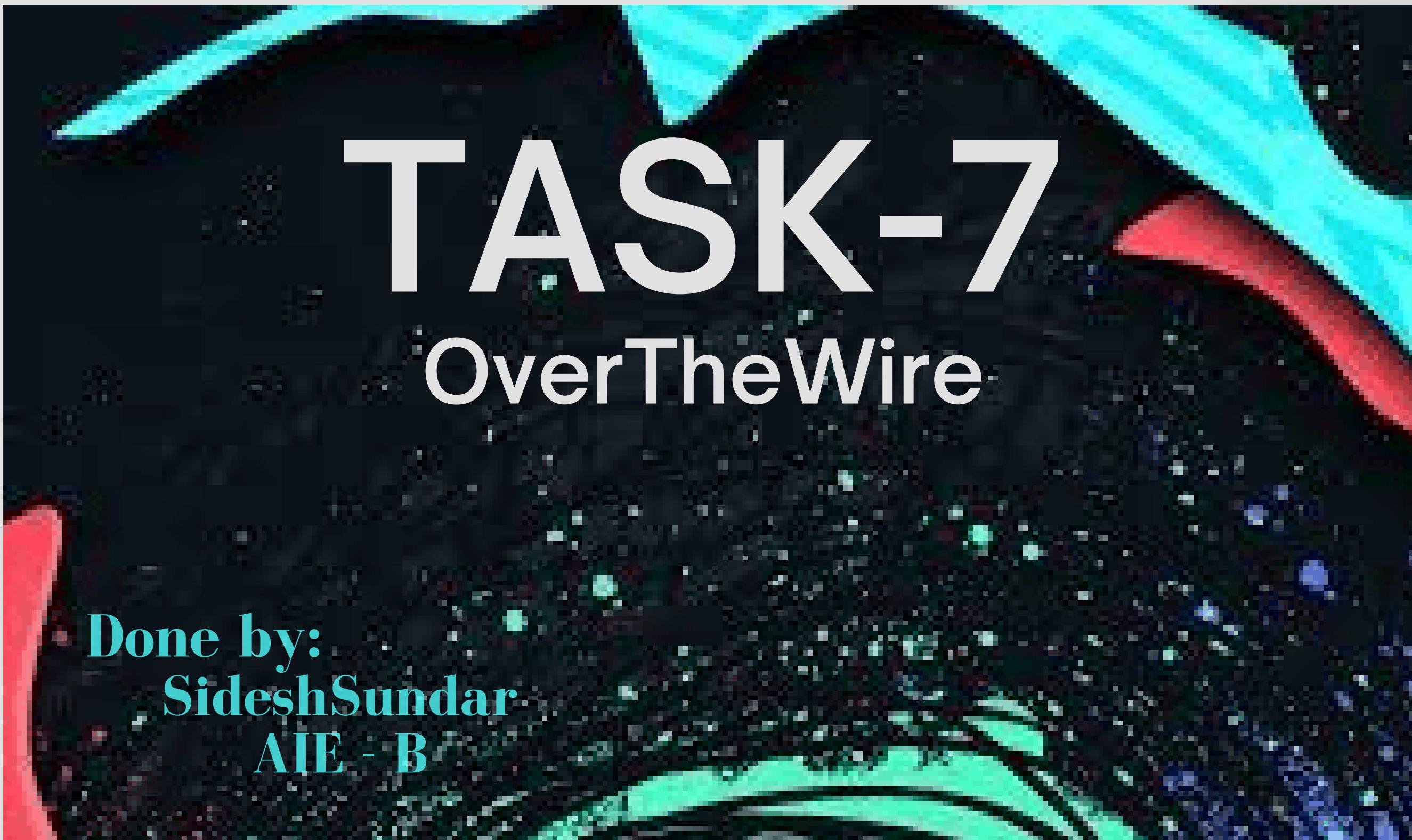


06 March, 2022

Cogniazance





```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit0@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit0@bandit.labs.overthewire.org's password: 
```

```
bandit0@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root      root      4896 May  7  2020  .
4 drwxr-xr-x 41 root      root      4896 May  7  2020  ..
4 -rw-r--r--  1 root      root      220 May 15  2017 .bash_logout
4 -rw-r--r--  1 root      root     3526 May 15  2017 .bashrc
4 -rw-r--r--  1 root      root      675 May 15  2017 .profile
4 -rw-r----- 1 banditi  bandito    33 May  7  2020 readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktd780OpsqOltutMc3MY1
bandit0@bandit:~$ 
```

