

# Task-7

## Level 0:

```
bandit0@bandit: ~  
File Actions Edit View Help  
  
(odinqp@kali)-[~]  
$ ssh bandit0@[200~bandit.labs.overthewire.org~  
zsh: bad pattern: bandit0@[200~bandit.labs.overthewire.org~  
  
(odinqp@kali)-[~]  
$ ssh bandit0@bandit.labs.overthewire.org -p 2220  
The authenticity of host '[bandit.labs.overthewire.org]:2220 ([176.9.9.172]:2220)' can't be established.  
ED25519 key fingerprint is SHA256:xOMImN4lodtNUxc+8pieveXo7KEdBmztFjgmIcfdVmk.  
This key is not known by any other names  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '[bandit.labs.overthewire.org]:2220' (ED25519) to the list of known hosts.  
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  
  
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:  
  
* USERNAMES are somegame0, somegame1, ...  
* Most LEVELS are stored in /somegame/.  
* PASSWORDS for each level are stored in /etc/somegame_pass/.
```

```
bandit0@bandit:~$ ls  
readme  
bandit0@bandit:~$ cat readme  
boJ9jbbUNNfktd7800psq0ltutMc3MY1  
bandit0@bandit:~$ ls -a  
. .. .bash_logout .bashrc .profile readme  
bandit0@bandit:~$
```

## Level 1:

```
(odinqp@kali)-[~]
$ 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

www. ver he ire.org

Welcome to OverTheWire!
```

```
bandit1@bandit:~$ cd ./-
-bash: cd: ./-: Not a directory
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09Shz0YwRINYA9
bandit1@bandit:~$
```

## Level 2:

```
(odinqp@kali)-[~]
$ 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

  www. ver he " ire.org

Welcome to OverTheWire!
```

```
bandit2@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile  spaces in this filename
bandit2@bandit:~$ cat '^C
bandit2@bandit:~$ cat 'spaces in this filename'
UmHadQclWmgdLOKQ3YNgjWxGoRMB5luK
bandit2@bandit:~$
```

### Level 3:

```
bandit3@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  inhere  .profile
bandit3@bandit:~$ tree
-bash: tree: command not found
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls -a
.  ..  .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$
```

### Level 4:

```
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$ file *
file: Cannot open `ile00' (No such file or directory).
file: Cannot open `ile01' (No such file or directory).
file: Cannot open `ile02' (No such file or directory).
file: Cannot open `ile03' (No such file or directory).
file: Cannot open `ile04' (No such file or directory).
file: Cannot open `ile05' (No such file or directory).
file: Cannot open `ile06' (No such file or directory).
file: Cannot open `ile07' (No such file or directory).
file: Cannot open `ile08' (No such file or directory).
file: Cannot open `ile09' (No such file or directory).
bandit4@bandit:~/inhere$ cd ..
bandit4@bandit:~$ file ./inhere/*
./inhere/-file00: data
./inhere/-file01: data
./inhere/-file02: data
./inhere/-file03: data
./inhere/-file04: data
./inhere/-file05: data
./inhere/-file06: data
./inhere/-file07: ASCII text
./inhere/-file08: data
./inhere/-file09: data
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ cat -file07
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit4@bandit:~/inhere$ cat '-file07'
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit4@bandit:~/inhere$ cat 'file07'
cat: file07: No such file or directory
bandit4@bandit:~/inhere$ cat -file07
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit4@bandit:~/inhere$ cd ..
bandit4@bandit:~$ cat ./inhere/-file07
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
bandit4@bandit:~$
```

