

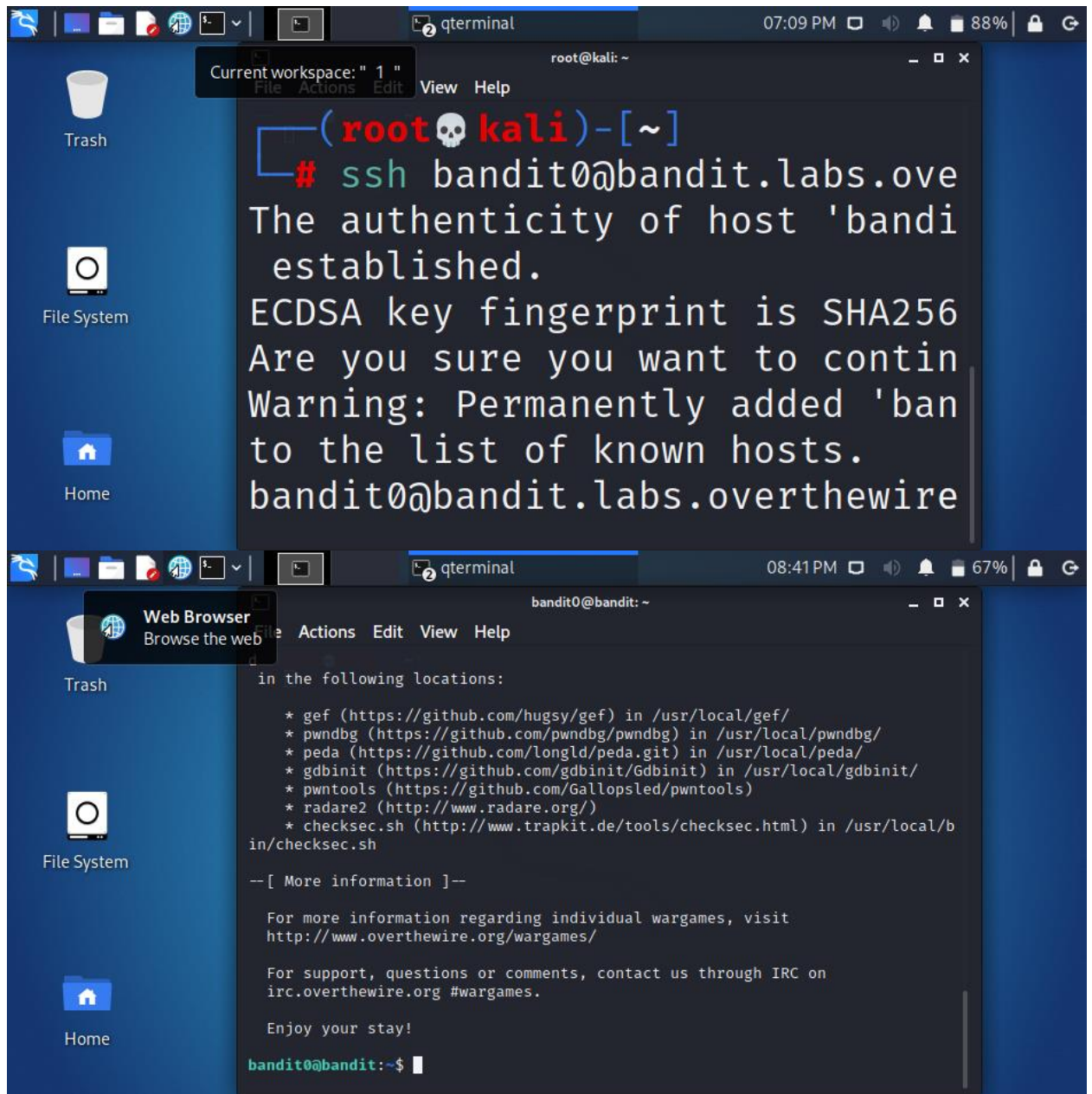
CYBER SECURITY

BANDIT LEVELS:

1. Level -0:

SSH: `ssh bandit0@bandit.labs.overthewire.org`

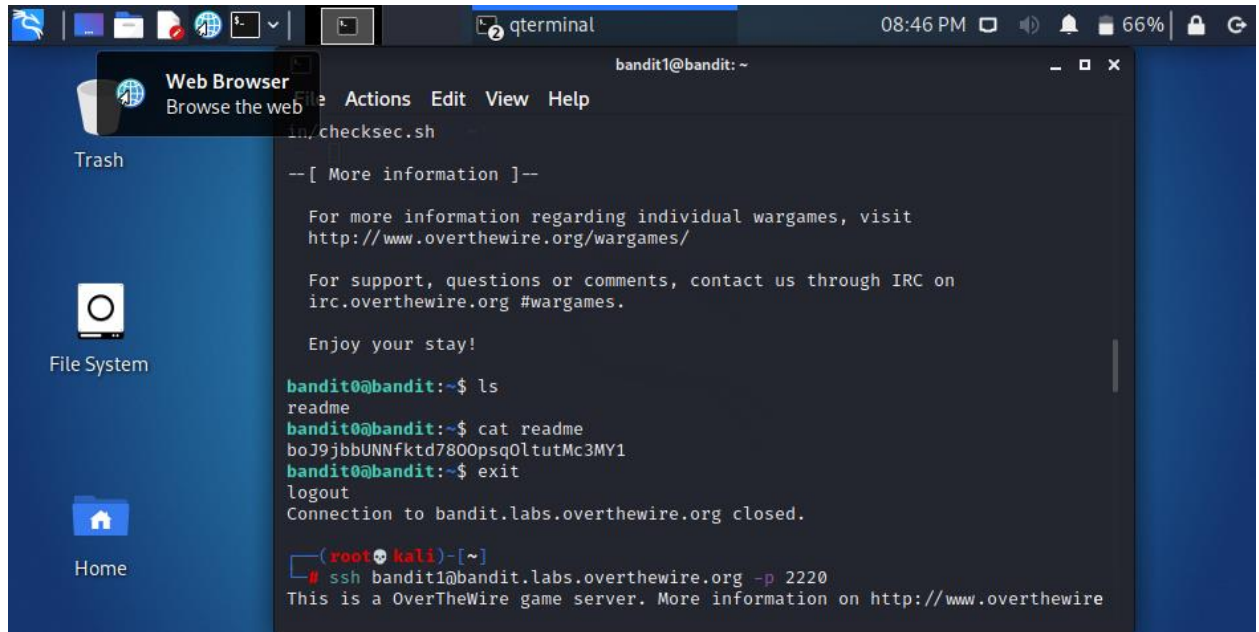
To get to level 0 we need to simply SSH into Bandit with the username: bandit0 and password: bandit0



