeJqdCZQCDmkzv6A9X7hLbNE4
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr
UVnZvhiVQECraz5jl8U14sMVZQhjXia
V2d9umHiuPLYLIDsuHj0Fr0EmreCZMaA
v9zaxkVA0dI0LITZY2uoCtB1fX2gmly9
VkBAEwyIibVkeURZV5mowiGg6i3m7Be0
w4zUWFGTUraAh8lNkS8gH3WK2zowBEkA
wBqr9xvf6mYTT5kLcTGGC6jb3ex94xHr
wjNwumEX58RUQTrufHMcIwz5Yx10GtTC
X1JHOUkrb4KgugMXIzMMWIWvRkeZleTI
XyeJdbrUJyGtdGx8cXLQST0pwu5cvpcA
yo0HbSe2GM0jJNHRQLxwoPp7ayYEmRKY
ySvsTwlMgnUF0n86Fgmn2TNjkS0LrV72
Z90C6DQpppreChPhwRJJV9YYTtrXNVc0
zdd2ctVveR0GeiS2NE3TeLZMeL5jL7iM
bandit8@bandit:~$ sort data.txt | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr
bandit8@bandit:~$

```

- LEVEL 9: truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

```

bandit9@bandit:~$ file data.txt
data.txt: data
bandit9@bandit:~$ strings data.txt | grep E "-+"
grep: invalid option -- '+'
Usage: grep [OPTION]... PATTERN [FILE]...
Try 'grep --help' for more information.
bandit9@bandit:~$ strings data.txt | grep E "-."
;yzEt!
AxEf
E>aS
A=|t&E
ZpES
x3tl%E
Emlld
zEwa
XEgp
Xk]E
bandit9@bandit:~$ ls
data.txt
bandit9@bandit:~$ strings data.txt | grep =
===== the*2i"4
=:G e
===== password
<I=zsGi
Z)===== is
A=|t&E
Zdb=
c^ LAh=3G
*$F=s
&===== truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
S=A.H&^
bandit9@bandit:~$

```

- LEVEL 10: IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

```
bandit10@bandit:~$ 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/pwndbg/pwndbg) in /usr/local/pwndbg/  
* peda (https://github.com/longld/peda.git) in /usr/local/peda/  
* gdbinit (https://github.com/gdbinit/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  
http://www.overthewire.org/wargames/  
  
For support, questions or comments, contact us through IRC on  
#wargames.  
  
Enjoy your stay!  
  
bandit10@bandit:~$ pwd  
/home/bandit10  
bandit10@bandit:~$ ls  
data.txt  
bandit10@bandit:~$ cat data.txt | base64 --decode  
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR  
bandit10@bandit:~$ ssh bandit11@
```

- LEVEL 11: 5Te8Y4drgCRfCx8ugdWuEX8KFC6k2EUu

```
* 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  
#wargames.  
  
Enjoy your stay!  
  
bandit11@bandit:~$ pwd  
/home/bandit11  
bandit11@bandit:~$ cat data.txt | tr a-zA-Z n-za-mN-ZA-M  
The password is 5Te8Y4drgCRfCx8ugdWuEX8KFC6k2EUu  
bandit11@bandit:~$ ssh bandit12@localhost  
Could not create directory '/home/bandit11/.ssh'.  
The authenticity of host 'localhost (127.0.0.1)' can't be established.  
ECDSA key fingerprint is SHA256:98UL0ZWr85496EtCRKklo20X30PnyPSB5tB5RPbhczc.  
Are you sure you want to continue connecting (yes/no)? yes  
Failed to add the host to the list of known hosts (/home/bandit11/.ssh/known_hosts).  
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames  
  
bandit12@localhost's password:  
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



