

Level 5 | Bandit | OverTheWire

Bandit Level 4 → Level 5

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Challenge description.

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.

Information given by the challenge.

Useful information given by the previous level.

- *hostname*: " bandit.labs.overthewire.org ".
- *port*: " 22 " (2220).
- *user*: " bandit4 ".
- *password*: " 2WmrDFRmJlq3IPxneAaMGhap0pFhF3NJ ".

Commands you may need to solve this level.

- [ls](#), [cd](#), [cat](#), [file](#), [du](#), [find](#).
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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 location 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 10 different files named from "-file00" to "-file09".

So, knowing this, we apply the `cat` command to every single one of the files looking for the one that has human readable output in it, that should be the one that has the flag of the level according to the description of the challenge.

```
bandit4@bandit:~/inhere$ cat "./-file00"

bandit4@bandit:~/inhere$ cat "./-file01"

bandit4@bandit:~/inhere$ cat "./-file02"

[...]

bandit4@bandit:~/inhere$ cat "./-file07"
4oQYVPkxZOOEOO5pTW81FB8j8lXGUQw

bandit4@bandit:~/inhere$ cat "./-file08"

bandit4@bandit:~/inhere$ cat "./-file09"
```

- The output of those commands shows us that the file that has the flag is "-file07", with an output of " 4oQYVPkxZOOEOO5pTW81FB8j8lXGUQw ".

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.