



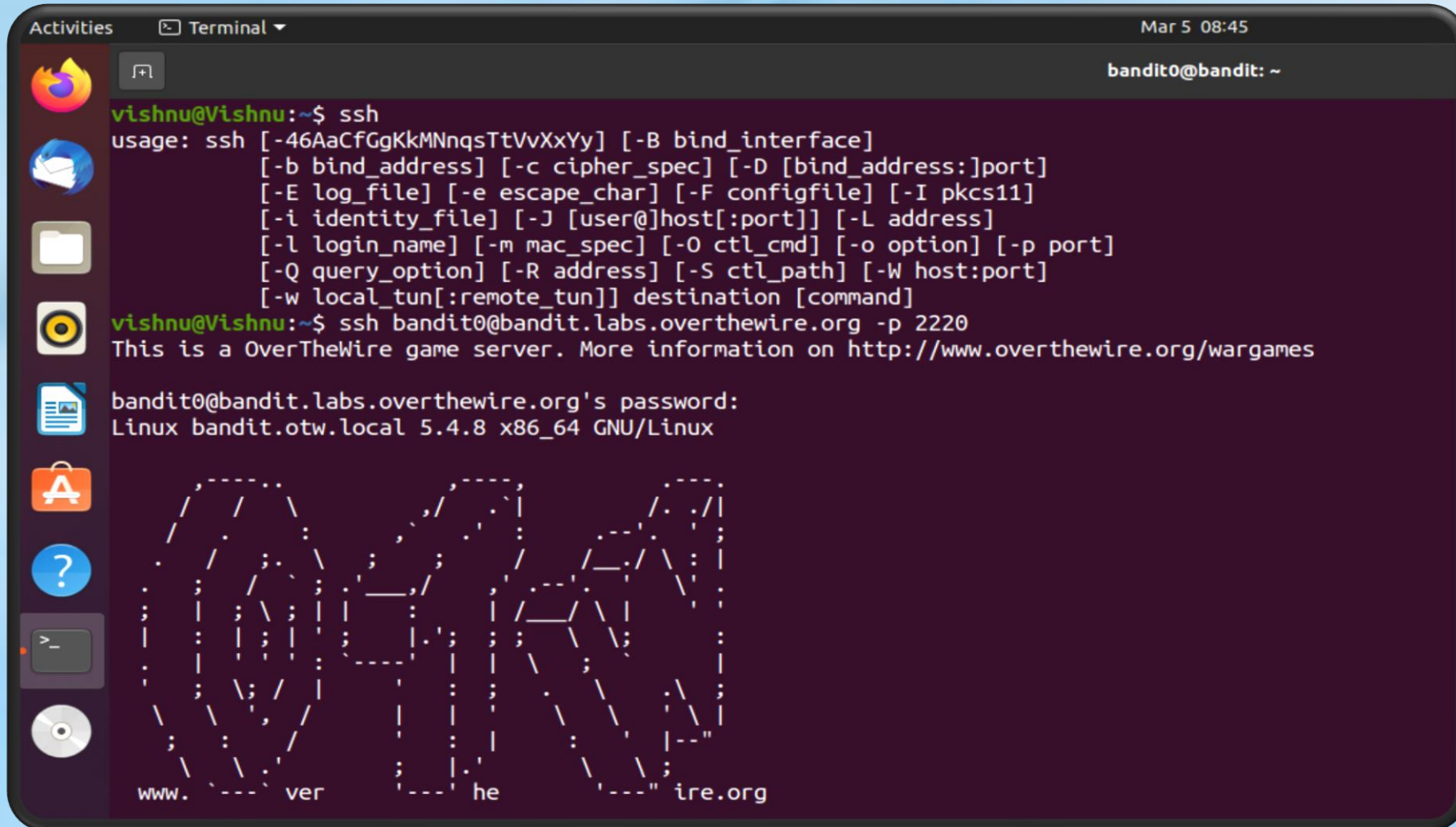
# TASK 7 LINUX GAMES

VISHNU KASILYA 21064 – CSE AI



# LEVEL 0

PASSWORD:bandit0



The image shows a terminal window titled "Terminal" with a dark background. The window has a sidebar on the left with various application icons. The terminal output shows the user "vishnu" at host "Vishnu" running the "ssh" command. It displays the usage for the ssh command, then shows the user connecting to "bandit0@bandit.labs.overthewire.org" on port 2220. The terminal then displays the password prompt and the system information for the remote host. At the bottom, there is a large ASCII art logo for "OverTheWire" with the URL "www.overthewire.org" below it.

```
Activities  Terminal  Mar 5 08:45  bandit0@bandit: ~

vishnu@Vishnu:~$ ssh
usage: ssh [-46AaCfGgKkMnQsTtVvXxYy] [-B bind_interface]
          [-b bind_address] [-c cipher_spec] [-D [bind_address:]port]
          [-E log_file] [-e escape_char] [-F configfile] [-I pkcs11]
          [-i identity_file] [-J [user@]host[:port]] [-L address]
          [-l login_name] [-m mac_spec] [-O ctl_cmd] [-o option] [-p port]
          [-Q query_option] [-R address] [-S ctl_path] [-W host:port]
          [-w local_tun[:remote_tun]] destination [command]

vishnu@Vishnu:~$ 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

www. ver he ire.org
```

# LEVEL 0-1

PASSWORD:boJ9jbbUNNfktd780OpsqOltutMc3MY1

```
Terminal Mar 5 09:00 bandit0@bandit: ~  
bandit0@bandit:~$ ls -alps  
total 24  
4 drwxr-xr-x  2 root    root    4096 May  7  2020 ./  
4 drwxr-xr-x 41 root    root    4096 May  7  2020 ../  
4 -rw-r--r--  1 root    root     220 May 15  2017 .bash_logout  
4 -rw-r--r--  1 root    root    3526 May 15  2017 .bashrc  
4 -rw-r--r--  1 root    root     675 May 15  2017 .profile  
4 -rw-r----- 1 bandit1 bandit0   33 May  7  2020 readme  
bandit0@bandit:~$ cat readme  
boJ9jbbUNNfktd780OpsqOltutMc3MY1  
bandit0@bandit:~$
```

```
p9uqrf0@p9uqrf:~$  
p0J9jbbUNNfktd780OpsqOltutMc3MY1
```

# LEVEL 1-2

PASSWORD: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

```
Terminal ▾ Mar 5 09:10
bandit1@bandit: ~

vishnu@Vishnu:~$ 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

bandit1@bandit:~$ ls -alps
total 24