- LEVEL 12: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

```
Activities Terminal Mar 5 20:27 bandit12@bandit: /tmp/hani21
--[ 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!
bandit12@bandit:~$ pwd
/home/bandit12
bandit12@bandit:~$ ls
data.txt
bandit12@bandit:~$ mkdir /tmp/hani21
bandit12@bandit:~$ cd /tmp/hani21
bandit12@bandit:/tmp/hani21$ cd ~
bandit12@bandit:~$ cp data.txt /tmp/hani21
bandit12@bandit:~$ cd /tmp/hani21
bandit12@bandit:/tmp/hani21$ file data.txt
data.txt: ASCII text
bandit12@bandit:/tmp/hani21$ xxd -r data.txt data1
bandit12@bandit:/tmp/hani21$ file data1
data1: gzip compressed data, was "data2.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/hani21$ ls -lah
total 2.0M
drwxr-sr-x 2 bandit12 root 4.0K Mar  5 15:56 .
drwxrws-wt 1 root    root 2.0M Mar  5 15:56 ..
-rw-r--r-- 1 bandit12 root 606 Mar  5 15:56 data1
-rw-r----- 1 bandit12 root 2.6K Mar  5 15:55 data.txt
bandit12@bandit:/tmp/hani21$
```

```
Activities Terminal Mar 5 21:02 bandit12@bandit: /tmp/hani21
data5.tar data6.bin data6.tar data.txt
bandit12@bandit:/tmp/hani21$ mv data6.bin data7.bz2
bandit12@bandit:/tmp/hani21$ ls
data5.tar data6.tar data7.bz2 data.txt
bandit12@bandit:/tmp/hani21$ bzip2 -d daat7.bz2
bzip2: Can't open input file daat7.bz2: No such file or directory.
bandit12@bandit:/tmp/hani21$ bzip2 -d data.bz2
bzip2: Can't open input file data.bz2: No such file or directory.
bandit12@bandit:/tmp/hani21$ bzip2 -d data7.bz2
bandit12@bandit:/tmp/hani21$ ls
data5.tar data6.tar data7 data.txt
bandit12@bandit:/tmp/hani21$ file data7
data7: POSIX tar archive (GNU)
bandit12@bandit:/tmp/hani21$ mv data7 data8.tar
bandit12@bandit:/tmp/hani21$ ls
data5.tar data6.tar data8.tar data.txt
bandit12@bandit:/tmp/hani21$ tar xf data8.tar
bandit12@bandit:/tmp/hani21$ ls
data5.tar data6.tar data8.bin data8.tar data.txt
bandit12@bandit:/tmp/hani21$ file data8.bin
data8.bin: gzip compressed data, was "data9.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/hani21$ mv data8.bin data9.gz
bandit12@bandit:/tmp/hani21$ ls
data5.tar data6.tar data8.tar data9.gz data.txt
bandit12@bandit:/tmp/hani21$ gzip -d data9.gz
bandit12@bandit:/tmp/hani21$ ls
data5.tar data6.tar data8.tar data9 data.txt
bandit12@bandit:/tmp/hani21$ file data9
data9: ASCII text
bandit12@bandit:/tmp/hani21$ cat data9
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
bandit12@bandit:/tmp/hani21$
```

- LEVEL 13: direct entry (we will find the password in next level)