2. LEVEL-0->1 : LS

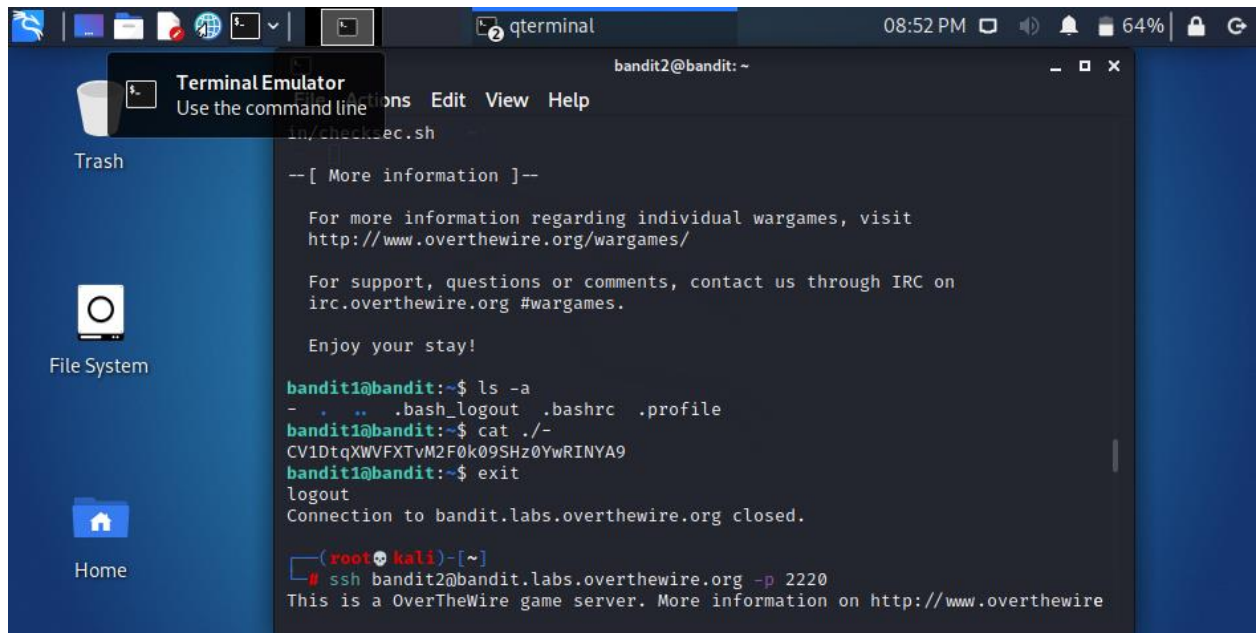
README

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 to log into that level and continue the game.



3. Level 1->2: ls -a

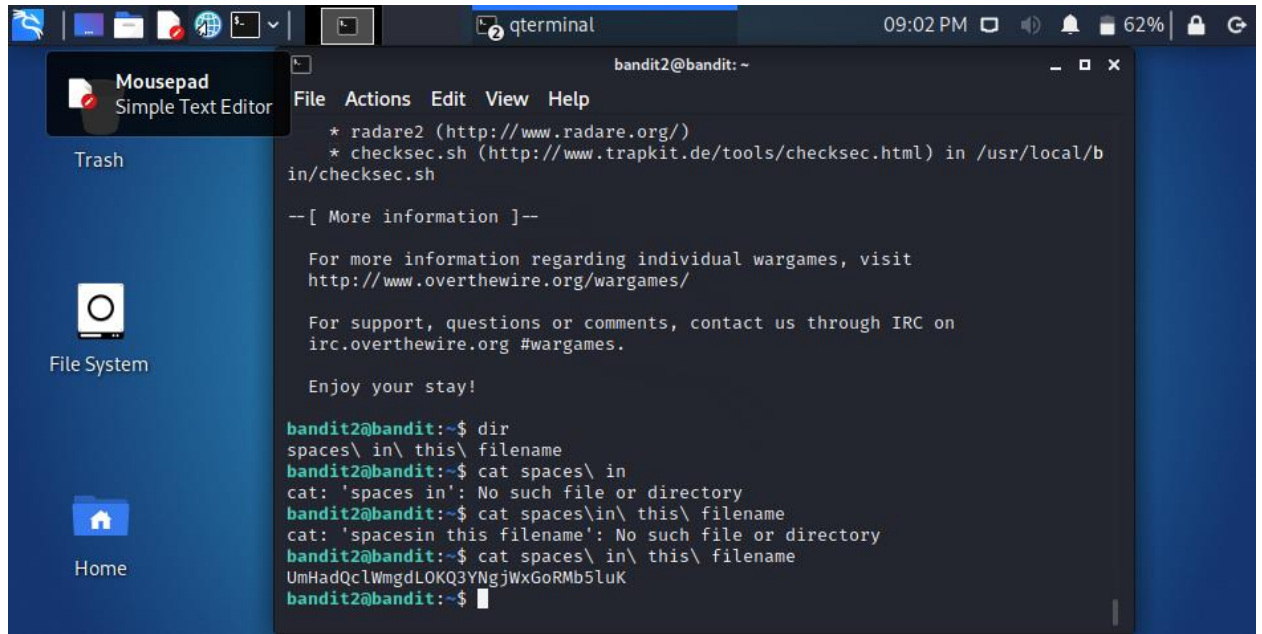
The password for the next level is stored in a file called - located in the home directory.



