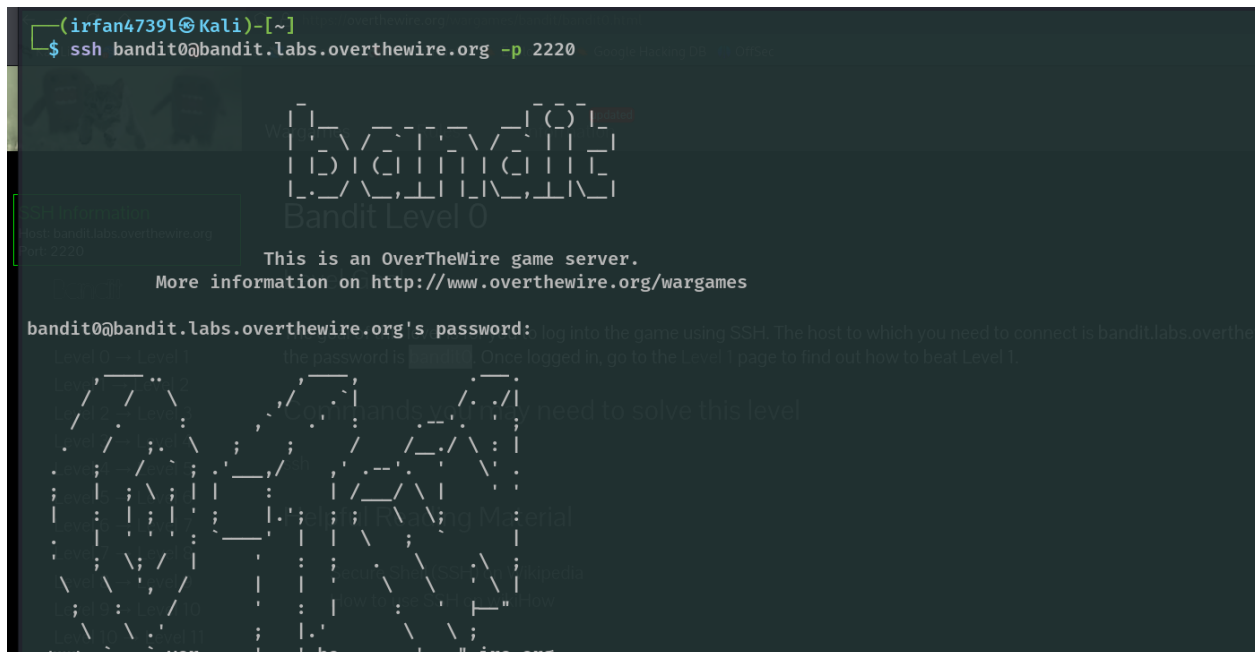


# Bandit Level 1 to Level 5

## Bandit Level 0:

In the level 0, I log into the game using SSH. The host we need to connect is [bandit.labs.overthewire.org](https://bandit.labs.overthewire.org), on port 2220. The username is **bandit0** and the password is **bandit0**.



```
(irfan47391@Kali)-[~]
$ ssh bandit0@bandit.labs.overthewire.org -p 2220
```

The screenshot shows a terminal window with a dark background. At the top, the prompt is `(irfan47391@Kali)-[~]`. The user has entered the command `$ ssh bandit0@bandit.labs.overthewire.org -p 2220`. The terminal output shows a large ASCII art logo for "OverTheWire" in a stylized, blocky font. Below the logo, the text "Bandit Level 0" is displayed. A message states: "This is an OverTheWire game server. More information on <http://www.overthewire.org/wargames>". Below this, a prompt asks for the password: "bandit0@bandit.labs.overthewire.org's password:". The user has entered the password, and the terminal shows a message: "Level 0 completed. The password is bandit0. Once logged in, go to the Level 1 page to find out how to beat Level 1." At the bottom, there is a large ASCII art logo for "OverTheWire" again, followed by the text "www.overthewire.org".