4wcYUJFw0k0XLShIdzztnTBHlqxU3b3e

```

Activities Terminal Mar 5 21:13
bandit14@bandit: -

Enjoy your stay!

bandit13@bandit:~$ pwd
/home/bandit13
bandit13@bandit:~$ ls
sshkey.private
bandit13@bandit:~$ cat sshkey.private
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAQCAQAxK0E83W2cOT7IwFc9aPaaQmQdgzuXcv+ppZHa+buSkN+
gg8trc7Fw8NLGa5+Uzec2rEg0MeevB13AIoYp0MzyET46t+Jk9puNwZwI9XgB
ZufGtZEWbFWw/vVLNw0B4UMStGRWzGpPpEeSv5Tb1VjLZIBdGphTIK22Anz6Zb
ThMsUmyJafEwJ/T8PQ03myS91vUHEuo0MAzoUID4kN8MEZ3+XahyK0HJVq68KsV
ObefXG1vvA3GAJ29kxJaqrFgYnqZryWN7w3ChjNU4c/2Jkp+n8L0SxxaNA+HYA7
jiPyTF0is8uzMLYQ41Lzh/8/MpvhCQF8r22dwIDAQABAoIBAQC6dWbJhyE0zjeA
J3j/RWmap9MSzFj/wb2bfldNpwbB8rsJ4sZIDZQ7XuTh4LFygoAQSS+b8w3RXvzE
pvJt3Snu8hIDuLScj1VnB5py7BjU8g8aR/3FyjjYNAqx/TLfzLLYFOu7L9J6t67
xAh0tONG/u8FB5I3LA12Vp60vIwvdMeC4nOxChldpuPKNLA8rmmMVRTKQ+7TZVS
nXmwYckKUCUgzoVSpLNZa50ZU0ydpdy2+trH3MQa5KqN1YKjvF8RC47wo0YCKtsD
o3FFpQNFec9Taa3M5y+DfQqHkZFKIL3bJDNtnrVvtYK40/yelU4aZ/HA2DQzwe
oL1AfLEhAoGBAOnVjosBkm7sbLK+n4IEwPxs8S0mhpNtDUy5WGrpScrX0msVIBUF
lal3ZGL3x3CtWtCnEuc89DvN2HZkucp/h6hTKUYLqXuyLD8njTrbRhLgbC90rKr5
M1F2FSTxVqPtZD1DMWjNR04XHA/fKh8bXXyTmqOHNTJTHHh3McdURjAoGBANKU
1hqfnn7+aXncJ9bJysr1ZwbQ0ESND8AFgwaKuGTUVX2NsUQnCMdOp+wFak40JH
PKWk3NdBG+ex0H9JNQsTK3X5PBMS8AF0GrKeuKWA6erytVtqj0FLYcdp5+z9s
8DtVCxduVsM+L4X8UqIG0LvgbtKEVokHPFXP1q/dAoGAcHg5YX7WEehCgCYtZpO+
xysX8Sc2q56xuZ3MqUWAxUmkh7NGZvhe0sGy9L0dANZKw7mUUFVLaCMR/t54W1
GC83s0s3D7nMj8x3Nd08Xf1t7d9a24STva0YQ7KgmppSg/ScKcW4c3eLLava+J
3btN3eStU+8ZXq9XjPpRkUcYAY7Z6Li0QKxNeXh3qHXcnHok85SnaUj5FJNpPbY
IdkyZ8ySF8GLcFsky8Yw6fWcQfC3z0r0hJ5l9JnEs8h7SadkwsZhvecQ59t4vby
9/8X4j50P8lbfCKS4nBP+DT81kkkg5Z5MohXBORA7Vmx+ACohcDEkprsq+w32xe0
qT1EVQK8gQDKmBws2ByvSUVs9GjTlCaJfQLJ0eVvzRPaY6f++Gv/UVFAPV4c+S0
kAwpXbv5tbkzb50ealPTKglZavXtQoTkwRjpoLHKIHUz6Wu+n4abfAIRFub0dN
/+aL0R0y8DRbDXm5ZN/jvY44eM+xRLdRvYmndPtP8belRi2E2aEzA==
-----END RSA PRIVATE KEY-----
bandit13@bandit:~$ ssh bandit14@localhost -i sshkey.private
..
..
..
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98ll07UcR5A96FcrPK102VY30RpuS85tP50bhzg