4 -rw-r----- 1 bandit2 bandit1 33 May 7 2020 -
4 drwxr-xr-x 2 root root 4096 May 7 2020 ./
4 drwxr-xr-x 41 root root 4096 May 7 2020 ../
4 -rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
4 -rw-r--r-- 1 root root 675 May 15 2017 .profile
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$
```

```
p9uqfT@p9uqfT:~$
CAJDFdXmVEX1vW5E0k09SHz0YwRINYA9
```



# LEVEL 2-3

**PASSWORD:** UmHadQc1WmgdLOKQ3YNgjWxGoRmb51uK

```
Terminal ▾ Mar 5 09:16
bandit2@bandit: ~

vishnu@Vishnu:~$ 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

bandit2@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root    root    4096 May  7  2020 ./
4 drwxr-xr-x 41 root    root    4096 May  7  2020 ../
4 -rw-r--r--  1 root    root     220 May 15  2017 .bash_logout
4 -rw-r--r--  1 root    root   3526 May 15  2017 .bashrc
4 -rw-r--r--  1 root    root    675 May 15  2017 .profile
4 -rw-r----- 1 bandit3 bandit2   33 May  7  2020 spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
UmHadQc1WmgdLOKQ3YNgjWxGoRmb51uK
bandit2@bandit:~$
```

```
psuqf50psuqf:-2
nWn9q0CfMwdbqGOK03yidjmxcoBwP2fuk
psuqf50psuqf:-2 c9f 2b9c62/ fu/ fup2/ ffg6u9w6
```

# LEVEL 3-4

PASSWORD: pIwrPrTpn36QITSp3EQaw936yaFoFgAB

```
Terminal ▾ Mar 5 09:23
bandit3@bandit: ~/inhere

vishnu@vishnu:~$ 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:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

bandit3@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  3 root root 4096 May  7 2020 ./
4 drwxr-xr-x 41 root root 4096 May  7 2020 ../
4 -rw-r--r--  1 root root  220 May 15 2017 .bash_logout
4 -rw-r--r--  1 root root 3526 May 15 2017 .bashrc
4 drwxr-xr-x  2 root root 4096 May  7 2020 inhere/
4 -rw-r--r--  1 root root  675 May 15 2017 .profile

bandit3@bandit:~$ cd inhere/
bandit3@bandit:~/inhere$ ls -al
total 12
drwxr-xr-x 2 root  root  4096 May  7 2020 .
drwxr-xr-x 3 root  root  4096 May  7 2020 ..
-rw-r----- 1 bandit4 bandit3  33 May  7 2020 .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrTpn36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$
```

```
p9uqfz3@p9uqfz:~\sup6Le2
bIMLbLfbN3e0I12b3E09m3e9L9E0E0vB
p9uqfz3@p9uqfz:~\sup6Le2 c9f *p9q9eu
-rw-r----- 1 p9uqfz4 p9uqfz3  33 May  7 2020 *p9q9eu
qIMXl-Xl-X 3 100c 100c 4096 May  7 2020
```