The password is :

**boJ9jbbUNNfktd780OpsqOltutMc3MY1**



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit1@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit1@bandit.labs.overthewire.org's password:
```

```
bandit1@bandit:~$ ls -alps
total 24
4 -rw-r----- 1 bandit2 banditi 33 May  7 2020 -
4 drwxr-xr-x  2 root    root   4896 May  7 2020 ./
4 drwxr-xr-x 41 root    root   4896 May  7 2020 ../
4 -rw-r--r--  1 root    root   220 May 15 2017 .bash_logout
4 -rw-r--r--  1 root    root  3526 May 15 2017 .bashrc
4 -rw-r--r--  1 root    root   675 May 15 2017 .profile
bandit1@bandit:~$ cat ./
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$ 
```

The password is :

**CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9**



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit2@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit2@bandit.labs.overthewire.org's password:
```

```
bandit2@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root      root      4096 May  7  2020  .
4 drwxr-xr-x 41 root      root      4096 May  7  2020  ..
4 -rw-r--r--  1 root      root      220 May 15 2017 .bash_logout
4 -rw-r--r--  1 root      root     3526 May 15 2017 .bashrc
4 -rw-r--r--  1 root      root      675 May 15 2017 .profile
4 -rw-r-----  1 bandit3 bandit2  33 May  7  2020 spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
mHadQclWmgdLOKQ3YNgjWxGoRMbSluK
bandit2@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

The password is :

**mHadQclWmgdLOKQ3YNgjWxGoRMbSluK**



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ 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:
```

```
bandit3@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  3 root root 4096 May  7  2020 .
4 drwxr-xr-x 41 root root 4096 May  7  2020 ../
4 -rw-r--r--  1 root root  220 May 15 2017 .bash_logout
4 -rw-r--r--  1 root root 3526 May 15 2017 .bashrc
4 drwxr-xr-x  2 root root 4096 May  7  2020 inhere/
4 -rw-r--r--  1 root root  675 May 15 2017 .profile
bandit3@bandit:~$ cd inhere/
bandit3@bandit:~/inhere$ ls -al
total 12
drwxr-xr-x  2 root    root    4096 May  7  2020 .
drwxr-xr-x  3 root    root    4096 May  7  2020 ..
-rw-r-----  1 bandit4 bandit3   33 May  7  2020 .hidden
bandit3@bandit:~/inhere$ cat .hidden
plwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$
```

The password is :

**plwrPrtPN36QITSp3EQaw936yaFoFgAB**



## Level - 4 > Level - 5



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit5@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit5@bandit.labs.overthewire.org's password:
```

```
bandit4@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  3 root root 4096 May  7  2020  .
4 drwxr-xr-x 41 root root 4096 May  7  2020  ..
4 -rw-r--r--  1 root root  220 May 15 2017 .bash_logout
4 -rw-r--r--  1 root root 3526 May 15 2017 .bashrc
4 drwxr-xr-x  2 root root 4096 May  7  2020 inhere/
4 -rw-r--r--  1 root root  675 May 15 2017 .profile
bandit4@bandit:~$ cd inhere/
bandit4@bandit:~/inhere$ ls -al
total 48
drwxr-xr-x  2 root      root      4096 May  7  2020 .
drwxr-xr-x  3 root      root      4096 May  7  2020 ..
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file00
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file01
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file02
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file03
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file04
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file05
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file06
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file07
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file08
-rw-r-----  1 bandit5  bandit4    33 May  7  2020 -file09
```



```
bandit4@bandit:~/lhere$ find . -type f | xargs file
./file01: data
./file00: data
./file06: data
./file03: data
./file05: data
./file08: data
./file04: data
./file07: ASCII text
./file02: data
./file09: data
bandit4@bandit:~/lhere$ cat ./file07
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
```

The password is :

koReBOKuIDDepwhWk7jZC0RTdopnAYKh



## Level - 5 → Level - 6



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit5@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit5@bandit.labs.overthewire.org's password:
```

```
bandit5@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  3 root root    4096 May  7  2020 .
4 drwxr-xr-x 41 root root    4096 May  7  2020 ..
4 -rw-r--r--  i root root     220 May 15 2017 .bash_logout
4 -rw-r--r--  i root root   3526 May 15 2017 .bashrc
4 drwxr-x--- 22 root bandit5 4096 May  7  2020 inhere/
4 -rw-r--r--  i root root     675 May 15 2017 .profile
```

```
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ ls
maybehere00 maybehere02 maybehere04 maybehere06 maybehere08 maybehere10 maybehere12 maybehere14 maybehere16 maybehere18
maybehere01 maybehere03 maybehere05 maybehere07 maybehere09 maybehere11 maybehere13 maybehere15 maybehere17 maybehere19
```



```
bandit5@bandit:~/lhere$ find . -type f -size 1033c ! -executable  
./maybehere07/.file2
```

```
bandit5@bandit:~/lhere$ cat ./maybehere07/.file2  
DXjZPULLxYr17uw0I01bNLQbtFemEgo7
```

