

Bandit – Stage by Stage explanation

Level 0

All you have to do here is ssh onto the bandit server. This can be done with the command `$ ssh -p 2220 bandit0@bandit.labs.overthewire.org` and then entering the password `bandit0`

Level 1

The password for the next level is stored in a file on the desktop named 'readme'.

This can be revealed with the `ls` command, and read with `cat readme`.

The password for bandit1 is `boJ9jbbUNNfktD7800psq0ltutMc3MY1`

Level 2

The password here is stored in a file called '-'

This can be revealed with the `ls` command, but running `cat -` confuses the system, as `-` normally denotes a flag. We can get around this by using the complete file path, `./-`. This gives us the command `cat ./-`

The password for bandit2 is `CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9`

Level 3

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

This cannot be accessed by simply running `cat spaces in this file name`, as the system will register this as four separate files. Instead, we can either use the escape character, `"`, in front of the spaces, or specify the file name in quotation marks. This gives us either `cat spaces\ in\ this\ filename` or `cat "spaces in this file name"`

The password for bandit3 is `UmHadQclWmgdLOKQ3YNgjWxGoRmb5luK`

Level 4

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

We can change into this directory using `cd inhere`, and then reveal the hidden file, which is called `hidden`. We can then read the contents of this file with the command `cat hidden`.

The password for bandit4 is `pIwrPrtPN36QITSp3EQaw936yaFoFgAB`