## Level 5:

```
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$ cd ..
bandit5@bandit:~$ du -ah ./inhere/
12K  ./inhere/maybehere03/.file2
12K  ./inhere/maybehere03/spaces file3
12K  ./inhere/maybehere03/-file3
8.0K ./inhere/maybehere03/-file2
4.0K ./inhere/maybehere03/.file3
4.0K ./inhere/maybehere03/spaces file1
4.0K ./inhere/maybehere03/-file1
4.0K ./inhere/maybehere03/spaces file2
12K  ./inhere/maybehere03/.file1
76K  ./inhere/maybehere03
8.0K ./inhere/maybehere19/.file2
4.0K ./inhere/maybehere19/spaces file3
8.0K ./inhere/maybehere19/-file3
8.0K ./inhere/maybehere19/-file2
4.0K ./inhere/maybehere19/.file3
8.0K ./inhere/maybehere19/spaces file1
```

```
bandit5@bandit:~$ man find
bandit5@bandit:~$ find ./inhere/ -readable -size b 1033
find: Invalid argument `b' to -size
bandit5@bandit:~$ find ./inhere/ -readable -size -b 1033
find: Invalid argument `-b' to -size
bandit5@bandit:~$ man find
bandit5@bandit:~$ find ./inhere/ -readable -size 1033c
./inhere/maybehere07/.file2
bandit5@bandit:~$ cat ./inhere/maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

## Level 6:

```
bandit6@bandit:/$ ^C
bandit6@bandit:/$ man find
bandit6@bandit:/$ find -size 33c -type f -user bandit7 -group bandit6
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/1699/task/1699/fdinfo/6': No such file or directory
find: './proc/1699/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-bandit10': Permission denied
find: './run/screen/S-bandit29': Permission denied
find: './run/screen/S-bandit25': Permission denied
find: './run/screen/S-bandit30': Permission denied
find: './run/screen/S-bandit9': Permission denied
find: './run/screen/S-bandit28': Permission denied
find: './run/screen/S-bandit18': Permission denied
find: './run/screen/S-bandit20': Permission denied
find: './run/screen/S-bandit12': Permission denied
find: './run/screen/S-bandit5': Permission denied
find: './run/screen/S-bandit7': Permission denied
find: './run/screen/S-bandit16': Permission denied
find: './run/screen/S-bandit26': Permission denied
find: './run/screen/S-bandit8': Permission denied
find: './run/screen/S-bandit15': Permission denied
find: './run/screen/S-bandit4': Permission denied
find: './run/screen/S-bandit3': Permission denied
find: './run/screen/S-bandit19': Permission denied
find: './run/screen/S-bandit31': Permission denied
find: './run/screen/S-bandit17': Permission denied
```

the file without 'Permission denied' is the file we're looking for.






### Level 8:

```
(odinqp@kali)-[~]
$ ssh bandit8@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit8@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



```
www. ver he ire.org
```


Welcome to OverTheWire!

```
bandit8@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit8@bandit:~$ sort data.txt | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
bandit8@bandit:~$
```

## Level 9:

```
(odinqp@kali)-[~]
$ 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
```



www.OverTheWire.org

Welcome to OverTheWire!





## Level 11:

```
bandit11@bandit:~$ ls ==a
ls: cannot access '==a': No such file or directory
bandit11@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH
bandit11@bandit:~$
```

# rot13.com

[About ROT13](#)

Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH



ROT13 ▼



The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

Use rot13.com to rotate the letters by 13.

I used this website because their server doesn't have hextools installed.

```
bandit11@bandit:~$ rot13 data.txt
-bash: rot13: command not found
```