The password is :

**DXjZPULLxYr17uw0I01bNLQbtFemEgo7**



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit6@bandit.labs.overthewire.org -p 2226
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit6@bandit.labs.overthewire.org's password:
```

```
bandit6@bandit:~$ ls -alps
total 20
4 drwxr-xr-x  2 root root 4096 May  7 2020 .
4 drwxr-xr-x 41 root root 4096 May  7 2020 ..
4 -rw-r--r--  i root root  220 May 15 2017 .bash_logout
4 -rw-r--r--  i root root 3526 May 15 2017 .bashrc
4 -rW-r--r--  i root root  675 May 15 2017 .profile
```



## Level - 6 → Level - 7



```
bandit6@bandit:~$ find / -type f -user bandit7 -group bandit6 -size 33c
find: '/root': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/bandit31-git': Permission denied
find: '/lost+found': Permission denied
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/lvm/archive': Permission denied
find: '/etc/lvm/backup': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/15858/task/15858/fdinfo/6': No such file or directory
find: '/proc/15858/fdinfo/5': No such file or directory
find: '/cgroup2/csessions': Permission denied
find: '/boot/lost+found': Permission denied
find: '/tmp': Permission denied
find: '/run/lvm': Permission denied
find: '/run/screen/S-bandit1': Permission denied
find: '/run/screen/S-bandit10': Permission denied
find: '/run/screen/S-bandit29': Permission denied
find: '/run/screen/S-bandit25': Permission denied
find: '/run/screen/S-bandit30': Permission denied
find: '/run/screen/S-bandit9': Permission denied
find: '/run/screen/S-bandit28': Permission denied
find: '/run/screen/S-bandit18': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/screen/S-bandit12': Permission denied
find: '/run/screen/S-bandit5': Permission denied
find: '/run/screen/S-bandit7': Permission denied
find: '/run/screen/S-bandit11': Permission denied
```



```
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit23': Permission denied
find: '/run/shm': Permission denied
find: '/run/lock/lvm': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/tmp': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/polkit-1': Permission denied
/var/lib/dpkg/info/bandit7.password
find: '/var/log': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
```

The password is :

**HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs**



## Level - 7 -> Level - 8



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit7@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit7@bandit.labs.overthewire.org's password:
```

```
bandit7@bandit:~$ ls -alps
total 4108
  4 drwxr-xr-x  2 root      root      4096 May  7  2020 .
  4 drwxr-xr-x 41 root      root      4096 May  7  2020 ..
  4 -rw-r--r--  1 root      root      220 May 15 2017 .bash_logout
  4 -rw-r--r--  1 root      root      3526 May 15 2017 .bashrc
4088 -rw-r----- 1 bandit8 bandit7 4184396 May  7  2020 data.txt
  4 -rw-r--r--  1 root      root      675 May 15 2017 .profile
bandit7@bandit:~$ cat data.txt
```

```
plan    PLz4ZXwX02fEe4oMd1I78wQXl4MIMxTf
confrontation  KlHScgMgzyBQYxBXkxsjKcQ2ASerDIjL
briquet's     aHcSixHjt3ANF7jh26dd7mHN8fd8vKz
encapsulate   STOVYQEMHtFz54JtjJRhDXgZcfVw8lS
wildfowls     PqcMofjmKj8NBv09exdu7FY2NG6WUMzb
Finland      xgXsIYgqUCHriMoT7W2dSwTG1DCvbRvU
bandit7@bandit:~$ whatis strings
strings (1)      - print the strings of printable characters in files.
```



