

SAHANA

21245

LEVEL:

```
sahanaselvam@sahanaselvam-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
```



The logo consists of the words "OverTheWire" in a large, stylized font where each letter is formed by a grid of small dashes. Below the main text, the website address "www.overthewire.org" is written in a smaller, similar dashed font.

```
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/.

Write-access to homedirectories is disabled. It is advised to create a
working directory with a hard-to-guess name in /tmp/. You can use the
command "mktemp -d" in order to generate a random and hard to guess
directory in /tmp/. Read-access to both /tmp/ and /proc/ is disabled
so that users can not snoop on eachother. Files and directories with
easily guessable or short names will be periodically deleted!

Please play nice:

    * don't leave orphan processes running
```

LEVEL 0 TO LEVEL 1:

```
bandit0@bandit:~$ ls
readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktd7800psq0ltutMc3MY1
```


LEVEL 2 TO LEVEL 3:

Enjoy your stay!

```
bandit2@bandit:~$ ls
spaces in this filename
bandit2@bandit:~$ cat 'spaces in the filename'
cat: 'spaces in the filename': No such file or directory
bandit2@bandit:~$ cat 'spaces in this filename'
UmHadQcLWmgdLOKQ3YNgjWxGoRmb5LuK
bandit2@bandit:~$
```

```
sahanaselvam@sahanaselvam-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:  
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.

```
--[ Playing the games ]--
```

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

LEVEL 3 TO LEVEL 4:

```
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cat inhere
cat: inhere: Is a directory
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls -a
.  ..  .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtpN36QITSp3EQaw936yaFoFqAB
```



```

Enjoy your stay!

bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ find . -type f -size 1033c ! -executable
./maybeh ere07/.file2
bandit5@bandit:~/inhere$ cat ./maybeh ere07/.file2
DXjZPULLxYr17UwoI01bNLQbtFemEgo7

bandit5@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
sahanaselvam@sahanaselvam-VirtualBox:~$

```

LEVEL 6 TO LEVEL 7:

```

Enjoy your stay!

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

```

LEVEL 7 TO LEVEL 8:

```

Enjoy your stay!

bandit7@bandit:~$ ls
data.txt
bandit7@bandit:~$ grep data.txt
grep: millionth: no such file or directory
bandit7@bandit:~$ grep millionth data.txt
millionth      cvX2JJJa4CFALTqS87jk27qwqGhBM9pLV
bandit7@bandit:~$

```

LEVEL 8 TO LEVEL 9:

```

bandit8@bandit:~$ sort data.txt | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
bandit8@bandit:~$ ssh bandit8@bandit.labs.overthewire.org -p 2220

^C
bandit8@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
sahanaselvam@sahanaselvam-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

```

LEVEL 9 TO LEVEL 10:

```

Binary file data.txt matches
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:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
sahanaselvam@sahanaselvam-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:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

```



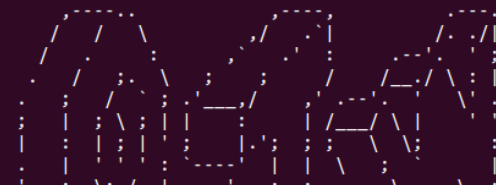
LEVEL 10 TO LEVEL 11:

```

bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ man base64
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8MQ3IRFqrxE1hXTNEbUPR
bandit10@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
sahanaselvam@sahanaselvam-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 TO LEVEL 12:

Enjoy your stay!

```
bandit11@bandit:~$ ls
data.txt
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ tr a-zA-Z n-za-mN-ZA-M

^C
bandit11@bandit:~$ tr a-zA-Z n-za-mN-ZA-M
^C
bandit11@bandit:~$ cat data.txt | tr '[A-Za-z]' '[N-ZA-Mn-za-m]'
The password is 5Te8Y4drGCRfCxBugdWuEX8KfC6k2EUu
bandit11@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
sahanaselvam@sahanaselvam-VirtualBox:~$ 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
```

LEVEL 12 TO LEVEL 13:

Enjoy your stay!

```
bandit12@bandit:~$ mkdir /tmp/pc
mkdir: cannot create directory '/tmp/pc': File exists
bandit12@bandit:~$ mkdir /tmp/s
bandit12@bandit:~$ cp data.txt/tmp/s
cp: missing destination file operand after 'data.txt/tmp/s'
Try 'cp --help' for more information.
bandit12@bandit:~$ cp data.txt /tmp/s
bandit12@bandit:~$ cd /tmp/s
bandit12@bandit:/tmp/s$ ls
data.txt
bandit12@bandit:/tmp/s$ mv data.txt myfile.txt
bandit12@bandit:/tmp/s$ ls
myfile.txt
bandit12@bandit:/tmp/s$ 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 bfb9 7fda   &SY.O.....
00000030: 9e7f 4f76 9fcf fe7d 3fff f67d abde 5e9f   ..Ov...}?...^
00000040: f3fe 9fbf f6f1 feee bdfd a3ff b001 3b1b
```

```
00000250: 4242 393c 7320 98f7 681d 3d02 0000      BB9<s ..h.=...
bandit12@bandit:/tmp/s$ xxd -r myfile.txt > myfile1.bin
bandit12@bandit:/tmp/s$ ls
myfile1.bin  myfile.txt
bandit12@bandit:/tmp/s$ 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/s$ zcat myfile1.bin > myfile2
bandit12@bandit:/tmp/s$ ls
myfile1.bin  myfile2  myfile.txt
bandit12@bandit:/tmp/s$ file myfile2
myfile2: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/s$ bzip2 myfile2 > myfile3
bandit12@bandit:/tmp/s$ 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/s$ zcat myfile3 > myfile4
bandit12@bandit:/tmp/s$ file myfile4
myfile4: POSIX tar archive (GNU)
bandit12@bandit:/tmp/s$ tar -xvf data5.bin
tar: data5.bin: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/s$ tar -xvf myfile4
data5.bin
bandit12@bandit:/tmp/s$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/s$ tar -xvf data5.bin
data6.bin
bandit12@bandit:/tmp/s$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/s$ tar -xvf data6.bin
data8.bin
bandit12@bandit:/tmp/s$ 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/s$ zcat data8.bin > myfile9
bandit12@bandit:/tmp/s$ file myfile9
myfile9: ASCII text
bandit12@bandit:/tmp/s$ cat myfile9
The password is 8ZjyCRiBWFYkneahHwxCV3wb2a1ORpYL
bandit12@bandit:/tmp/s$
```

LEVEL 13 TO LEVEL 14: