

Bandit Level 0

Donate!

Level Goal

The goal of this level is for you to log into the game using SSH. The host to which you need to connect is **bandit.labs.overthewire.org**, on port 2220. The username is **bandit0** and the password is **bandit0**. Once logged in, go to the [Level 1](#) page to find out how to beat Level 1.

Commands you may need to solve this level

ssh

На 0 уровне пароль дан изначально

A screenshot of a terminal window titled "bandit@bandit: ~". The user has run the command "ssh bandit0@bandit.labs.overthewire.org -p 2220". The response is a standard OverTheWire banner:

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

Then, it asks for the password:

```
backend: gibson-0  
bandit0@bandit.labs.overthewire.org's password:
```

The password is displayed as a series of ASCII art characters forming the word "bandit0".

```
/ . . . .  
. / . \ ; , / . . : . . . ;  
. ; / \ ; ; ' , / . . . . ;\ ;  
; | ; \ ; | ; : | / . . . . ;\ ;  
| : | ; | ; | . ; ; \ ; ; :  
; | ; \ ; | ; : | / . . . . ;\ ;  
; \ ; / | ; : ; . \ ; ; \ ;  
; \ ; / | ; : ; . \ ; ; \ ;  
www. --- ver --- he ---" ire.org
```

Finally, the user is welcomed:

```
Welcome to OverTheWire!  
If you find any problems, please report them to the #wargames channel on  
Discord or TRC.
```

Bandit Level 0 → Level 1

Level Goal

The password for the next level is stored in a file called **readme** located in the home directory. Use this password to log into bandit1 using SSH. Whenever you find a problem, use SSH (on port 2220) to log into that level and continue the game.

Commands you may need to solve this level

ls, cd, cat, file, du, find

Дано простое имя файла вывожу этот файл через cat:

```
bandit0@bandit:~$ cat readme  
Congratulations on your first steps into the bandit game!!  
Please make sure you have read the rules at https://overthewire.org/rules/  
If you are following a course, workshop, walkthrough or other educational activity,  
please inform the instructor about the rules as well and encourage them to  
contribute to the OverTheWire community so we can keep these games free!
```

The password you are looking for is: **ZjLjTmM6FvvyRnrb2rfNWOZOTa6ip5If**

Bandit Level 1 → Level 2

Level Goal

The password for the next level is stored in a file called - located in the home directory

Commands you may need to solve this level

`ls , cd , cat , file , du , find`

Имя файла состоит из символа -, поэтому, чтобы вывелось корректно, использую перенаправление ввода

```
bandit1@bandit:~$ cat <-
263JGJPfgU6LtdEvgfLWU1XP5yac29mFx
bandit1@bandit:~$ exit
logout
There are stopped jobs.
```

Bandit Level 2 → Level 3

Level Goal

The password for the next level is stored in a file called --spaces in this filename-- located in the home directory

Commands you may need to solve this level

`ls , cd , cat , file , du , find`

Чтобы вывести файл с данным именем использую одинарные кавычки и «./»

```
bandit2@bandit:~$ cat './--space'
MNk8KNH3Usio41PRUEoDFPqfxLPlSmx
bandit2@bandit:~$ exit
logout
Connection to bandit.labs.overthe

```

```
ubuntu@ubuntu:~$ ssh bandit3@bandit.labs.overthewire.org -p 2220
```

```
[ _ ] [ _ ] [ _ ] [ _ ] [ _ ] [ _ ]
|   \ /   \ /   \ /   \ /   \ /   \ /
| [ ] [ ] [ ] [ ] [ ] [ ] [ ]
[ . ] / [ \ ], [ ] [ ] [ ] [ \ ], [ ] [ \ ]
This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames
backend: gibson-0
bandit3@bandit.labs.overthewire.org's password:
[ _ ] [ _ ] [ _ ] [ _ ] [ _ ] [ _ ]
|   \ /   \ /   \ /   \ /   \ /   \ /
| [ ] [ ] [ ] [ ] [ ] [ ]
[ . ] / [ \ ], [ ] [ ] [ ] [ \ ], [ ] [ \ ]
```

Bandit Level 3 → Level 4

Level Goal

The password for the next level is stored in a hidden file in the `inhere` directory.