## Level - 7 -> Level - 8



```
encapsulate      STOVYQEMHtFzS4JtjJRrhDXgZcfVw8lS
wildfowls        PqcHofjmKj8NBv09exdu7FY2NG6WUHZb
Finland          xgXsIYgqUCHriHoT7W2dSwTG10CvbRvU
bandit7@bandit:~$ whatis strings
strings (1)       - print the strings of printable characters in files.
bandit7@bandit:~$ strings data.txt
```

```
confrontation   K1HScgMgzyBQYxBXkxsjkCQ2ASerDIjL
briquet's       aHc51xHj1t3ANF7jH26dd7mHWBfd8VKz
encapsulate     STOVYQEMHtFzS4JtjJRrhDXgZcfVw8lS
wildfowls        PqcHofjmKj8NBv09exdu7FY2NG6WUHZb
Finland          xgXsIYgqUCHriHoT7W2dSwTG10CvbRvU
bandit7@bandit:~$ strings data.txt | grep "millionth"
millionth        cvX2JJa4CFALtqS87jk27qwqGhBM9pIV
```

The password is :

cvX2JJa4CFALtqS87jk27qwqGhBM9pIV



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit8@bandit.labs.overthewire.org -p 2228
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit8@bandit.labs.overthewire.org's password:
```

```
bandit8@bandit:~$ ls -alps
total 56
 4 drwxr-xr-x  2 root      root      4096 May  7  2020  .
 4 drwxr-xr-x 41 root      root      4096 May  7  2020  ..
 4 -rw-r--r--  1 root      root       220 May 15  2017 .bash_logout
 4 -rw-r--r--  1 root      root      3526 May 15  2017 .bashrc
36 -rw-r----- 1 bandit9  bandit8  33033 May  7  2020 data.txt
 4 -rw-r--r--  1 root      root      675 May 15  2017 .profile
```



## Level - 8 -> Level - 9



```
bandit8@bandit:~$ cat data.txt
qAHMA00quC3yHnfJI4zvPHzCBdfHQ8wa
f0tri5KLHSeiTUBzQ0qHvXTsr1iekqnU
PSdVQ5eUUBPRZD58WNP00XLKxSgU3RxX
K9D1CLsVCdkodgvJJIt1oHIaioY1h8hg
BccauS9LeEBNUz4HVLXUwE8M1LWisPlG
WBqr9xvf6nYTTSkLcTGCG6jb3ex94xWr
twE0KTeKQBPNlhqvjUnpu52YzeI08Pqb
qAHMA00quC3yHnfJI4zvPHzCBdfHQ8wa
0N65ZPpNGkJJePzFxctCRZRXVrCbUGfm
cR6riSHC0ST7ALZ2t1e47r3gc0QxShGo
TKUTQbeYnEzzYIne7B1noBx2bHFLBXzG
8NTHZnHzCABHswoJ5CU70jg8nP3eKpsA
SzmgS2ADSjP6yp0zp2b1vdqNyusRtrHj
5AdqWjoJOEdx5tJmZVBMo0K2e4arD3ZW
gqyF9CH3NNIiGH27ATHVNPqp3l1fxTMY
flyKxCbH88uLTaIB5LXqQNujj3yj00eh
w4zUWFGTUrAAh81NkS8qH3WK2zowBEKA
```

```
bandit8@bandit:~$ sort data.txt
yo0HbSe2GM0jJNhRQLxwoPp7ayYEmRKY
yo0HbSe2GM0jJNhRQLxwoPp7ayYEmRKY
yo0HbSe2GM0jJNhRQLxwoPp7ayYEmRKY
ySvsTwlMgnUF0n86Fgnn2TNjkS0lrv72
Z90C6DQpppreChPhwRJJV9YYTtrxNVc0
Z90C6DQpppreChPhwRJJV9YYTtrxNVc0
Z90C6DQpppreChPhwRJJV9YYTtrxNVc0
Z90C6DQpppreChPhwRJJV9YYTtrxNVc0
Z90C6DQpppreChPhwRJJV9YYTtrxNVc0
Z90C6DQpppreChPhwRJJV9YYTtrxNVc0
```



