Task-5 [LINUX GAMES]

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Read the instructions given in the OverTheWire website properly and then find whatever is needed to proceed to next levels. You have to complete upto level 15. Submit us a PROPER PDF document of the passwords you found along with the screenshots of the passwords.

Level 0 -> level 1: Password: boJ9jbbUNNfktd78OOpsqOltutMc3MY1

Level 1 -> level 2: Password: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

Level 2 -> level 3: Password: UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

Level 3 -> level 4: Password: pIwrPrtPN36QITSp3EQaw936yaFoFgAB

Level 4 -> level 5: Password: koReBOKuIDDepwhWk7jZC0RTdopnAYKh

Level 5 -> level 6: Password: DXjZPULLxYr17uwoI01bNLQbtFemEgo7

Level 6 -> level 7: Password: HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

Level 7 -> level 8: Password: cvX2JJa4CFALtqS87jk27qwqGhBM9plV

Level 8 -> level 9: Password: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

Level 9 -> level 10: Password: truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

Level 10 -> level 11: Password: IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

Level 11 -> level 12: Password: 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

Level 12 -> level 13: Password: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

Level 13 -> level 14: Password: 4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e

Level 14 -> level 15: Password: BfMYroe26WYalil77FoDi9qh59eK5xNr

Level 15 -> level 16: Password: cluFn7wTiGryunymYOu4RcffSxQluehd

Level-0

```
keerthi@keerthi-VirtualBox:~$ ssh bandit0@bandit.labs.overthewire.org -p 2220

This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit0@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


            ,----..            ,----.        ,----..
           /   /   \          ,/   /'|       /   / .|
          |   :     :       ,`   .' :      .   : ./|
          .   |  ;. /      ;    ;     /     /   ;/  \
          .   ; /--`     .'___,/    ,'     |   :/    `
          ;   | ;       |    :     |       |   .'
          |   : |       ;    |.';  ;       `---'
          .   | '___    `----'  |  |
          '   ; : .'|      '   : ;
          '   | '/  :      |   | '
          |   :    /       ;   : |              `--"
           \   \ .'        |   , ;        \   \  ;
            `---`           ---`          `---" ire.org

  www. `---` ver    '---' he    '---" ire.org


Welcome to OverTheWire!

If you find any problems, please report them to Steven or morla on
irc.overthewire.org.

--[ Playing the games ]--

  This machine might hold several wargames.
```

Level -0 → Level -1

```
bandit0@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile  readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktd78OOpsqOltutMc3MY1
bandit0@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit1@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit1@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


            ,----..            ,----.        ,----..
           /   /   \          ,/   /'|       /   / .|
          |   :     :       ,`   .' :      .   : ./|
          .   |  ;. /      ;    ;     /     /   ;/  \
          .   ; /--`     .'___,/    ,'     |   :/    `
          ;   | ;       |    :     |       |   .'
          |   : |       ;    |.';  ;       `---'
          .   | '___    `----'  |  |
          '   ; : .'|      '   : ;
          '   | '/  :      |   | '
          |   :    /       ;   : |              `--"
           \   \ .'        |   , ;        \   \  ;
            `---`           ---`          `---" ire.org

  www. `---` ver    '---' he    '---" ire.org
```

Level-1 →Level-2

```
bandit1@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit2@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit2@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


            ,----..            ,----.        ,----..
           /   /   \          ,/   /'|       /   / .|
          |   :     :       ,`   .' :      .   : ./|
          .   |  ;. /      ;    ;     /     /   ;/  \
          .   ; /--`     .'___,/    ,'     |   :/    `
          ;   | ;       |    :     |       |   .'
          |   : |       ;    |.';  ;       `---'
          .   | '___    `----'  |  |
          '   ; : .'|      '   : ;
          '   | '/  :      |   | '
          |   :    /       ;   : |              `--"
           \   \ .'        |   , ;        \   \  ;
            `---`           ---`          `---" ire.org

  www. `---` ver    '---' he    '---" ire.org


Welcome to OverTheWire!

If you find any problems, please report them to Steven or morla on
irc.overthewire.org.

--[ Playing the games ]--

  This machine might hold several wargames.
  If you are playing "somegame", then:
```

Level-2→Level-3

```
bandit2@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile  spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
bandit2@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit3@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit3@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit3@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Level-3 →Level-4