Level 12:

```
bandit12@bandit:~$ ls
data.txt
bandit12@bandit:~$ mkdir /tmp/pranav
bandit12@bandit:~$ file *
data.txt: ASCII text
bandit12@bandit:~$ cat data.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.....
```

```
bandit12@bandit:~$ cp data.txt /tmp/pranav
bandit12@bandit:~$ cd /tmp/pranav
bandit12@bandit:/tmp/pranav$ ls
data.txt
```

```
bandit12@bandit:/tmp/pranav$ cat data.txt | xxd -r > data
bandit12@bandit:/tmp/pranav$ ls
data  data.txt
bandit12@bandit:/tmp/pranav$ file data
data: gzip compressed data, was "data2.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/pranav$ mv data data2.gz
bandit12@bandit:/tmp/pranav$ ls
data2.gz  data.txt
bandit12@bandit:/tmp/pranav$ gzip -d data2.gz
bandit12@bandit:/tmp/pranav$ ls
data2  data.txt
bandit12@bandit:/tmp/pranav$ file data2
data2: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/pranav$ mv data2 data2.bz2
bandit12@bandit:/tmp/pranav$ ls
data2.bz2  data.txt
bandit12@bandit:/tmp/pranav$ bzip2 -d data2.bz2
bandit12@bandit:/tmp/pranav$ ls
data2  data.txt
bandit12@bandit:/tmp/pranav$ file data2
data2: gzip compressed data, was "data4.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/pranav$ mv data2 data4.gz
bandit12@bandit:/tmp/pranav$ gzip -d data4.gz
bandit12@bandit:/tmp/pranav$ file data4
data4: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pranav$ ls
data4  data.txt
bandit12@bandit:/tmp/pranav$ mv data4 data5.tar
bandit12@bandit:/tmp/pranav$ ls
data5.tar  data.txt
bandit12@bandit:/tmp/pranav$ tar -xvf data5.tar
data5.bin
bandit12@bandit:/tmp/pranav$ ls
data5.bin  data5.tar  data.txt
bandit12@bandit:/tmp/pranav$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pranav$ mv data5.bin data6.tar
bandit12@bandit:/tmp/pranav$ tar -xvf data6.tar
data6.bin
bandit12@bandit:/tmp/pranav$ ls
data5.tar  data6.bin  data6.tar  data.txt
bandit12@bandit:/tmp/pranav$ file data6.bin
```

```
bandit12@bandit:/tmp/pranav$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/pranav$ mv data6.bin fata7.bz2
bandit12@bandit:/tmp/pranav$ ls
data5.tar  data6.tar  data.txt  fata7.bz2
bandit12@bandit:/tmp/pranav$ mv fata7.bz2 data7.bz2
bandit12@bandit:/tmp/pranav$ bzip2 -d data7.bz2
bandit12@bandit:/tmp/pranav$ ls
data5.tar  data6.tar  data7     data.txt
bandit12@bandit:/tmp/pranav$ file data7
data7: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pranav$ mv data7 data7.tar
bandit12@bandit:/tmp/pranav$ tar -xvf data7.tar
data8.bin
bandit12@bandit:/tmp/pranav$ ls
data5.tar  data6.tar  data7.tar  data8.bin  data.txt
bandit12@bandit:/tmp/pranav$ file data8.bin
data8.bin: cannot open `data8.bin' (No such file or directory)
bandit12@bandit:/tmp/pranav$ file data8
data8: gzip compressed data, was "data9.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/pranav$ mv data8 bin data8.gz
bandit12@bandit:/tmp/pranav$ mv data8.gz data8
bandit12@bandit:/tmp/pranav$ gzip -d data8.gz
bandit12@bandit:/tmp/pranav$ ls
data5.tar  data6.tar  data7.tar  data8  data.txt
bandit12@bandit:/tmp/pranav$ file data8
data8: ASCII text
bandit12@bandit:/tmp/pranav$ cat data8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL
bandit12@bandit:/tmp/pranav$
```