```

- LEVEL 14: BfMYroe26WYalil77FoDi9qh59eK5xNr

```

Activities Terminal Mar 5 21:18
bandit14@bandit: /etc/bandit_pass

drwxr-xr-x 4 root root 4.0K May 3 2020 x11
drwxr-xr-x 2 root root 4.0K May 3 2020 xdg
drwxr-xr-x 2 root root 4.0K May 3 2020 xnl
bandit14@bandit:/etc$ cd bandit_pass
bandit14@bandit:/etc/bandit_pass$ ls -lah
total 144K
drwxr-xr-x 2 root root 4.0K May 7 2020 .
drwxr-xr-x 87 root root 4.0K May 14 2020 ..
-r----- 1 bandit0 bandit0 8 May 7 2020 bandit0
-r----- 1 bandit1 bandit1 33 May 7 2020 bandit1
-r----- 1 bandit10 bandit10 33 May 7 2020 bandit10
-r----- 1 bandit11 bandit11 33 May 7 2020 bandit11
-r----- 1 bandit12 bandit12 33 May 7 2020 bandit12
-r----- 1 bandit13 bandit13 33 May 7 2020 bandit13
-r----- 1 bandit14 bandit14 33 May 7 2020 bandit14
-r----- 1 bandit15 bandit15 33 May 7 2020 bandit15
-r----- 1 bandit16 bandit16 33 May 7 2020 bandit16
-r----- 1 bandit17 bandit17 33 May 7 2020 bandit17
-r----- 1 bandit18 bandit18 33 May 7 2020 bandit18
-r----- 1 bandit19 bandit19 33 May 7 2020 bandit19
-r----- 1 bandit2 bandit2 33 May 7 2020 bandit2
-r----- 1 bandit20 bandit20 33 May 7 2020 bandit20
-r----- 1 bandit21 bandit21 33 May 7 2020 bandit21
-r----- 1 bandit22 bandit22 33 May 7 2020 bandit22
-r----- 1 bandit23 bandit23 33 May 7 2020 bandit23
-r----- 1 bandit24 bandit24 33 May 7 2020 bandit24
-r----- 1 bandit25 bandit25 33 May 7 2020 bandit25
-r----- 1 bandit26 bandit26 33 May 7 2020 bandit26
-r----- 1 bandit27 bandit27 33 May 7 2020 bandit27
-r----- 1 bandit28 bandit28 33 May 7 2020 bandit28
-r----- 1 bandit29 bandit29 33 May 7 2020 bandit29
-r----- 1 bandit3 bandit3 33 May 7 2020 bandit3
-r----- 1 bandit30 bandit30 33 May 7 2020 bandit30
-r----- 1 bandit31 bandit31 33 May 7 2020 bandit31
-r----- 1 bandit32 bandit32 33 May 7 2020 bandit32
-r----- 1 bandit33 bandit33 33 May 7 2020 bandit33
-r----- 1 bandit4 bandit4 33 May 7 2020 bandit4
-r----- 1 bandit5 bandit5 33 May 7 2020 bandit5
-r----- 1 bandit6 bandit6 33 May 7 2020 bandit6
-r----- 1 bandit7 bandit7 33 May 7 2020 bandit7
-r----- 1 bandit8 bandit8 33 May 7 2020 bandit8
-r----- 1 bandit9 bandit9 33 May 7 2020 bandit9
bandit14@bandit:/etc/bandit_pass$ cat bandit14
4wcYUJFw0k0XLShIdzztnTBHlqxU3b3e
bandit14@bandit:/etc/bandit_pass$

```



```
Activities Terminal Mar 5 21:24
bandit14@bandit: /etc/bandit_pass

-r----- 1 bandit25 bandit25 33 May 7 2020 bandit25
-r----- 1 bandit26 bandit26 33 May 7 2020 bandit26
-r----- 1 bandit27 bandit27 33 May 7 2020 bandit27
-r----- 1 bandit28 bandit28 33 May 7 2020 bandit28
-r----- 1 bandit29 bandit29 33 May 7 2020 bandit29
-r----- 1 bandit3 bandit3 33 May 7 2020 bandit3
-r----- 1 bandit30 bandit30 33 May 7 2020 bandit30
-r----- 1 bandit31 bandit31 33 May 7 2020 bandit31
-r----- 1 bandit32 bandit32 33 May 7 2020 bandit32
-r----- 1 bandit33 bandit33 33 May 7 2020 bandit33
-r----- 1 bandit4 bandit4 33 May 7 2020 bandit4
-r----- 1 bandit5 bandit5 33 May 7 2020 bandit5
-r----- 1 bandit6 bandit6 33 May 7 2020 bandit6
-r----- 1 bandit7 bandit7 33 May 7 2020 bandit7
-r----- 1 bandit8 bandit8 33 May 7 2020 bandit8
-r----- 1 bandit9 bandit9 33 May 7 2020 bandit9

bandit14@bandit: /etc/bandit_pass$ cat bandit14
4wcYUJFW0k0XLSHLDzztnTBHiqxU3b3e
bandit14@bandit: /etc/bandit_pass$ nc localhost 30000

Wrong! Please enter the correct current password
bandit14@bandit: /etc/bandit_pass$ cat /etc/bandit_pass/bandit14
4wcYUJFW0k0XLSHLDzztnTBHiqxU3b3e
bandit14@bandit: /etc/bandit_pass$ nc localhost 30000

Wrong! Please enter the correct current password
bandit14@bandit: /etc/bandit_pass$ nc localhost 30000
4wcYUJFW0k0XLSHLDzztnTBHiqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
bandit14@bandit: /etc/bandit_pass$
```

- LEVEL 15:cluFn7wTiGryunymYOu4Rcff5xQluehd

```
Activities Terminal Mar 5 21:33
bandit15@bandit: ~

--ssl-cert Specify SSL certificate file (PEM) for listening
--ssl-key Specify SSL private key (PEM) for listening
--ssl-verify Verify trust and domain name of certificates
--ssl-trustfile PEM file containing trusted SSL certificates
--ssl-ciphers Cipherlist containing SSL ciphers to use

--ssl (Use SSL)
--ssl-verify (Verify server certificates)
    In client mode, --ssl-verify is like --ssl except that it also requires verification of the server
    Use --ssl-trustfile to give a custom list. Use -v one or more times to get details about verification
--ssl-cert certfile.pem (Specify SSL certificate)
    listen mode) or the client (in connect mode). Use it in combination with --ssl-key.
--ssl-key keyfile.pem (Specify SSL private key)
    with --ssl-cert.
--ssl-trustfile cert.pem (List trusted certificates)
    no effect unless combined with --ssl-verify. The argument to this option is the name of a PEM file
--ssl-ciphers cipherlist (Specify SSL ciphersuites)
    http://www.openssl.org

bandit15@bandit: ~$ nc --ssl localhost 30001
nc: invalid option -- '-'
nc -h for help
bandit15@bandit: ~$ ncat --ssl localhost 30001

Wrong! Please enter the correct current password
BfMYroe26WYalil77FoDi9qh59eK5xNr
^Z
[1]+ Stopped ncat --ssl localhost 30001
bandit15@bandit: ~$ ncat --ssl localhost 30001
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
cluFn7wTiGryunymYOu4Rcff5xQluehd
```

Level 0: boJ9jbbUNNfktd78OOpsqOltutMc3MY1

Level 1: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

Level 2 : UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

Level 3: plwrPrtPN36QITSp3EQaw936yaFoFgAB

Level 4: koReBOKuIDDepwhWk7jZC0RTdopnAYKh

Level 5: DXjZPULLxYr17uwoI01bNLQbtFemEgo7

Level 6: HKBPTKQnlay4Fw76bEy8PVxKEDQRKTzs

Level 7: cvX2JJa4CFALtqS87jk27qwqGhBM9pIV

Level 8: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr

Level 9: truKLdjsbJ5g7yyJ2X2R0o3a5HQQJFuLk

Level 10: IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

Level 11: 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

Level 12: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

Level 13: direct entry (we will find the password in next level)

4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e

Level 14: BfMYroe26WYalil77FoDi9qh59eK5xNr

Level 15: cluFn7wTiGryunymYOu4Rcff5xQluehd