```
bandit8@bandit:~$ sort data.txt | uniq -c  
10 PsdVQSeUUUBPRZD58WWP00XLKxSgU3Rxx  
10 ptb5Zw8TcgD3U6g0GCCN31xCDGloQSEa  
10 qawHA00quC3yHnfJI4zvPWzCBdfHQ8wa  
10 RHtSPoAvF7WhgIc0dsQR2r6Zx8DNSSUH  
10 s1603Q2r4RPKqyoABCspIRk0VdgEmFC3  
10 SA05uHHVCao2rzSBYRqUXh19SvnDpu0l  
10 SHHAMUEzQe4mV7SJpETTZFsyNRJjsZE2k  
10 st952kS1y6pt4AFenmm8oIp8n7W5d3bd  
10 sYSokIATVvFUKU4sAHTtMarfjlZWHj5t  
10 SzwgS2ADSjP6yp0zp2bIvdqNyusRtrHj  
10 TKUTqbeYnEzzYIne7B1noBx2bHFLBXzG  
10 TThRArdF2ZEXHO47TIYkyPPLtvzzLcDf  
10 tvH9tY1Hl0uHPK4usZnNBoZXbjRt2ATY  
10 U0NYdd3wHZKpfEg9qGQ0LJ1mAJy6qxhs  
10 UASH6CQwD6MRzftu6FAfyXBK0cVvnBLP  
10 UJtCNvDNfgb3fccj8PjjjnAXHqUM63Uyj  
10 UjsVbcqKeJqdcZ0CDHkzv6A9X7hLBNE4  
1 UsVVyFSfZZWbi6wgC7dAFyFuR6jQQUhR  
10 UVnZvhLVQEczaz5jl8U14sMVZQhjuXta
```

**Here the password is repeated only once so we can easily sort them and find it using sort data.txt | uniq - c is used to show the number of times a particular data is repeated.**

**The password is :**

**UsVVyFSfZZWbi6wgC7dAFyFuR6jQQUhR**



```
stidesh06@stidesh06-VirtualBox:~/Desktop$ ssh bandit9@bandit.labs.overthewire.org -p 2228
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit9@bandit.labs.overthewire.org's password:
```

```
bandit9@bandit:~$ ls -alps
total 48
4 drwxr-xr-x  2 root      root      4096 May  7  2020 .
4 drwxr-xr-x 41 root      root      4096 May  7  2020 ..
4 -rw-r--r--  1 root      root      220 May 15 2017 .bash_logout
4 -rw-r--r--  1 root      root     3526 May 15 2017 .bashrc
20 -rw-r----- 1 bandit10 bandit9 19379 May  7  2020 data.txt
4 -rw-r--r--  1 root      root      675 May 15 2017 .profile
```

```
bandit9@bandit:~$ strings data.txt | grep "="
===== the*2i"4
=:G e
=====
password
<I=zsGi
Z)=====
is
A=|t8E
Zdb=
c^ LAh=3G
*SF=$
&===== truKLdjsbj5g7yyJ2X2R0o3a5HQJFuLk
S=A.H&^
```

The password is :

**truKLdjsbj5g7yyJ2X2R0o3a5HQJFuLk**



```
sidesh06@sidesh06-VirtualBox:~/Desktop$ ssh bandit10@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit10@bandit.labs.overthewire.org's password:
```

```
bandit10@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root      root      4096 May  7 2020  .
4 drwxr-xr-x 41 root      root      4096 May  7 2020  ..
4 -rwxr--r--  1 root      root      220 May 15 2017 .bash_logout
4 -rwxr--r--  1 root      root     3526 May 15 2017 .bashrc
4 -rwxr----- 1 bandit11 bandit10   69 May  7 2020 data.txt
4 -rwxr--r--  1 root      root      675 May 15 2017 .profile
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0LSRnFyeEUxaHhUTkVtVVBSGg==
bandit10@bandit:~$ base64 -d data.txt
The password is IfukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
```

The password is :

IfukwKGsFW8MOq3IRFqrxE1hxTNEbUPR



```
sideshoe@ideshoe6-VirtualBox:~/Desktop$ ssh bandit11@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit11@bandit.labs.overthewire.org's password:
```

```
bandit11@bandit:~$ ls -alps
-bash: ls-alps: command not found
bandit11@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root      root      4096 May  7  2020  /
4 drwxr-xr-x 41 root      root      4096 May  7  2020  ../
4 -rw-r--r--  1 root      root      220 May 15 2017 .bash_logout
4 -rw-r--r--  1 root      root     3526 May 15 2017 .bashrc
4 -rw-r----- 1 bandit12 bandit11   49 May  7  2020 data.txt
4 -rw-r--r--  1 root      root      675 May 15 2017 .profile
4 -rwxr--r--  1 root      root      1024 May 15 2017 .zshrc
```