```
bandit3@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  inhere  .profile
bandit3@bandit:~$ cd inhere/
bandit3@bandit:~/inhere$ ls -a
.  ..  .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit4@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit4@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Level-4 →Level-5

```
bandit4@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  inhere  .profile
bandit4@bandit:~$ cd inhere/
bandit4@bandit:~/inhere$ ls -a
.  ..  -file00  -file01  -file02  -file03  -file04  -file05  -file06  -file07  -file08  -file09
bandit4@bandit:~/inhere$ find -type f | xargs file
./-file01: data
./-file00: data
./-file06: data
./-file03: data
./-file05: data
./-file08: data
./-file04: data
./-file07: ASCII text
./-file02: data
./-file09: data
bandit4@bandit:~/inhere$ cat ./-file07
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
bandit4@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit5@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit5@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Level-5→Level-6

```
bandit5@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  inhere  .profile
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ ls -a
.   maybehere00  maybehere02  maybehere04  maybehere06  maybehere08  maybehere10  maybehere12  maybehere14  maybehere16  maybehere18
..  maybehere01  maybehere03  maybehere05  maybehere07  maybehere09  maybehere11  maybehere13  maybehere15  maybehere17  maybehere19
bandit5@bandit:~/inhere$ find . -type f -size 1033c ! -executable
./maybehere07/.file2
bandit5@bandit:~/inhere$ cd ./maybehere07
bandit5@bandit:~/inhere/maybehere07$ ls -a
.   ..   -file1   .file1   -file2   .file2   -file3   .file3   spaces file1   spaces file2   spaces file3
bandit5@bandit:~/inhere/maybehere07$ cat -file2
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit5@bandit:~/inhere/maybehere07$ cat .file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7

e/maybehere07$                                                                                    bandit5@band
bandit5@bandit:~/inhere/maybehere07$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit6@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

Level-6 →Level-7

```
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!

bandit6@bandit:~$ ls -a
.   ..   .bash_logout   .bashrc   .profile
bandit6@bandit:~$ find / -type f -user bandit7 -group bandit6 -size 33c
find: '/root': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/bandit31-git': Permission denied
find: '/lost+found': Permission denied
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/lvm/archive': Permission denied
find: '/etc/lvm/backup': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/18100/task/18100/fdinfo/6': No such file or directory
find: '/proc/18100/fdinfo/5': No such file or directory
find: '/cgroup2/csessions': Permission denied
find: '/boot/lost+found': Permission denied
find: '/tmp': Permission denied
find: '/run/lvm': Permission denied
find: '/run/screen/S-bandit5': Permission denied
find: '/run/screen/S-bandit11': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/screen/S-bandit13': Permission denied
```

Level-7 →Level-8

Level-8 →Level-9

```
bandit8@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit8@bandit:~$ sort data.txt
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
07KC3ukwX7kswl8Le9ebb3H3sOoNTsR2
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0efnqHY1ZTNRu4LsDX4D73DsxIQq7RuJ
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
0N65ZPpNGkUJePzFxctCRZRXVrCbUGfm
```

```
bandit8@bandit:~$ sort data.txt | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
bandit8@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit9@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit9@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Welcome to OverTheWire!

If you find any problems, please report them to Steven or morla on

Level-9 →Level-10

```
bandit9@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit9@bandit:~$ strings data.txt | grep -E "=+"
========= the*2i"4
=:G e
========= password
<I=zsGi
Z)========= is
A=|t&E
Zdb=
c^ LAh=3G
*SF=s
&========= truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
S=A.H&^
bandit9@bandit:~$ ^C
bandit9@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit10@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit10@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit10@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Level-10 →Level-11


```
    http://www.overthewire.org/wargames/

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

    Enjoy your stay!

bandit10@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit10@bandit:~$ cat data.txt | base64 --decode
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit11@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit11@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Level-11 →Level-12


```
    Enjoy your stay!

bandit11@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit11@bandit:~$ cat data.txt | tr 'n-za-mN-ZA-M' 'a-zA-Z'
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
bandit11@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit12@bandit.labs.overthewire.org -p 2220
^[[AThis is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit12@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

```
Welcome to OverTheWire!

If you find any problems, please report them to Steven or morla on
irc.overthewire.org.
```