Commands you may need to solve this level

ls, cd, cat, file, du, find

Через `cd` перемещаюсь в нужную папку и через `cat` вывожу содержимое нужного файла:

```
bandit3@bandit:~$ cd inhere  
bandit3@bandit:~/inhere$ ls -l  
total 0  
bandit3@bandit:~/inhere$ ls -a  
. . . . .Hiding-From-You
```

```
bandit3@bandit:~/inhere$ cat './...Hiding-From-You'  
2WmrDFRMJIq3IPxneAaMGhap0pFhF3NJ  
bandit3@bandit:~/inhere$
```

```
ubuntu@ubuntu:~$ ssh bandit4@bandit.labs.overthewire.org -p 2220
```

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

```
backend: gibson-0  
bandit4@bandit.labs.overthewire.org's password:
```

Bandit Level 4 → Level 5

Level Goal

The password for the next level is stored in the only human-readable file in the `inhere` directory. Tip: if your terminal is messed up, try the "reset" command.

Commands you may need to solve this level

ls , cd , cat , file , du , find

Перемещаюсь в нужную папку через cd. Через ls -l вывожу список файлов в папке. Применяю утилиту file ко всем файлам используя маску * и смотрю тип содержимого. Через cat вывожу файл с текстом:

```
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ ls -l
total 40
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file00
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file01
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file02
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file03
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file04
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file05
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file06
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file07
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file08
-rw-r----- 1 bandit5 bandit4 33 Oct 14 09:26 -file09
bandit4@bandit:~/inhere$ file ./*
./-file00: data
./-file01: data
./-file02: data
./-file03: data
./-file04: data
./-file05: data
./-file06: data
./-file07: ASCII text
./-file08: data
./-file09: data
bandit4@bandit:~/inhere$ cat './-file07'
4oQYVPkxZ00E005pTW81FB8j8lxXGUQw
```

```
ubuntu@ubuntu:~$ ssh bandit5@bandit.labs.overthewire.org -p 2220
```

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

```
backend: gibson-0
bandit5@bandit.labs.overthewire.org's password:
```

Bandit Level 5 → Level 6

Level Goal

The password for the next level is stored in a file somewhere under the `inhere` directory and has all of the following properties:

- human-readable
- 1033 bytes in size
- not executable

Перемещаюсь в нужную папку через `cd` и смотрю содержимое через `ls -l` (куча подкаталогов). Нужный файл обладает несколькими свойствами, но с нужным размером в целом только 1 файл оказался, поэтому хватило поиска по размеру файла, по другим свойствам не пришлось искать. Вывела содержимое через `cat`.

```
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ ls -l
total 80
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere00
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere01
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere02
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere03
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere04
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere05
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere06
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere07
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere08
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere09
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere10
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere11
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere12
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere13
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere14
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere15
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere16
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere17
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere18
drwxr-x--- 2 root bandit5 4096 Oct 14 09:26 maybehere19
bandit5@bandit:~/inhere$ find -size 1033c
./maybehere07/.file2
bandit5@bandit:~/inhere$ cat './maybehere07/.file2'
HWasnPhtq9AVKe0dmk45nxy20cvUa6EG
```

```
ubuntu@ubuntu:~$ ssh bandit6@bandit.labs.overthewire.org -p 2220
[=][=][=][=][=][=][=][=][=][=]
[=][=][=][=][=][=][=][=][=][=]
[=][=][=][=][=][=][=][=][=][=]
[=][=][=][=][=][=][=][=][=][=]

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

backend: gibson-0
bandit6@bandit.labs.overthewire.org's password:

[=][=][=][=][=][=][=][=][=][=]
[=][=][=][=][=][=][=][=][=][=]
```

Bandit Level 6 → Level 7

Level Goal

The password for the next level is stored **somewhere on the server** and has all of the following properties:

```
owned by user bandit7
owned by group bandit6
33 bytes in size
```

