

Bandit 0

ssh bandit0@bandit.labs.overthewire.org -p 2220

Password is bandit0.

Description: “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 password for a level, use SSH (on port 2220) to log into that level and continue the game.”

Commands that may be used: ls, cd, cat, file, du, find

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

```
readme
```

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

```
boJ9jbbUNNfktd78OOpsqOltutMc3MY1
```

We can use cat to show the contents of a file

Bandit 1

ssh bandit1@bandit.labs.overthewire.org -p 2220

Password is boJ9jbbUNNfktd78OOpsqOltutMc3MY1

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

Commands that may be used: ls, cd, cat, file, du, find

```
bandit1@bandit:~$ ls
```

```
-
```

```
bandit1@bandit:~$ cat ./-
```

```
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
```

We can cat the password file with the weird name by using “./”

Bandit 2

ssh bandit2@bandit.labs.overthewire.org -p 2220

Password is CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

Description: “The password for the next level is stored in a file called **spaces in this filename** located in the home directory”

Commands that may be used: ls, cd, cat, file, du, find

```
bandit2@bandit:~$ ls
```

```
spaces in this filename
```

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

```
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
```

By using quotes we can ignore the spaces in a file name. We can also use backslashes

```
bandit2@bandit:~$ cat spaces\ in\ this\ filename
```

```
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
```

Bandit 3

```
ssh bandit3@bandit.labs.overthewire.org -p 2220
```

Password is UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

Description: “The password for the next level is stored in a hidden file in the **inhere** directory.”

Commands that may be used: ls, cd, cat, file, du, find

```
bandit3@bandit:~$ ls
```

```
inhere
```

```
bandit3@bandit:~$ cd inhere/
```

```
bandit3@bandit:~/inhere$ ls
```

```
bandit3@bandit:~/inhere$ ls -a
```

```
. .. .hidden
```

```
-rw-r----- 1 bandit4 bandit3 33 May 7 2020 .hidden
```

```
bandit3@bandit:~/inhere$ cat .hidden
```

```
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
```

We first go into the directory called “inhere” by using the “cd” command then in this directory. You can see hidden files in linux by adding “-a” to the ls command. Then we can cat the file using “cat .hidden”

Bandit 4

ssh bandit4@bandit.labs.overthewire.org -p 2220

Password is pIwrPrtPN36QITSp3EQaw936yaFoFgAB

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.”

Commands that may be used: ls, cd, cat, file, du, find

```
bandit4@bandit:~/inhere$ cd ..
bandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ cd inhere/
bandit4@bandit:~/inhere$ ls
-file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -file09
bandit4@bandit:~/inhere$ strings ./*
!TQO
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
```

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

In the “inhere” directory there are multiple files that could contain the password for the next level. Some of the files in this directory contain non printable characters. By using the command strings instead of cat we can only show the printable characters to the screen.

Bandit 5

ssh bandit5@bandit.labs.overthewire.org -p 2220

Password is koReBOKuIDDepwhWk7jZC0RTdopnAYKh

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

”

Commands that may be used: ls, cd, cat, file, du, find

```
bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere/
```

```
bandit5@bandit:~/inhere$ ls
maybeh ere00 maybeh ere02 maybeh ere04 maybeh ere06 maybeh ere08 maybeh ere10
maybeh ere12 maybeh ere14 maybeh ere16 maybeh ere18
maybeh ere01 maybeh ere03 maybeh ere05 maybeh ere07 maybeh ere09 maybeh ere11
maybeh ere13 maybeh ere15 maybeh ere17 maybeh ere19
```

```
bandit5@bandit:~/inhere$ find -readable -type f -size 1033c ! -executable
./maybeh ere07/.file2
bandit5@bandit:~/inhere$ cat ./maybeh ere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

Let's break down the command used to find the correct file

- readable -- Show only readable files
- type f -size 1033c -- File size is 1033 bytes
- ! -executable -- The file is NOT executable