Level-12 →Level-13

```
   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:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit12@bandit:~$ mkdir /tmp/pc
bandit12@bandit:~$ cp data.txt /tmp/pc
bandit12@bandit:~$ cd /tmp/pc
bandit12@bandit:/tmp/pc$ ls
data.txt
bandit12@bandit:/tmp/pc$ mv data.txt myfile.txt
bandit12@bandit:/tmp/pc$ ls
myfile.txt
bandit12@bandit:/tmp/pc$ file myfile.txt
myfile.txt: ASCII text
bandit12@bandit:/tmp/pc$ cat myfile.txt
00000000: 1f8b 0808 0650 b45e 0203 6461 7461 322e  .....P.^..data2.
00000010: 6269 6e00 013d 02c2 fd42 5a68 3931 4159  bin..=...BZh91AY
00000020: 2653 598e 4f1c c800 001e 7fff fbf9 7fda  &SY.O..........
00000030: 9e7f 4f76 9fcf fe7d 3fff f67d abde 5e9f  ..Ov...}?..}..^.
00000040: f3fe 9fbf f6f1 feee bfdf a3ff b001 3b1b  ..............;.
00000050: 5481 a1a0 1ea0 1a34 d0d0 001a 68d3 4683  T......4....h.F.
00000060: 4680 0680 0034 1918 4c4d 190c 4000 0001  F....4..LM..@...
00000070: a000 c87a 81a3 464d a8d3 43c5 1068 0346  ...z..FM..C..h.F
00000080: 8343 40d0 3400 0340 66a6 8068 0cd4 f500  .C@.4..@f..h....
00000090: 69ea 6800 0f50 68f2 4d00 680d 06ca 0190  i.h..Ph.M.h.....
000000a0: 0000 69a1 a1a0 1ea0 194d 340d 1ea1 b280  ..i......M4.....
000000b0: f500 3406 2340 034d 3400 0000 3403 d400  ..4.#@.M4...4...
000000c0: 1a07 a832 3400 f51a 0003 43d4 0068 0d34  ...24.....C..h.4
```
```
00000200: 01bf 7d21 0b64 82c0 3341 3424 e98b 4d7e ..}!.d..3A4$..M~
00000210: c95c 1b1f cac9 a04a 1988 43b2 6b55 c6a6 .\.....J..C.kU..
00000220: 075c 1eb4 8ecf 5cdf 4653 064e 84da 263d .\....\.FS.N..&=
00000230: b15b bcea 7109 5c29 c524 3afc d715 4894 .[..q.\).$:...H.
00000240: 7426 072f fc28 ab05 9603 b3fc 5dc9 14e1 t&./.(......]...
00000250: 4242 393c 7320 98f7 681d 3d02 0000   BB9<s ..h.=...
bandit12@bandit:/tmp/pc$ xxd -r myfile.txt > myfile1.bin
bandit12@bandit:/tmp/pc$ ls
myfile1.bin myfile.txt
bandit12@bandit:/tmp/pc$ ls
myfile1.bin myfile.txt
bandit12@bandit:/tmp/pc$ file myfile1.bin
myfile1.bin: gzip compressed data, was "data2.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/pc$ zcat myfile1.bin > myfile2
bandit12@bandit:/tmp/pc$ ls
myfile1.bin myfile2 myfile.txt
bandit12@bandit:/tmp/pc$ file myfile2
myfile2: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/pc$ bzcat myfile2 > myfile3
bandit12@bandit:/tmp/pc$ file myfile3
myfile3: gzip compressed data, was "data4.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/pc$ zcat myfile3 > myfile4
bandit12@bandit:/tmp/pc$ file myfile4
myfile4: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pc$ tar -xvf myfile4
data5.bin
bandit12@bandit:/tmp/pc$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pc$ tar -xvf data5.bin
data6.bin
bandit12@bandit:/tmp/pc$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/pc$ bzcat data6.bin > myfile7
bandit12@bandit:/tmp/pc$ file myfile7
myfile7: POSIX tar archive (GNU)
```
```
bandit12@bandit:/tmp/pc$ tar -xvf myfile4
data5.bin
bandit12@bandit:/tmp/pc$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pc$ tar -xvf data5.bin
data6.bin
bandit12@bandit:/tmp/pc$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/pc$ bzcat data6.bin > myfile7
bandit12@bandit:/tmp/pc$ file myfile7
myfile7: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pc$ tar -xvf myfile7
data8.bin
bandit12@bandit:/tmp/pc$ 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/pc$ zcat data8.bin >myfile9
bandit12@bandit:/tmp/pc$ file myfile9
myfile9: ASCII text
bandit12@bandit:/tmp/pc$ cat myfile9
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
bandit12@bandit:/tmp/pc$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit13@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit13@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```
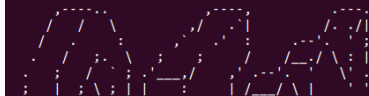
## Level-13 →Level-14

```
  Enjoy your stay!
bandit13@bandit:~$ ls
sshkey.private
bandit13@bandit:~$ ssh -i sshkey.private bandit14@localhost
Could not create directory '/home/bandit13/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZWr85496EtCRkKlo20X3OPnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? yes
Failed to add the host to the list of known hosts (/home/bandit13/.ssh/known_hosts).
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

```
--[ 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!
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$ exit
logout
Connection to localhost closed.
bandit13@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit14@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit14@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Level-14 →Level-15

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

   Enjoy your stay!

bandit14@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile  .ssh
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$ echo 4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e | nc localhost 30000
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr

bandit14@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
keerthi@keerthi-VirtualBox:~$ ssh bandit15@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit15@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

Level-15 →Level-16

