

Bandit Level 6 - Level 7

In this level the password is stored somewhere on the server! So we are not given a directory or folder to work from. However we know the file properties which are:

- owned by user bandit7
- owned by group bandit6
- 33 bytes in size

From the previous level we know how to search for size. Searching for user and group is simply adding flags and the names given above. E.g. -user bandit7 and -group bandit6

We need to run the command to search the whole server or from the root.

However if we run the command

```
find / -user bandit7 -group bandit6 -size 33c
```

It will bring up a long list of directories that we do not have permission to view / denied. We can either wade through the list to find the file containing the password or we can direct error messages to a 'black hole' / discard them.

We can use append the following.

```
2>dev/null
```

The '2' represents standard error.

The '>' directs the output to another stream.

The '/dev/null' used to suppress error messages or all error outputs are ignored.

Lets run the command again, but with the above included.

```
bandit6@bandit:~$ find / -user bandit7 -group bandit6 -size 33c 2>/dev/null  
/var/lib/dpkg/info/bandit7.password
```

Lets cat bandit7 file to display the password. In this example we can cat from the current directory we are in.

```
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password  
morbNTDkSW6jIlUc0ym0dMaLn0lFVAaj
```

Level 7. Bingo!