# LEVEL 4-5

PASSWORD: koReBOKuIDDepwhwk7jZC0RTdopnAYKh

```
Terminal Mar 5 09:30
bandit4@bandit: ~/inhere

vishnu@vishnu:~$ 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

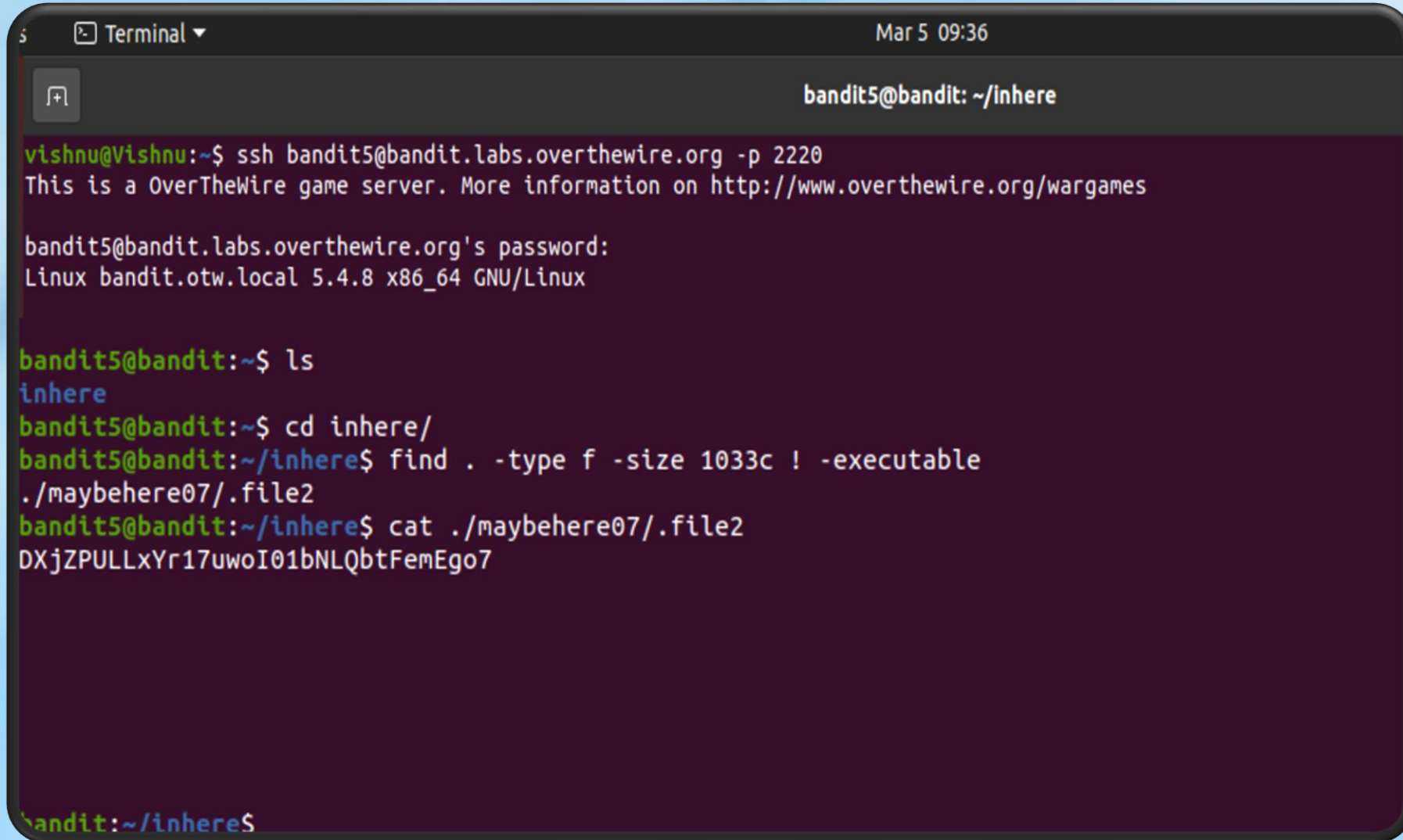
bandit4@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  3 root root 4096 May  7  2020 ./
4 drwxr-xr-x 41 root root 4096 May  7  2020 ../
4 -rw-r--r--  1 root root  220 May 15  2017 .bash_logout
4 -rw-r--r--  1 root root 3526 May 15  2017 .bashrc
4 drwxr-xr-x  2 root root 4096 May  7  2020 inhere/
4 -rw-r--r--  1 root root  675 May 15  2017 .profile

bandit4@bandit:~$ cd inhere/
bandit4@bandit:~/inhere$ ls
-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$ man xargs
bandit4@bandit:~/inhere$ cat ./-file07
koReBOKuIDDepwhwk7jZC0RTdopnAYKh
bandit4@bandit:~/inhere$
```



