

Level 0-1:

Commands used:

ssh bandit0@bandit.labs.overthewire.org -p 2220 // to establish connection

ls // to display the contents

cat readme // to get the contents of readme

Password: ZjLjTmM6FvvyRnrb2rfNWOZOTa6ip5If

Level 1-2:

Commands Used:

exit

[ssh bandit1@bandit.labs.overthewire.org](https://ssh.bandit1@bandit.labs.overthewire.org) -p 2220

password-ZjLjTmM6FvvyRnrb2rfNWOZOTa6ip5If

ls

cat ./- // makes linux treat it like a normal file using ./ and reads the contents

PASSWORD- 263JGJPfgU6LtdEvgfWU1XP5yac29mFx

LEVEL 2-3

Commands used:

exit

[ssh bandit2@bandit.labs.overthewire.org](https://ssh.bandit2@bandit.labs.overthewire.org) -p 2220

password-263JGJPfgU6LtdEvgfWU1XP5yac29mFx

ls

cat ./--spaces\ in\ this\ filename- // ./ is used to make linux treat it like a normal filename

PASSWORD-MNk8KNH3Usiio41PRUEoDFPqfxLPISmx

LEVEL 3-4

Commands used:

exit

[ssh bandit3@bandit.labs.overthewire.org](https://ssh.bandit3@bandit.labs.overthewire.org) -p 2220

Password-MNk8KNH3Usiio41PRUEoDFPqfxLPISmx

cd inhere // to make inhere the current directory

ls -a // to display the hidden files

cat ./...Hiding-From-You

PASSWORD-2WmrDFRmJlq3IPxneAaMGhap0pFhF3NJ

LEVEL 4-5

Commands used:

exit

[ssh bandit4@bandit.labs.overthewire.org](https://ssh.bandit4@bandit.labs.overthewire.org) -p 2220

Password-2WmrDFRmJlq3IPxneAaMGhap0pFhF3NJ

```
ls
cd inhere
file .* // to display the file types
cat ./file07
```

PASSWORD-4oQYVPkxZOOEOO5pTW81FB8j8lxXGUQw

LEVEL 5-6

Commands used:

exit

[ssh bandit5@bandit.labs.overthewire.org](https://bandit.labs.overthewire.org) -p 2220

Password -4oQYVPkxZOOEOO5pTW81FB8j8lxXGUQw

cd inhere

```
find . -type f -size 1033c // it finds the file with 1033 bytes
cat ./maybehere07/.file2
```

Password -HWasnPhtq9AVKe0dmk45nxy20cvUa6EG

LEVEL 6-7

exit

[ssh bandit6@bandit.labs.overthewire.org](https://bandit.labs.overthewire.org) -p 2220

Password - HWasnPhtq9AVKe0dmk45nxy20cvUa6EG

```
find / -type f -user bandit7 -group bandit6 -size 33c // it finds files owned by bandit 7 belonging
to group bandit 6 and has a size of 33 bytes
```

```
cat /var/lib/dpkg/info/bandit7.password // prints the contents of the file path obtained
```

PASSWORD - morbNTDkSW6jIIUc0ymOdMaLnOIFVAaj

LEVEL 7-8

exit

[ssh bandit7@bandit.labs.overthewire.org](https://bandit.labs.overthewire.org) -p 2220

Password - morbNTDkSW6jIIUc0ymOdMaLnOIFVAaj

ls

```
grep "millionth" data.txt // finds the line containing millionth in the file data.txt and prints its text
```

PASSWORD - dfwvzFQi4mU0wfNbFOe9RoWskMLg7eEc

LEVEL 8-9

```
exit
ssh bandit8@bandit.labs.overthewire.org -p 2220
Password - dfwvzFQi4mU0wfNbFOe9RoWskMLg7eEc
```

```
ls
sort data.txt > sorted.txt // sorts the file and saves it into a new file sorted.txt
uniq -u sorted.txt // prints line that occurs only once in the sorted file
```

PASSWORD - 4CKMh1JI91bUIZZPXDqGanal4xvAg0JM

LEVEL 9-10

```
exit
ssh bandit9@bandit.labs.overthewire.org -p 2220
Password - 4CKMh1JI91bUIZZPXDqGanal4xvAg0JM
```

```
ls
strings data.txt | grep "==" // strings extracts only the human readable ascii parts and grep finds
and prints line with "=="
```

PASSWORD - FG UW5ilLVJrxX9kMYMmIN4MgbpfMiqey

LEVEL 10-11

```
exit
ssh bandit10@bandit.labs.overthewire.org -p 2220
Password - FG UW5ilLVJrxX9kMYMmIN4MgbpfMiqey
```

```
ls
cat data.txt // view the base64 encoded text
base64 -d data.txt // decode base64 to get the password
```

PASSWORD - dtR173fZKb0RRsDFSGsg2RWnpNVj3qRr

LEVEL 11-12

```
exit
ssh bandit11@bandit.labs.overthewire.org -p 2220
Password - dtR173fZKb0RRsDFSGsg2RWnpNVj3qRr
```

```
ls
cat data.txt | tr 'A-Za-z' 'N-ZA-Mn-za-m'
```