```
bandit15@bandit:~$
bandit15@bandit:~$ openssl s_client -connect localhost:30001
CONNECTED(00000003)
depth=0 CN = localhost
verify error:num=18:self signed certificate
verify return:1
depth=0 CN = localhost
verify return:1
---
Certificate chain
 0 s:/CN=localhost
   i:/CN=localhost
---
Server certificate
-----BEGIN CERTIFICATE-----
MIICBjCCAAW+gAwIBAgIEXcVbPTANBgkqhkiG9w0BAQUFADAUMRIwEAYDVQQDDAls
b2NhbGhvc3QwHhcNMjIwMzA5MTk0NzQyWhcNMjMwMzA5MTk0NzQyWjAUMRIwEAYD
VQQDDAlsb2NhbGhvc3QwggZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBALDCas6k
DHxTRoxVISHtXOeCwJ8Sax5BZN76Hle8AH6pYTAdv9/FRssWL1xppFAtiGnFvglu
95FJvHEQirY4F0oPBTbtGU2xhzZzkWRL5Yj2C3Q2c99cyh+uWQT7sXPtB8W1osPc
YIo83YkXiArpt28474ZYdl+ohbPtP1oQHBv3AgMBAAGjZTBjMBQGA1UdEQQNMAuC
CWxvY2FsG9zdDBLBglghkgBhvhCAQ0EPhY8QXV0b21hdGljYWxseSBnZW5lcmF0
ZWQgYnkgTmNhdC4gU2VlIGh0dHBzOi8vbm1hcC5vcmcvbmNhdC8uMA0GCSqGSIb3
DQEBBQUAA4GBAC2693WiK/kXMCauf1fEg5DwuxIfm0saYKiLSceyZo1G4IggqOBO
9JCtvMIV/xRAmYEnPvJmf0JtYv+2fsicaPh9E1GRmU0vGoYDZzA7NTZOgRmHlRKe
ihh/XSGrY7tE1qU+EfizmhcB35iZ7W5INIKlu7oyBWcvk3rI4jtPQeZp
-----END CERTIFICATE-----
subject=/CN=localhost
```

```
[Running] - Oracle VM VirtualBox                                              —
chine  View  Input  Devices  Help
   Compression: NONE
   Expansion: NONE
No ALPN negotiated
   SSL-Session:
       Protocol  : TLSv1.2
       Cipher    : ECDHE-RSA-AES256-GCM-SHA384
       Session-ID: 762C05C28888BCE5132D89173BDEBC787703FF350A149C73DD5E3DADA73D8CA1
       Session-ID-ctx:
       Master-Key: C98CAED329DCAEB2CDAE9BCE42F298629280C6BF19D0296C93B711BE4C800228025852F1F089D4A045FBC0D7F7EB8030
       PSK identity: None
       PSK identity hint: None
       SRP username: None
       TLS session ticket lifetime hint: 7200 (seconds)
       TLS session ticket:
       0000 - d3 53 01 d9 4c 2e 82 50-ef 16 38 c5 d8 1b dd f2   .S..L..P..8.....
       0010 - 53 39 b9 d9 87 86 60 f0-e6 21 b1 ef 99 8c 45 5e   S9....`..!....E^
       0020 - f3 c5 0e d6 28 fb fc 22-14 b1 5d 5f 65 7c 63 e0   ....(.."..]_e|c.
       0030 - e8 39 f6 91 a1 e5 77 3d-19 a4 78 32 61 02 13 7d   .9....w=..x2a..}
       0040 - 07 30 8e d4 ac 59 9c 0d-ed ca 62 a4 a9 41 8c 45   .0...Y....b..A.E
       0050 - 5b 86 b5 9a 34 03 60 77-bb 6b 00 e7 f0 74 ac c1   [...4.`w.k...t..
       0060 - 54 e5 0b 85 93 49 21 e6-8f e3 cd a4 a7 55 07 75   T....I!......U.u
       0070 - 58 94 d4 f5 3a 85 30 73-93 73 84 22 0f 5e 8b 09   X...:.0s.s.".^..
       0080 - 2c 84 06 dc 3f d0 d6 a5-3c 32 bc 78 cc 87 c2 bc   ,...?...<2.X....
       0090 - 74 41 f2 97 99 5f e8 9c-1e 5e 9e bc a5 06 1a 5c   tA..._...^.....\

       Start Time: 1656229647
       Timeout   : 7200 (sec)
       Verify return code: 18 (self signed certificate)
       Extended master secret: yes
---
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
cluFn7wTiGryunymYOu4RcffSxQluehd

closed
bandit15@bandit:~$
```