Level 13:

```

bandit13@bandit:~$ ls
sshkey.private
bandit13@bandit:~$ man openssl
bandit13@bandit:~$ cat sshkey.private
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAxkk0E83W2cOT7IWhFc9aPaaQmQDdgzuXCv+ppZHa++buSkN+
gg0tcr7Fw8NLGa5+Uzec2rEg0WmeevB13AIoYp0MZyETq46t+jk9puNwZwIt9XgB
ZufGtZEwWbFwW/vVLNw0XBe4UWStGRWzgPpEeSv5Tb1VjLZIBdGphTIK22Amz6Zb
ThMsiMnyJafEwJ/T8PQ03myS91vUHEuo0MAzoUID4kN0MEZ3+XahyK0HJVq68KsV
ObefXG1vvA3GAJ29kxJaqvRfgYnqZryWN7w3CHjNU4c/2Jkp+n8L0SnxaNA+WYA7
jiPyTF0is8uzMlYQ4l1Lzh/8/MpvhCQF8r22dwIDAQBAoIBAQC6dWBjhyE0zjeA
J3j/RWmap9M5zfJ/wb2bfidNpwbB8rsJ4sZIDZQ7XuIh4LfygoAQSS+bBw3RXvzE
pvJt3SmU8hIDuLsCjL1VnBY5pY7Bju8g8aR/3FyjyNAqx/TLfzLLYf0u7i9Jet67
xAh0tONG/u8FB5I3LAI2Vp60viwvdWeC4n0xChldpuPKNLA8rmmMVRTKQ+7T2VS
nXmwYckKUcUgzoVSpINZaS0zUDypdpy2+tRH3MQa5kqN1YKjvF8RC47woOYCKtsD
o3FFpGNFec9Taa3Msy+DfQQhHKZFKIL3bJDONTmrVvtYK40/yeU4aZ/HA2DQzwhe
ol1AfiEhAoGBAOnVjosBkm7sblK+n4IEwPxs8s0mhPnTDUy5WGrpScrX0msVIBUF
laL3ZGLx3xCiwtCnEucB9DvN2HZkupc/h6hTKUYLqXuyLD8njTrbRhLgbC9QrKrS
M1F2fSTxVqPtZDLDMwjNR04xHA/fKh8bXXyTMqOHNJTHHh3McdURjAoGBANKU
1hqfnw7+aXncJ9bjysr1ZWbq0E5Nd8AFgfwaKuGTTVX2NsUqNCMWdOp+wFak40JH
PKWkJNDBG+ex0H9JNqsTK3X5PBMAS8AfX0GrKeuwKWA6erytVTqjOfLYcdp5+z9s
8DtVCxDuVsM+i4X8UqIG0lvGbTKEVokHPFXP1q/dAoGAcHg5YX7WEehCgCYTzp0+
xysX8ScM2qS6xuZ3MqUWAXUWkh7NGZvhe0sGy9iOdANzwKw7mUUFVIAcMR/t54W1
GC83s0s3D7n5Mj8x3Nd08xFit7dT9a245TvaoyQ7KgmqpSg/ScKCw4c3eiLava+J
3btnJeSIU+8ZXq9XjPRpKwUCgYA7z6Li0QKxNeXH3qHXcnHok855maUj5fJNpPbY
iDkyZ8ySF8GlcFsky8Yw6fWCqfG3zDrohJ5l9JmEsBh7SadkwsZhvecQcS9t4vby
9/8X4jS0P8ibfckS4nBP+dT81kkkg5Z5MohXBORA7VWx+ACohcDEkprsq+w32xeD
qT1EvQKBgQDKm8ws2ByvSUVs9GjTilCajFqLJ0eVYzRPaY6f++Gv/UVfAPV4c+S0
kAWpXbv5tbkkzbS0eaLPTKGLzavXtQoTtKwrjpolHKIHUz6Wu+n4abfAIRFubOdN
/+aLoRQ0yBDRbdXMsZN/jvY44eM+xRLdRVyMmdPtP8belRi2E2aEzA=
-----END RSA PRIVATE KEY-----
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 SHA256:98UL0ZWr85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.
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

```

```

/ _ _ \ :    / _ _ \ :    / _ _ \ :
/ _ _ \ :    / _ _ \ :    / _ _ \ :

```

```

bandit14@bandit:~$ ls
bandit14@bandit:~$ cd /etc/bandit_pass/bandit14
-bash: cd: /etc/bandit_pass/bandit14: Not a directory
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLSHlDzztnTBHixqU3b3e
bandit14@bandit:~$ exit
logout
Connection to localhost closed.
bandit13@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.