## Level 0 → Level 1:

The password for this level is stored in the file named `readme`.

```
bandit0@bandit:~$ ls
readme
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: ZjLjTmM6FvvyRnrb2rfNWOZ0Ta6ip5If
```

To view the list of files, I used the `ls` command and found a file named `readme`. I opened the file using the `cat readme` command, and I found the password for the next level.

### Level 1 → Level 2:

The password for the next level is stored in a file named -. First, I logged into level 1 using SSH and found password.

To view the list of files, I used the `ls` command, and to open the specific file named `-`, I used the command `cat ./-`. And I found the password for next level.

```
bandit1@bandit:~$ ls
-
bandit1@bandit:~$ cat ./-
263JGJPfgU6LtdEvgfWU1XP5yac29mFx
bandit1@bandit:~$
```

## Level 2 → Level 3:

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

First, I logged into level 2 using SSH and found password.

```
(irfan4739l@Kali)-[~]
$ ssh bandit2@bandit.labs.overthewire.org -p 2220
This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames
bandit2@bandit.labs.overthewire.org's password:
```


To view the list of files, I used the `ls` command, and to open the specific file named `-`, I used the command `cat "spaces in this filename"`. And i found the password for next level.

```
bandit2@bandit:~$ ls
spaces in this filename
bandit2@bandit:~$ cat "spaces in this filename"
MNk8KNH3Usii041PRUEoDFPqfxLPLSmx
bandit2@bandit:~$
```

### Level 3 → Level 4:

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

First, I logged into level 3 using SSH and found password.



The screenshot shows a Kali Linux terminal window. At the top, the user is in the root shell with the prompt `(irfan47391@Kali)~#`. They execute the command `$ ssh bandit3@bandit.labs.overthewire.org -p 2220`. The terminal output shows the SSH connection process, including the host key fingerprint and the user's confirmation to proceed. The prompt then changes to `bandit3@bandit.labs.overthewire.org's password:`. The background of the terminal features a large, stylized ASCII art logo that reads "OverTheWire".

To view the list of files, I used the `ls` command, and it showed a directory named `inhere`. To enter the directory, I used the command `cd inhere`. After that, I ran the `ls` command again, but nothing was displayed, indicating there might be a hidden file.

To view hidden files, I used the `ls -a` command and found a hidden file named **...Hiding-From-You**. I opened the file using the command `cat ...Hiding-From-You`. And i fond the password for next level.

```
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ ls -la
.  ..  ...Hiding-From-You
bandit3@bandit:~/inhere$ cat ...Hiding-From-You
2WmrDFrmJIq3IPxneAaMGhap0pFhF3NJ
bandit3@bandit:~/inhere$
```

### Level 4 → Level 5:

The password for the next level is stored in the only human-readable file in the **inhere** directory

First, I logged into level 4 using SSH and found password.

[illegible]

To view the list of files, I used the **ls** command, and it showed a directory named **inhere**. To enter the directory, I used the command **cd inhere**. After that, I ran the **ls** command again, it showed the list

of files i simply open the all the file using `cat ./-file{00..09}` And where I found the correct password for next level.

```
bandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ ls -a
.  ..  -file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -file09
bandit4@bandit:~/inhere$ ls
-file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -file09
bandit4@bandit:~/inhere$ ls -l
total 40
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file00
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file01
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file02
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file03
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file04
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file05
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file06
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file07
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file08
-rw-r--r-- 1 bandit5 bandit4 33 Sep 19 2024 -file09
bandit4@bandit:~/inhere$ cat ./-file{00..09}
pP6y,(jo.at:uf^@iR,Λ:Y??%A+++B+++3  )[]#Y-6c+IR-+ $++++:++++/
+++++qGi+,2Yb

dR0x++++h0~ey
+c~+h+nG1}++++F+++W>+#+lk+d+yE++6+0][+ $+1%+++++o@+b/+4oQYVPkxZ00E005pTW81FB8j8lXGUQw
nS+
<+][
W+ee+l+++++0++D++2g++?++++`>5HYA+u+++8+g`0+$`+bandit4@bandit:~/inhere$
```