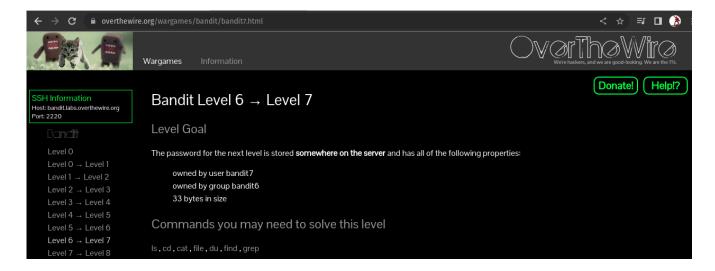
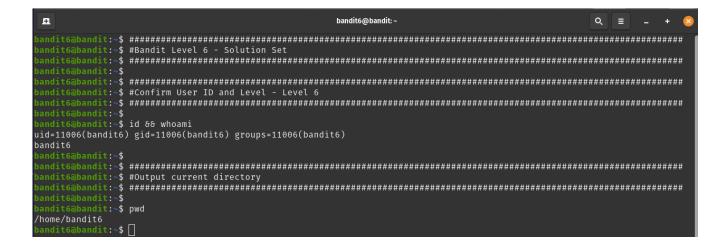
## Bandit Level 6 -> Level 7

SSH Parameters					
Host:	Bandit.labs.overthewire.org				
Port:	2220				

Website URLs						
Level 6 —> Level 7	OverTheWire: Level Goal: Bandit Level 6 → Level 7					
Level 7 —> Level 8	OverTheWire: Level Goal: Bandit Level 7 → Level 8					

Passwords						
Level	User Name	Password				
Level 6 → Level 7	bandit6	P4L4vucdmLnm8I7VI7jG1ApGSfjYKqJU				
Level 7 → Level 8	bandit7	z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S				





```
bandit@bandit:/$ #Command: find . -user bandit7 -group bandit6 -size 33c

bandit6@bandit:/$ #Command Anatomy: The period (.) signifies a recursive search of the root directory (the entire computer)

bandit6@bandit:/$ # the -user option/switch pulls those records where the owner/user is bandit7

bandit6@bandit:/$ # the -size option/switch pulls those records where the group is bandit6

bandit6@bandit:/$ # the -size option/switch pulls those records where the size is 33 bytes. the c denotes a metric of bytes

bandit6@bandit:/$ find -user bandit7 -group bandit6 -size 33c

find: './var/log': Permission denied

find: './var/log': Permission denied

find: './var/spool/rsyslog': Permission denied

find: './var/spool/rsyslog': Permission denied

find: './var/spool/cron/crontabs': Permission denied

find: './var/lib/plokit-1': Permission denied

find: './var/lib/polkit-1': Permission denied

find: './var/lib/prony': Permission denied

find: './var/lib/apt/lists/partial': Permission denied

find: './var/lib/apt/lists/partial': Permission denied

find: './var/lib/snapd/void': Permission denied

find: './var/lib/snapd/void': Permission denied

find: './var/lib/snapd/cookie': Permission denied

find: './var/lib/snapd/cookie': Permission denied

find: './var/lib/private': Permission denied
```

```
bandit6@bandit:/$ #Much of the output, from the find command above, was errors (permission denied, etc.)
bandit6@bandit:/$ #Linux commands return two types of output - standard output and standard error
bandit6@bandit:/$ #An example of standard error are lines ending with Permission Denied
bandit6@bandit:/$ #To distill standard output from standard error we redirect standard to /dev/null
bandit6@bandit:/$ #Linux assigns standard output the number 1 and standard error the number 2
bandit6@bandit:/$ #As such, we will append the find statement with the redirect of 2>/dev/null
bandit6@bandit:/$ #This redirect sends standard errors to /dev/null which disappears anything sent to it.
bandit6@bandit:/$
bandit6@bandit:/$ #The revised find command is:
bandit6@bandit:/$ find -user bandit7 -group bandit6 -size 33c 2>/dev/null
./var/lib/dpkg/info/bandit7.password
bandit6@bandit:/$ #The above command outputs the full file path/file containing the Level 7 password
bandit6@bandit:/$ #To automate reading of this file we nest the above find command within the cat command.
bandit6@bandit:/$ #First the find command is executed, outputing the file path, and this is read by cat.
bandit6@bandit:/$ cat $(find -user bandit7 -group bandit6 -size 33c 2>/dev/null)
z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S
```

\*\*\*\*\*\*\*\*\*

## Level 7 —> Level 8 Password

z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S