Commands you may need to solve this level

```
ls, cd, cat, file, du, find, grep
```

Здесь в `find` передала уже все нужные свойства. Тот файл, к которому есть доступ, вывожу через `cat` и получаю пароль

```
bandit6@bandit:~$ find / -user bandit7 -group bandit6 -size 33c
find: '/proc/tty/driver': Permission denied
find: '/proc/1/task/1/fd': Permission denied
find: '/proc/1/task/1/fdinfo': Permission denied
find: '/proc/1/task/1/ns': Permission denied
find: '/proc/1/fd': Permission denied
find: '/proc/1/map_files': Permission denied
find: '/proc/1/fdinfo': Permission denied
find: '/proc/1/ns': Permission denied
find: '/proc/2/task/2/fd': Permission denied
...
find: '/var/lib/chrony': Permission denied
find: '/var/lib/udisks2': Permission denied
find: '/var/lib/snapd/cookie': Permission denied
find: '/var/lib/snapd/void': Permission denied
find: '/var/lib/private': Permission denied
find: '/var/lib/ubuntu-advantage/apt-esm/var/lib/apt/lists/partial': Permission denied
[redacted] /var/lib/dpkg/info/bandit7.password
find: '/var/lib/amazon': Permission denied
find: '/var/crash': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/dev/shm': Permission denied
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
morbNTDkSW6jILUc0ym0dMaLn0lFVAaj
bandit6@bandit:~$
```

Bandit Level 7 → Level 8

Level Goal

The password for the next level is stored in the file **data.txt** next to the word **millionth**

Commands you may need to solve this level

man, grep, sort, uniq, strings, base64, tr, tar, gzip, bzip2, xxd

В grep передаю слово после которого идет пароль и имя файла для поиска:

```
bandit7@bandit:~$ grep millionth data.txt
millionth      dfwvzFQi4mU0wfNbFOe9RoWskMLg7eEc
bandit7@bandit:~$
```

Bandit Level 8 → Level 9

Level Goal

The password for the next level is stored in the file **data.txt** and is the only line of text that occurs only once.

Commands you may need to solve this level

grep, sort, uniq, strings, base64, tr, tar, gzip, bzip2, xxd

Helpful Reading Material

Piping and Redirection

Сортирую содержимое файла и передаю в uniq — чтобы получить только уникальные строки

```
bandit8@bandit:~$ sort data.txt | uniq -u  
4CKMh1JI91bUIZZPXDqGanal4xvAg0JM  
bandit8@bandit:~$
```

```
ubuntu@ubuntu:~$ ssh bandit9@bandit.labs.overthewire.org -p 2220
```

—|—\ / —-—|—\ / —|—()—|—
|—\ / —|—()—|—+ + ()—|—+ + |—
|—+ + / —\ / —|—+ + |—\ / —|—+ + |—

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

```
backend: gibson-0  
bandit9@bandit.labs.overthewire.org's password:
```

/ / \ : , / \ : / / \ : / / \ : /

Bandit Level 9 → Level 10

Level Goal

The password for the next level is stored in the file **data.txt** in one of the few human-readable strings, preceded by several '=' characters.

Commands you may need to solve this level

grep, sort, uniq, strings, base64, tr, tar, gzip, bzip2, xxd

Здесь можно было ограничиться командой strings, пароль было нетрудно найти, но я добавила проверку наличия в строке знаков =, используя конвейер и grep, так еще нагляднее

```
bandit9@bandit:~$ strings data.txt | grep '=.*'  
FB`=  
c\5D=  
===== the  
?/=l  
=Uc1  
=vG*2P  
===== password  
k=ezG  
E===== is  
=%r_  
.?=Dm  
0&A=n  
5===== FGUW5i1LVJrxX9kMYMmlN4MgbpfMiqey  
=*^Y  
=L3jT  
q<=,  
'QHE=  
+=NBf
```

Конец, дальше незнакомые команды, надо разбираться перед прохождением.

