

Bandit Overthewire Assignment fun:

Starting from level 0

```
PS C:\Users\purus> ssh bandit0@bandit.labs.overthewire.org -p 2220
[REDACTED]
This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames
bandit0@bandit.labs.overthewire.org's password:
[REDACTED]
[REDACTED]
www.---ver   ---he   ---"ire.org

Welcome to OverTheWire!
If you find any problems, please report them to the #wargames channel on
discord or IRC.

--[ Playing the games ]--

This machine might hold several wargames.
If you are playing "somegame", then:
* USERNAMES are somegame0, somegame1, ...
* Most LEVELS are stored in /somegame/.
```

The screenshot shows the OverTheWire website with the URL www.overthewire.org/wargames/bandit/bandit1.html. At the top, there are two cartoon cat icons. Below them is a green box labeled "SSH Information" with the host "bandit.labs.overthewire.org" and port "2220". To the right is a large green banner with the text "OverTheWire" and the tagline "InferWithKittens, and we are good-looking. We are the 1%." Below the banner, a green button says "Donate!" and another says "Help?". A green box titled "Bandit" contains the text "Bandit Level 0 → Level 1". To the right of this is a "Level Goal" section with the text: "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." Below this is a "Commands you may need to solve this level" section with the text: "ls, cd, cat, file, du, find".

```
Enjoy your stay!

bandit0@bandit:~$ ls
readme
bandit0@bandit:~$ cat readme
NH2SXQwcBdpmTEzi3bvBHMM9H66vVXjL
bandit0@bandit:~$ |
```

```
--[ More information ]--

For more information regarding individual wargames, visit
http://www.overthewire.org/wargames/

For support, questions or comments, contact us on discord or IRC.

Enjoy your stay!

bandit1@bandit:~$
```

```
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cd inhere/
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ ls -a
. .. .hidden
bandit3@bandit:~/inhere$ cat .hidden .hidden
2EW7BBsr6aMMoJ2HjW067dm8EgX26xNe
```

```
--[ More information ]--
```

```
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```

```
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```

```
Enjoy your stay!
```

```
bandit4@bandit:~$ |
```

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

```
-  
bandit1@bandit:~$ cat < -  
rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi
```

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

```
logout
```

```
Connection to bandit.labs.overthewire.org closed.
```

```
PS C:\Users\purus> ssh bandit2@bandit.labs.overthewire.org -p 2220
```



```
This is an OverTheWire game server.  
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```

```
bandit2@bandit.labs.overthewire.org's password:
```

```
For support, questions or comments, contact us on discord or IRC.
```

```
Enjoy your stay!
```

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

```
spaces in this filename
```

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

```
aBZ0W5EmUfAf7kHT0eOwd8bauFJ2lAiG
```

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

```
bandit4@bandit:~/inhere$ file ./-file00
./-file00: data
bandit4@bandit:~/inhere$ file ./-file*
./-file00: data
./-file01: data
./-file02: data
./-file03: data
./-file04: data
./-file05: data
./-file06: data
./-file07: ASCII text
./-file08: data
./-file09: data
bandit4@bandit:~/inhere$ cat ./--file07
cat: ./--file07: No such file or directory
bandit4@bandit:~/inhere$ cat ./-file07
lrIWWI6bB37kxfiCQZqUd0IYfr6eEeqR
bandit4@bandit:~/inhere$  
logout  
Connection to bandit.labs.overthewire.org closed.  
PS C:\Users\purus> ssh bandit5@bandit.labs.overthewire.org -p 2220
```



This is an OverTheWire game server.
More information on <http://www.overthewire.org/wargames>

bandit5@bandit.labs.overthewire.org's password:

```
--[ More information ]--  
  
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http://www.overthewire.org/wargames/  
  
For support, questions or comments, contact us on discord or IRC.  
  