```

```
(odinqp@kali)-[~]
$ 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

www. ver he ire.org

Welcome to OverTheWire!
```

```
bandit14@bandit:~$ ls
bandit14@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile  .ssh
bandit14@bandit:~$ cd .ssh
bandit14@bandit:~/ssh$ ls
authorized_keys
bandit14@bandit:~/ssh$ cat authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDGsQ4TzdbZw5PshaEVz1o9ppCZAM
/lnvVWMtkgF0amFMgrbYCbPpltOEyyIyfIlp8TAn9Pw9A7ebJL3W9QcS6g4wD0hQgF
Z3 rudyd@localhost
bandit14@bandit:~/ssh$ cd ..
bandit14@bandit:~$ telnet localhost 300000
telnet: port 300000 out of range
bandit14@bandit:~$ telnet localhost 30000
Trying 127.0.0.1 ...
Connected to localhost.
Escape character is '^]'.
4wcYUJFw0k0XLSHlDzztnTBHlqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr

Connection closed by foreign host.
bandit14@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

## Level 15:

```
(odinqp@kali)-[~]  
$ 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  
  
www. ver he " ire.org  
  
Welcome to OverTheWire!
```



```
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-----
MIICBjCCAW+gAwIBAgIEZOzuVDANBgkqhkiG9w0BAQUFADAUMRIwEAYDVQDDAlsb2NhbGhvZC3QwHhcNMjEwOTMwMDQ0NTU0WhcNMjIwOTMwMDQ0NTU0WjAUMRIwEAYD
VQDDAlsb2NhbGhvZC3QwgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAM9En7CC
uPr6cVPATLAVhWMU1hggiJEp5sZN9RPUBK0zKBv802yD540bHYmIge6lqqkgXOz
2AuI4UfCG4iMb0UYUCA/wISwNqUQRjcja0OnqzCTRscXzzoIsHbC8lGFzMdRz3Jw
8nBD6/2jvFt1rnBtZ4ghibNn5rFHRI5EC+K/AgMBAAGjZTBjMBQGA1UdeEQQNMAuC
CWxvY2FsaG9zdDBLBglghkgBhvhCAQ0EPPhY8QXV0b21hdGljYWxseSBnZW5lcmlF0
ZDQEBBQUAA4GBAD7/moj14DUI6/D6imJ8pQLay/8lZlsrbyRnpqzpjWaATShDYr7k3
umdRg+36McINFagLE7nGYZroTSDCM650D81+797owSXLPA dp1Q6JfQH5Loni2kbw
UHc09hwQ+rJzEgIlfgOic7dC5lj8DBU5tugY87RZGKiZ2GG77WXas9Iz
-----END CERTIFICATE-----
subject=/CN=localhost
issuer=/CN=localhost
---
No client certificate CA names sent
Peer signing digest: SHA512
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 1019 bytes and written 269 bytes
Verification error: self signed certificate
---
New, TLSv1.2, Cipher is ECDHE-RSA-AES256-GCM-SHA384
Server public key is 1024 bit
Secure Renegotiation IS supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
```