# LEVEL 5-6

PASSWORD: DXjZPULLxYr17uwoI01bNLQbtFemEgo7



```
Terminal ▾ Mar 5 09:36
bandit5@bandit: ~/inhere

vishnu@Vishnu:~$ 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

bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ find . -type f -size 1033c ! -executable
./maybehere07/.file2
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7

bandit:~/inhere$
```



# LEVEL 6-7

**PASSWORD: HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs**

1)

```
Terminal Mar 5 09:43
bandit6@bandit: ~
vishnu@vishnu:~$ ssh bandit6@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit6@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```

2)

```
bandit6@bandit:~$ find / -type f -user bandit7 -group bandit6 -size 33c
```

3)

```
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
```

4)

```
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
bandit6@bandit:~$
```

# LEVEL 7-8

PASSWORD: cvX2JJJa4CFALtqS87jk27qwqGhBM9p1v

```
Terminal ▾ Mar 5 11:31
bandit7@bandit: ~

vishnu@Vishnu:~$ ssh bandit7@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

bandit7@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

bandit7@bandit:~$ ls -alps
total 4108
 4 drwxr-xr-x  2 root    root      4096 May  7  2020 ./
 4 drwxr-xr-x 41 root    root      4096 May  7  2020 ../
 4 -rw-r--r--  1 root    root        220 May 15  2017 .bash_logout
 4 -rw-r--r--  1 root    root     3526 May 15  2017 .bashrc
4088 -rw-r----- 1 bandit8 bandit7 4184396 May  7  2020 data.txt
 4 -rw-r--r--  1 root    root        675 May 15  2017 .profile

bandit7@bandit:~$ grep "millionth" data.txt
millionth      cvX2JJJa4CFALtqS87jk27qwqGhBM9p1v

bandit7@bandit:~$
```

```
p9uqf1@p9uqf1:~$
wffjroufp      cVX5JJJa4CFALtqS87jk27qwqGhBM9p1v
p9uqf1@p9uqf1:~$ dleB "wffjroufp" q9f9.txt
 4 -LM-L--L--  1 root    root      4096 May  7  2020 ./
```



# LEVEL 8-9

PASSWORD:UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

1)

```
Terminal Mar 5 11:38
bandit8@bandit: ~
vishnu@vishnu:~$ 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
```

2)

```
bandit8@bandit:~$ cat data.txt
VkBAEWyIibVkeURZV5mowiGg6i3m7Be0
zdd2ctVveROGeiS2WE3TeLZMeL5jL7iM
sYSokIATVvFUKU4sAHTtMarfjLZWj5i
ySvsTwLMgnUF0n86Fgmn2TNjkS0lrV72
NLWvtQvL7EaqBNx2x4eznRLQONULCYZ
LfrBHFah0pP9bgGAZP4QrVkut3pysAYC
U0NYdD3wHZKpfEg9qGQOLJlMAJy6qxhS
fLyKxCbHB8uLTaIB5LXqQNuJj3yj00eh
77L8t-15875W8-13734L-0814-0000-86
```

3)

```
bandit8@bandit:~$ man uniq
bandit8@bandit:~$ sort data.txt | uniq -c
10 07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2
10 0efnqHY1ZTNRu4LsDX4D73DsXIq7RuJ
10 0N65ZPpNGkUJePzFxcCRZRXVrCbUGfm
10 0Xo6DLyK5izRqEtBA7sW2SRmlaixWYSg
10 10XitczY5Dz7UMoseKieFWSzzwQrylfw
10 1ETSsKnif0i1c1eFzXlJWzKzza3iWc1a
```

4)