Enjoy your stay!  
  
bandit6@bandit:~$ |
```

```
find: '/run/cryptsetup': Permission denied
find: '/run/lvm': Permission denied
find: '/run/credentials/systemd-sysusers.service': Permission denied
find: '/run/systemd/propagate': Permission denied
find: '/run/systemd/unit-root': Permission denied
find: '/run/systemd/inaccessible/dir': Permission denied
find: '/run/lock/lvm': Permission denied
bandit6@bandit:~$ find / -size 33c -group bandit6 -user bandit7 < t1.txt
-bash: t1.txt: No such file or directory
bandit6@bandit:~$ find / -size 33c -group bandit6 -user bandit7 > t1.txt
-bash: t1.txt: Permission denied
bandit6@bandit:~$ find / -size 33c -group bandit6 -user bandit7 2> t1.txt
-bash: t1.txt: Permission denied
bandit6@bandit:~$ find / -size 33c -group bandit6 -user bandit7 2>/dev/null
/var/lib/dpkg/info/bandit7.password
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
z7Wt0NQU2XfjmMtWA8u5rN4vzqu4v99S
bandit6@bandit:~$
logout
Connection to bandit.labs.overthewire.org closed.
PS C:\Users\purus> ssh bandit7@bandit.labs.overthewire.org -p 2220
```

```
coarsen yeqrccspamin34tZKwmijGooes00ZpvETR
methanol      q0uEpjSocMpF4TaHo78t8E2Bsc1uT0cK
Formica       m00dVnMSPCo9WdHItXLHMeD0w6SqbMvF
dankness's    Y0dD93vvBemBnw7xH0XNKUwPkEfpe7H7
threaten      p0aRPotuhqaf7d9lM0chKcHSM5xQ23qU
monastic     HmNt0zjzjVBHmoKRMH2CMArrixJtnt5X3
flank's       234YYMFvjRGfWFZeVlijZAoSaDJSZR3m
demarcates   42GyLcNN2VyYVQAzLk6lH1KoPF7gU60v
biceps's     InBCsYpHT8o1atjygiRFnVE2ExoyirYv
bandit7@bandit:~$ cat data.txt | grep millionth
millionth     TESKZC0XvTetK0S9xNwm25STk5iWrBvP
bandit7@bandit:~$
logout
Connection to bandit.labs.overthewire.org closed.
PS C:\Users\purus> ssh bandit8@bandit.labs.overthewire.org -p 2220
```



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```
bandit8@bandit.labs.overthewire.org's password: |
```

```
pVukrvfmtzHjUQkr4j8N4ri6lWOMBDYj
b0XUx8jfeWYAUGlOGGAyVRxdNziM4SF
mTYRseor14aRwbazgTmVVgM4mD0kZJJ4
euIPhAiMI8n0DxPCbaAhJ9RTB03fx4UE
eJZcdtHKg9jLpvpk9v31Fj1opqlA1A9k
Dml3j9ydZQj13Q6xVRPHVuMhD9pt0NbT
qtUQnuIjoLTNwviHPE6yULyPEVUuag5K
bandit8@bandit:~$ 
bandit8@bandit:~$ sort data.txt | uniq -u
EN632PlfYiZbn3PhVK3XOGSLNInNE00t
bandit8@bandit:~$ 
logout
Connection to bandit.labs.overthewire.org closed.
PS C:\Users\purus> ssh bandit9@bandit.labs.overthewire.org -p 2220
```



```
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```

Lvl 9-10

```
bandit9@bandit:~$ strings data.txt | grep "===="
x]T===== theG)"
===== passwordk^
===== is
===== G7w8LIi6J3kTb8A7j9LgrywtEUlyyp6s
bandit9@bandit:~$ 
logout
Connection to bandit.labs.overthewire.org closed.
PS C:\Users\purus> ssh bandit10@bandit.labs.overthewire.org -p 2220
```



```
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```

```
bandit10@bandit.labs.overthewire.org's password: |
```

Level 10-11

```
* pwntools (https://github.com/Gallopsled/pwntools)
* radare2 (http://www.radare.org/)

--[ More information ]--

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Enjoy your stay!

bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIDZ6UGV6aUxkJSS05kTllGTmI2blZDS3pwaGxYSEJNCg==
bandit10@bandit:~$ base64 -d data.txt
The password is 6zPeziLdR2RKNdNYFNb6nVCKzphlXHBM
bandit10@bandit:~$ 
bandit10@bandit:~$ 
logout
Connection to bandit.labs.overthewire.org closed.
PS C:\Users\purus> ssh bandit11@bandit.labs.overthewire.org -p 2220
[ !-- \ -- - - \ -- / -- | ( ) | - |
```