# Level 6 | Bandit | OverTheWire

English | Spanish

PDF version.

## Challenge description.

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

## Information given by the challenge.

Useful information given by the previous level.

- *hostname*: " bandit.labs.overthewire.org ".
- *port*: " 22 " (2220).
- *user*: " bandit5 ".
- *password*: " 4oQYVPkxZOOEOO5pTW81FB8j8lxXGUQw ".

Commands you may need to solve this level.

- ls, cd, cat, file, du, find.

# Procedure.

1. We use the *ls* command to check for contents of the home folder.

```
bandit4@bandit:~$ ls
```

2. After getting the location of the " inhere " directory with the previous command, we use the *cd* command to change our ubication into that directory.

```
bandit4@bandit:~$ cd inhere
```

3. Once inside " inhere ", we use the *ls* command once again to check for the contents of the folder.

```
bandit4@bandit:~/inhere$ ls
```

4. After the last use of the *ls* command, we get as the output 20 different files named from " maybehere00 " to " maybehere19 ".
   So, knowing this, we start looking inside every single one of these folders looking for a non executable file, that has 1033 bytes of size.

```
bandit4@bandit:~/inhere$ cd maybehere[..]

bandit4@bandit:~/inhere/maybehere[..]$ ls -lsa

bandit4@bandit:~/inhere$ cd ..
```

> These would be the commands we apply to each and every single folder looking for that file.

5. After looking individually in each folder, we reach " maybehere07 ", were we find a file called " .file2 " that is a non executable that also is 1033 bytes in size. So, we apply the *cat* command to it, to see if it´s output is human readable, and these are the results.

```
bandit4@bandit:~/inhere/maybehere07$ cat .file2
```

- And that´s where we find the human readable string that makes the *flag* of this level, and the password for the next level. This being " HWasnPhtq9AVKe0dmk45nxy20cvUa6EG ".

# Attachment.

```
  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit5@bandit:~$ pwd
/home/bandit5
bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ ls
maybehere00  maybehere02  maybehere04  maybehere06  maybehere08  maybehere10  maybehere12  maybehere14  maybehere16  maybehere18
maybehere01  maybehere03  maybehere05  maybehere07  maybehere09  maybehere11  maybehere13  maybehere15  maybehere17  maybehere19
```

> 1. First half of the procedure.

```
bandit5@bandit:~/inhere$ cd maybehere07
bandit5@bandit:~/inhere/maybehere07$ ls -lsah
total 56K
4.0K drwxr-x---  2 root bandit5 4.0K Oct 14 09:26 .
4.0K drwxr-x--- 22 root bandit5 4.0K Oct 14 09:26 ..
4.0K -rwxr-x---  1 root bandit5 3.6K Oct 14 09:26 -file1
4.0K -rwxr-x---  1 root bandit5 3.0K Oct 14 09:26 .file1
4.0K -rw-r-----  1 root bandit5 2.5K Oct 14 09:26 -file2
4.0K -rw-r-----  1 root bandit5 1.1K Oct 14 09:26 .file2
4.0K -rwxr-x---  1 root bandit5 3.3K Oct 14 09:26 -file3
4.0K -rwxr-x---  1 root bandit5 2.0K Oct 14 09:26 .file3
8.0K -rwxr-x---  1 root bandit5 4.1K Oct 14 09:26 spaces file1
 12K -rw-r-----  1 root bandit5 8.9K Oct 14 09:26 spaces file2
4.0K -rwxr-x---  1 root bandit5 1022 Oct 14 09:26 spaces file3
bandit5@bandit:~/inhere/maybehere07$ ls -lsa .file2
4 -rw-r----- 1 root bandit5 1033 Oct 14 09:26 .file2
bandit5@bandit:~/inhere/maybehere07$ cat .file2
HWasnPhtq9AVKe0dmk45nxy20cvUa6EG
```

> 2. Second half of the procedure.