PASSWORD - 7x16WNeHli5YklhWsfFIqoognUTyj9Q4

## LEVEL 12-13

```
exit  
ssh bandit12@bandit.labs.overthewire.org -p 2220  
Password - 7x16WNeHli5YkIhWsfFIqoognUTyj9Q4
```

```
mktemp -d  
cd /tmp/tmp.<random_name>  
cp ~/data.txt .
```

```
xxd -r data.txt data  
file data
```

```
mv data data.gz  
gzip -d data.gz  
file data
```

```
mv data data.bz2  
bzip2 -d data.bz2  
file data
```

```
mv data data.gz  
gunzip data.gz  
file data
```

```
tar -xf data  
tar -xf data5.bin  
ls  
file *
```

```
mv data6.bin data6.bz2  
bzip2 -d data6.bz2  
file data6
```

```
tar -xf data6  
ls  
file *
```

```
mv data8.bin data8.gz  
gunzip data8.gz  
file data8
```

```
cat data8
```

PASSWORD - FO5dwFsc0cbaliH0h8J2eUks2vdTDwAn

LEVEL 13-14

exit

ssh bandit13@bandit.labs.overthewire.org -p 2220

Password - FO5dwFsc0cbaliH0h8J2eUks2vdTDwAn

ls

# (shows sshkey.private)

ssh -i sshkey.private bandit14@localhost -p 2220

cat /etc/bandit\_pass/bandit14

PASSWORD-MU4VWeTyJk8ROof1qqmcBPALh7IDCPvS

LEVEL 14-15

exit

ssh bandit14@bandit.labs.overthewire.org -p 2220

Password - MU4VWeTyJk8ROof1qqmcBPALh7IDCPvS

nc localhost 30000

# (entered bandit14 password)

PASSWORD - 8xCjnmgoKbGLhHFAZIGE5Tmu4M2tKJQo

LEVEL 15-16

exit

ssh bandit15@bandit.labs.overthewire.org -p 2220

Password - 8xCjnmgoKbGLhHFAZIGE5Tmu4M2tKJQo

openssl s\_client -connect localhost:30001

(entered bandit 15 password)

PASSWORD - kSkvUpMQ7IBYyCM4GBPvCvT1BfWRy0Dx

## LEVEL 16-17

ssh bandit16@bandit.labs.overthewire.org -p 2220

Password - kSkvUpMQ7IBYyCM4GBPvCvT1BfWRy0Dx

nmap -p 31000-32000 localhost //scanned all ports to check which one is open  
printf "%s\n" "kSkvUpMQ7IBYyCM4GBPvCvT1BfWRy0Dx" | openssl s\_client -connect  
localhost:31790 -quiet 2>/dev/null //tested each port with ssl using password as input  
# (to get the RSA private key output)

mkdir -p /tmp/b17

cat > /tmp/b17/id\_rsa <<'EOF'

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

.....

-----END RSA PRIVATE KEY-----

EOF //saved private key to a file

chmod 600 /tmp/b17/id\_rsa //fixed permissions

ssh -i /tmp/b17/id\_rsa bandit17@localhost -p 2220 //logged into bandit 17 using private key as  
password

cat /etc/bandit\_pass/bandit17

PASSWORD - EReVavePLFHtFIFsjn3hyzMlvSuSAcRD

## LEVEL 17-18

ssh -i /tmp/b17/id\_rsa bandit17@localhost -p 2220

ls

diff passwords.old passwords.new // showed the lines only in password.new and only in  
password.old

PASSWORD - x2gLTTjFwMOhQ8oWNbMN362QKxfRqGIO

## **LEVEL 18-19**

**ssh bandit18@bandit.labs.overthewire.org -p 2220 "cat readme" //ssh runs the cat command right after logging in before the logout script kicks in**

**Password - x2gLTTjFwM0hQ8oWNbMN362QKxfRqGIO**

**PASSWORD – cGWpMaKXVwDUNgPAVJbWYuGHVn9zl3j8**

## **LEVEL 19-20**

**exit**

**ssh bandit19@bandit.labs.overthewire.org -p 2220**

**Password - cGWpMaKXVwDUNgPAVJbWYuGHVn9zl3j8**

**ls**

**./bandit20-do cat /etc/bandit\_pass/bandit20**

**PASSWORD - 0qXahG8ZjOVMN9Ghs7iOWsCfZyXOUbYO**

## **LEVEL 20-21**

**ssh bandit20@bandit.labs.overthewire.org -p 2220**

**Password - 0qXahG8ZjOVMN9Ghs7iOWsCfZyXOUbYO**

**printf '%s\n' '0qXahG8ZjOVMN9Ghs7iOWsCfZyXOUbYO' | nc -lvp 44444**

**./suconnect 44444                      # (in another session)**

**PASSWORD – EeoULMCra2q0dSkYj561DX7s1CpBuOBt**