4. Level 2->3 : dir

cat spaces\ in\ this\ filename

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

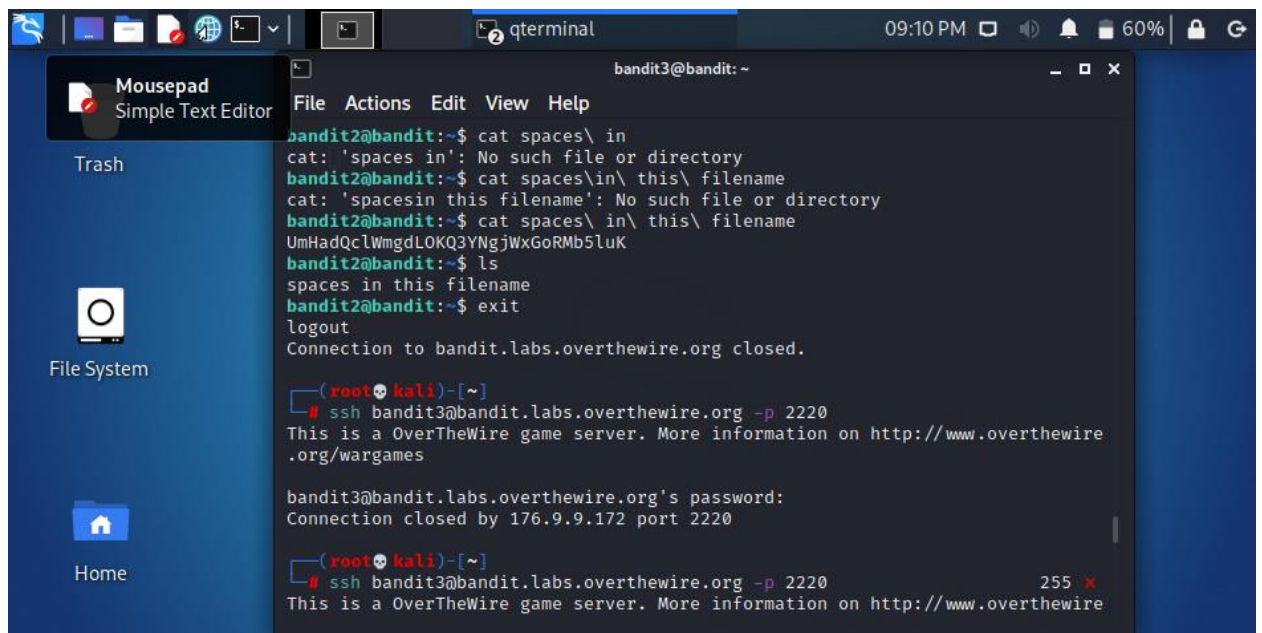


```
bandit2@bandit: ~  
File Actions Edit View Help  
* radare2 (http://www.radare.org/)  
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/b  
in/checksec.sh  
  
--[ More information ]--  
  
For more information regarding individual wargames, visit  
http://www.overthewire.org/wargames/  
  
For support, questions or comments, contact us through IRC on  
irc.overthewire.org #wargames.  
  
Enjoy your stay!  
  
bandit2@bandit:~$ dir  
spaces\ in\ this\ filename  
bandit2@bandit:~$ cat spaces\ in  
cat: 'spaces in': No such file or directory  
bandit2@bandit:~$ cat spaces\in\ this\ filename  
cat: 'spacesin this filename': No such file or directory  
bandit2@bandit:~$ cat spaces\ in\ this\ filename  
UmHadQclWmgdLOKQ3YNgjWxGoRmb5luK  
bandit2@bandit:~$
```