```

New, TLSv1.2, Cipher is ECDHE-RSA-AES256-GCM-SHA384
Server public key is 1024 bit
Secure Renegotiation IS supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
SSL-Session:
    Protocol : TLSv1.2
    Cipher : ECDHE-RSA-AES256-GCM-SHA384
    Session-ID: 257E8FEE379F1377ED7BF704712FCB57266E2B711FBDCFE8413E03834175C83F
    Session-ID-ctx:
    Master-Key: AC6188F90263F56C91481369C51871B44DFAEC57D7038F8EEF1A690EBF218C8ADCA2E51C57E6D3BD299C1398FE04FADF
    PSK identity: None
    PSK identity hint: None
    SRP username: None
    TLS session ticket lifetime hint: 7200 (seconds)
    TLS session ticket:
0000 - 8a eb e8 f5 31 15 46 ad-b2 a8 10 c1 51 b9 66 14 .....1.F.....Q.f.
0010 - 8f 3f e5 51 ab c0 be 6d-8b 7d cf f9 dc 6a 9d 1d ..?.Q...m.}...j..
0020 - 43 03 c6 bc 96 b9 0d 2d-e6 3f db 74 f5 69 36 8f C.....-?.t.i6.
0030 - 43 d6 b3 b0 11 16 92 2d-fe 87 42 fb 88 69 cf fa C.....-..B..i..
0040 - c0 b2 3f 5b 4f b4 1e d8-1d b7 fc ba 86 9f 9f 9f ..?[0.....
0050 - c0 11 50 34 8f 46 c3 ec-10 2a de c6 52 b4 df 99 ..P4.F...*..R...
0060 - 60 6b 62 62 c6 4c 48 8a-35 a8 78 34 0f 7e c4 2a `kbb.LH.5.x4.~.*
0070 - 85 2a ef f0 18 a4 4d 96-26 08 04 94 1a 9a 85 a6 *....M.6.....
0080 - 03 c9 29 34 48 7d d3 7c-eb e9 b1 05 6b 91 dc 10 ..)4H}.|....k...
0090 - 13 34 e7 85 0f 55 15 56-11 e6 a2 02 68 16 a9 c8 .4...U.V....h...

Start Time: 1646392678
Timeout : 7200 (sec)
Verify return code: 18 (self signed certificate)
Extended master secret: yes

BfMYroe26WYalil77FoDi9qh59eK5xNr -> this level Password
Correct!
cluFn7wTiGryunymY0u4RcFfSxQluehd
closed
bandit15@bandit:~$

```

Level 0 password	-bandit0
Level 1 password	-boJ9jbbUNNfktd7800psq0ltutMc3MY1
Level 2 password	-CV1DtqXWVFXTvM2F0k09SHZ0YwRINYA9
Level 3 password	-UmHadQclWmgdLOKQ3YNgjWxGoRMB5lUk
Level 4 password	-pIwrPrtPN36QITSp3EQaw936yaFoFgAB
Level 5 password	-koReBOKuIDDepwhwK7jZC0RTdopnAYKh
Level 6 password	-DXjZPULLxYr17uwoI01bNLQbtFemEgo7
Level 7 password	-HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
Level 8 password	-cvX2JJJa4CFALtqS87jk27qwqGhBM9plV
Level 9 password	-UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
Level 10 password	-truKldjsbJ5g7yyJ2X2R0o3a5HQJFuLk
Level 11 password	-IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
Level 12 password	-5Te8Y4drGCRfCx8ugdwuEX8KFC6k2EUu
Level 13 password	-8ZjyCRiBWFYkneahHwxCV3wb2a1ORpYL
Level 14 password	-4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
Level 15 password	-BfMYroe26WYalil77FoDi9qh59eK5xNr

Level 0 password	-bandit0
Level 1 password	-
boJ9jbbUNNfktd78OOpsqOltutMc3MY1	
Level 2 password	-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9	
Level 3 password	-
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK	
Level 4 password	-
pIwrPrtPN36QITSp3EQaw936yaFoFgAB	
Level 5 password	-
koReBOKuIDDepwhWk7jZC0RTdopnAYKh	
Level 6 password	-
DXjZPULLxYr17uwoI01bNLQbtFemEgo7	
Level 7 password	-
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs	
Level 8 password	-
cvX2JJJa4CFALtqS87jk27qwqGhBM9plV	
Level 9 password	-
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR	
Level 10 password	-
truKLDjsbJ5g7yyJ2X2R0o3a5HqJFuLk	
Level 11 password	-
IFukwKGSFW8MOq3IRFqrxE1hxTNEbUPR	
Level 12 password	-
5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu	
Level 13 password	-
8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL	
Level 14 password	-
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e	
Level 15 password	-
BfMYroe26WYalil77FoDi9qh59eK5xNr	

Done by,  
Pranav A N [ch.en.u4cys21056]