```
10 UASW6CQwD6MRzftu6FAfyXBK0cVvnBLP
10 UJiCNvDNfgb3fcCj8PjjnAXHqUM63Uyj
10 UjsVbcqKeJqdCZQCDmkzv6A9X7hLbNE4
1 UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
10 UVnZvhiVQECraz5jl8U14sMVZQhjuXia
10 V2d9umHiuPLYLIDsuHj0fr0EmreCZMaA
```

# LEVEL 9-10

**PASSWORD:** truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

```
Terminal ▾ Mar 5 11:49
bandit9@bandit: ~

vishnu@Vishnu:~$ 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

bandit9@bandit:~$ strings data.txt | grep "="
===== 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:~$
```

```
p9uqrrc@p9uqrrc:~$
2=V'H8v
&===== fLkKqJ2pJ2dYlJ2SX5K00392H0J2E0K
22E=2
```



# LEVEL 10-11

**PASSWORD: IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR**

```
Terminal ▾ Mar 5 11:55
bandit10@bandit: ~
vishnu@Vishnu:~$ 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:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSCg==

bandit10@bandit:~$ man base64
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$
```

```
p9uqf70@p9uqf7:~$
the b922m0lq 7s IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
```

# LEVEL 11-12

**PASSWORD: 5Te8Y4drgCRfCx8ugdwwEX8KFC6k2EUu**

1)

```
Terminal Mar 5 12:01
bandit11@bandit: ~
vishnu@vishnu:~$ 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
```

2)

```
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH
bandit11@bandit:~$
```

3)

Last build: 6 months ago Options

Recipe

ROT13

☒ Rotate lower case chars ☒ Rotate upper case chars ☐ Rotate numbers

Amount: 13

Input

Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH

Output

The password is 5Te8Y4drgCRfCx8ugdwwEX8KFC6k2EUu



# LEVEL 12-13

PASSWORD: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

1)

```
Terminal Mar 5 12:49
bandit12@bandit: /tmp/vish25

vishnu@Vishnu:~$ ssh bandit12@bandit.labs.overthewire.org -p 2220
This 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
```

2)

```
bandit12@bandit:~$ mkdir /tmp/vishnu
mkdir: cannot create directory '/tmp/vishnu': File exists
bandit12@bandit:~$ mkdir /tmp/vish25
bandit12@bandit:~$ cp data.txt /tmp/vish25
bandit12@bandit:~$ cd /tmp/vish25
bandit12@bandit:/tmp/vish25$ ls
data.txt
bandit12@bandit:/tmp/vish25$ file data.txt
data.txt: ASCII text
bandit12@bandit:/tmp/vish25$ xxd -r data.txt > T7
bandit12@bandit:/tmp/vish25$ ls
data.txt  T7
bandit12@bandit:/tmp/vish25$ file T7
T7: gzip compressed data, was "data2.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/vish25$ man gzip
bandit12@bandit:/tmp/vish25$ mv T7 T7.gz
bandit12@bandit:/tmp/vish25$ ls
data.txt  T7.gz
bandit12@bandit:/tmp/vish25$ gzip -d T7.gz
bandit12@bandit:/tmp/vish25$ ls
data.txt  T7
bandit12@bandit:/tmp/vish25$ file T7
T7: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/vish25$ mv T7 T7.bz2
bandit12@bandit:/tmp/vish25$ ls
data.txt  T7.bz2
bandit12@bandit:/tmp/vish25$ man bzip2
bandit12@bandit:/tmp/vish25$ bzip2 -d T7.bz2
bandit12@bandit:/tmp/vish25$ ls
data.txt  T7
bandit12@bandit:/tmp/vish25$ file T7
T7: gzip compressed data, was "data4.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/vish25$ mv T7 T7.gz
bandit12@bandit:/tmp/vish25$ gzip -d T7.gz
bandit12@bandit:/tmp/vish25$ ls
data.txt  T7
bandit12@bandit:/tmp/vish25$ file T7
T7: POSIX tar archive (GNU)
bandit12@bandit:/tmp/vish25$ man tar
bandit12@bandit:/tmp/vish25$ mv T7 T7.tar
bandit12@bandit:/tmp/vish25$ tar -x -f T7.tar
bandit12@bandit:/tmp/vish25$ ls
data5.bin  data.txt  T7.tar
bandit12@bandit:/tmp/vish25$ file data5.bin
data5.bin: POSIX tar archive (GNU)
```

3)