5. **LEVEL 3->4 : ls**

inhere

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



```
bandit3@bandit: ~  
File Actions Edit View Help  
bandit2@bandit:~$ cat spaces\ in  
cat: 'spaces in': No such file or directory  
bandit2@bandit:~$ cat spaces\in\ this\ filename  
cat: 'spacesin this filename': No such file or directory  
bandit2@bandit:~$ cat spaces\ in\ this\ filename  
UmHadQclWmgdLOKQ3YNgjWxGoRmb5luK  
bandit2@bandit:~$ ls  
spaces in this filename  
bandit2@bandit:~$ exit  
logout  
Connection to bandit.labs.overthewire.org closed.  
  
(root@kali)~  
# ssh bandit3@bandit.labs.overthewire.org -p 2220  
This is a OverTheWire game server. More information on http://www.overthewire  
.org/wargames  
  
bandit3@bandit.labs.overthewire.org's password:  
Connection closed by 176.9.9.172 port 2220  
  
(root@kali)~  
# ssh bandit3@bandit.labs.overthewire.org -p 2220 255 x  
This is a OverTheWire game server. More information on http://www.overthewire
```

6. **LEVEL 4->5: ls -a**

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.

```
bandit4@melinda:~$ cd inhere
bandit4@melinda:~/inhere$ ls -a
.-file00 -file02 -file04 -file06 -file08 .
-file01 -file03 -file05 -file07 -file09 ..
bandit4@melinda:~/inhere$ file ./-*
./-file00: data
./-file01: data
./-file02: data
./-file03: data
./-file04: data
./-file05: data
./-file06: data
./-file07: ASCII text
./-file08: data
./-file09: data
bandit4@melinda:~/inhere$ cat ./-file07
k0ReB0KkuTD0enubJuk7izC0RTd0nnAYkh
```

7. LEVEL 5->6: LS

INHERE

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

```
bandit5@melinda:~$ ls
inhere
bandit5@melinda:~$ cd inhere
bandit5@melinda:~/inhere$ ls -a
.          maybehere02 maybehere06 maybehere10 maybehere14 maybehere18
..         maybehere03 maybehere07 maybehere11 maybehere15 maybehere19
maybehere00 maybehere04 maybehere08 maybehere12 maybehere16
maybehere01 maybehere05 maybehere09 maybehere13 maybehere17
bandit5@melinda:~/inhere$ find -type f -size 1033c
./maybehere07/.file2
bandit5@melinda:~/inhere$ cat ./maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

8. LEVEL 6->7: FIND / -USER BANDIT7 -GROUP BANDIT6 -SIZE 32C 2>/DEV/NULL

The password for the next level is stored somewhere on the server and has all of the following properties: - owned by user bandit7 - owned by group bandit6 - 33 bytes in size.


```
bandit6@melinda:~$ find / -user bandit7 -group bandit6 -size 32c 2>/dev/null  
/var/lib/dpkg/info/bandit7.password  
bandit6@melinda:~$ cat /var/lib/dpkg/info/bandit7.password  
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
```

9. **LEVEL 7->8: ls -a**

Awk.txt

The password for the next level is stored in the file data.txt next to the word millionth.

```
bandit7@melinda:~$ ls -a  
. .. .bash_logout .bashrc .profile data.txt  
bandit7@melinda:~$ awk '/^millionth/ {print $2;}' data.txt  
cvX2JJJa4CFAltqS87jk27qwqGhBM9p1V
```

10. **LEVEL 8->9: ls -a**

Cat data.txt | sort | uniq -u

The password for the next level is stored in the file **data.txt** and is the only line of text that occurs only once.

```
bandit8@melinda:~$ ls -a  
. .. .bash_logout .bashrc .profile data.txt  
bandit8@melinda:~$ cat data.txt | sort | uniq -u  
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUHR
```

11. **LEVEL 9->10 : ls -a**

Strings data.txt | grep "="

The password for the next level is stored in the file data.txt in one of the few human-readable strings, beginning with several '=' characters.

```
bandit9@melinda:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile  data.txt
bandit9@melinda:~$ strings data.txt | grep "="
epr~F=K
7?YD=
?M=HqAH
/(Ne=
C=_ "
I===== the6
z5Y=
`h(8= `
n\H=;
===== password
===== ism
N$=&
l/a=L)
f=C(
===== truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
ie)=5e
```