```
bandit12@bandit:~$ ls
data.txt
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 bdfd 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...@...
```

4)

```
bandit12@bandit:/tmp/vish25$ mv data5.bin data5.tar
bandit12@bandit:/tmp/vish25$ tar -x -f data5.tar
bandit12@bandit:/tmp/vish25$ ls
data5.tar data6.bin data.txt T7.tar
bandit12@bandit:/tmp/vish25$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
```

5)

```
bandit12@bandit:/tmp/vish25$ ls
data5.tar data6.bzip2.out data.txt T7.tar
bandit12@bandit:/tmp/vish25$ mv data6.bzip2.out data6.bz2
mv: cannot stat 'data6.bzip2.out': No such file or directory
bandit12@bandit:/tmp/vish25$ mv data6.bzip2.out data6.bz2
bandit12@bandit:/tmp/vish25$ bzip -d data6.bz2
-bash: bzip: command not found
bandit12@bandit:/tmp/vish25$ bzip2 -d data6.bz2
bzip2: data6.bz2 is not a bzip2 file.
bandit12@bandit:/tmp/vish25$ ls
data5.tar data6.bz2 data.txt T7.tar
bandit12@bandit:/tmp/vish25$ file data6.bz2
data6.bz2: POSIX tar archive (GNU)
bandit12@bandit:/tmp/vish25$ mv data6.bz2 data6.tar
bandit12@bandit:/tmp/vish25$ tar -x -f data6.tar
bandit12@bandit:/tmp/vish25$ ls
data5.tar data6.tar data8.bin data.txt T7.tar
bandit12@bandit:/tmp/vish25$ 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/vish25$ mv data8.bin data8.gz
bandit12@bandit:/tmp/vish25$ gzip -d data8.gz
bandit12@bandit:/tmp/vish25$ ls
data5.tar data6.tar data8 data.txt T7.tar
bandit12@bandit:/tmp/vish25$ file data8
data8: ASCII text
```

6)

```
bandit12@bandit:/tmp/vish25$ cat data8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL
bandit12@bandit:/tmp/vish25$
```

# LEVEL 13-14

PASSWORD: 4wcYUJFw0k0XLSh1DzztnTBH1qxU3b3e

```
Terminal ▾ Mar 5 13:05
bandit14@bandit: ~

vishnu@Vishnu:~$ 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

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 SHA256:98UL0ZW85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.
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:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLSh1DzztnTBH1qxU3b3e
bandit14@bandit:~$
```



# LEVEL 14-15

**PASSWORD:** BfMYroe26wYa1i177FoDi9qh59eK5xNr

```
Terminal ▾ Mar 5 13:16
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$ nc localhost 30000
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
Correct!
BfMYroe26wYa1i177FoDi9qh59eK5xNr

bandit14@bandit:~$
```

# LEVEL 15-16

PASSWORD:c1uFn7wTiGryunymYOu4RcffSxQ1uehd

```
Terminal ▾ Mar 5 13:23
bandit15@bandit: ~

vishnu@Vishnu:~$ 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
- - -

bandit15@bandit:~$ cat /etc/bandit_pass/bandit15
BfMYroe26WYalil77FoDi9qh59eK5xNr
bandit15@bandit:~$ man nc | grep ssl
bandit15@bandit:~$ man nc
bandit15@bandit:~$ man ncat
bandit15@bandit:~$ man ncat | grep ssl
--ssl                Connect or listen with SSL
--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 certificate. Ncat comes with a default set
    used if available. Use --ssl-trustfile to give a custom list. Use -v one or more times to get details about verification failures. Ncat does
--ssl-cert certfile.pem (Specify SSL certificate)
    mode). Use it in combination with --ssl-key.
--ssl-key keyfile.pem (Specify SSL private key)
    This option gives the location of the PEM-encoded private key file that goes with the certificate named with --ssl-cert.
--ssl-trustfile cert.pem (List trusted certificates)
    --ssl-verify. The argument to this option is the name of a PEM file containing trusted certificates. Typically, the file will contain
--ssl-ciphers cipherlist (Specify SSL ciphersuites)
    http://www.openssl.org
bandit15@bandit:~$ ncat --ssl localhost 30001
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
c1uFn7wTiGryunymYOu4RcffSxQ1uehd
```