```
bandit11@bandit:~$ cat data.txt  
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH
```

The screenshot shows a challenge interface forROT13. On the left, under "Recipe", the "ROT13" option is selected. Under "Amount", the value "13" is entered. Two checkboxes are checked: "Rotate lower case chars" and "Rotate upper case chars". The "Rotate numbers" checkbox is unchecked. On the right, the "Input" section shows the text "Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH". Above the input, metadata is displayed: start: 16, end: 48, length: 32, lines: 1. Below the input, the "Output" section shows the decrypted text: "The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu". Above the output, metadata is displayed: start: 16, time: 35, end: 48, length: 32, lines: 1.

**ROT13 is a simple Caesar cipher used for obscuring text by replacing each letter with the letter thirteen places down the alphabet.**

The password is :

5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu



```
sidesh06@sidesh06-VirtualBox:~$ ssh bandit12@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit12@bandit.labs.overthewire.org's password:
```

```
bandit12@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root      root      4096 May  7  2020 .
4 drwxr-xr-x 41 root      root      4096 May  7  2020 ..
4 -rw-r--r--  1 root      root      220 May 15  2017 .bash_logout
4 -rw-r--r--  1 root      root     3526 May 15  2017 .bashrc
4 -rw-r----- 1 bandit13 bandit12 2582 May  7  2020 data.txt
4 -rw-r--r--  1 root      root      675 May 15  2017 .profile
```



```
bandit12@bandit:~$ cat data.txt
000000a0: 0000 69a1 a1a0 1ea0 194d 340d 1ea1 b280 ..i.....H4.....
000000b0: f500 3406 2340 034d 3400 0000 3403 d400 ..4.#0.H4...4...
000000c0: 1a07 a832 3400 f51a 0003 43d4 0068 0d34 ...24....C..h.4
000000d0: 6868 f51a 3d43 2580 3e58 0610 2c89 6bf3 hh..=CX.>X...,k.
000000e0: 0163 08ab dc31 91cd 1747 599b e401 0b06 .c...1...GY.....
000000f0: a8b1 7255 a3b2 9cf9 75cc f106 941b 347a ..rU....U....4Z
00000100: d616 55cc 2ef2 9d46 e7d1 3050 b5fb 76eb ..U....F..0P..v.
00000110: 01f8 60c1 2201 33f0 0de0 4aa6 ec8c 914f ...'.3...J....0
00000120: cf8a aed5 7b52 4270 8d51 6978 c159 8b5a ....(RBp.Qtx.Y.Z
00000130: 2164 fb1f c26a 8d28 b414 e690 bfdd b3e1 Id...j.(.....
00000140: f414 2f9e d041 c523 b641 ac08 0c0b 06f5 ..//.A.#.A.....
00000150: dd64 b862 1158 3f9e 897a 8cae 32b0 1fb7 .d.b.X?..z..2...
00000160: 3c82 af41 20fd 6e7d 0a35 2833 41bd de0c <..A ..n}.5(3A...
00000170: 774f ae52 a1ac 0fb2 8c36 ef58 537b f30a w0.R....6.XS{..
00000180: 1510 cab5 cb51 4231 95a4 d045 b95c ea09 ....Q81...E.\..
00000190: 9fa0 4d33 ba43 22c9 b5be d0ea eeb7 ec85 ..M3.C".....
000001a0: 59fc 8bf1 97a0 87a5 0df0 7acd d555 fc11 Y.....z..U..
000001b0: 223f fdc6 2be3 e809 c974 271a 920e acbc "?..+....t'....
000001c0: 0de1 f1a6 393f 4cf5 50eb 7942 86c3 3d7a ....9?L.P.yB..=z
000001d0: fe6d 173f a84c bb4e 742a fc37 7b71 508a .m.?..L.Nt*.7{qP.
000001e0: a2cc 9cf1 2522 8a77 39f2 716d 34f9 8620 ....%"..w9.qm4..
000001f0: 4e33 ca36 eec0 cd4b b3e8 48e4 8b91 5bea N3.6...K..H...[.
00000200: 01bf 7d21 0b64 82c0 3341 3424 e98b 4d7e ..}!.d..3A4$..H-
00000210: c95c ibif cac9 a04a 1988 43b2 6b55 c6a6 .\....J..C.kU..
00000220: 075c 1eb4 8ecf 5cdf 4653 064e 84da 263d .\....\..FS.N..8=
00000230: b15b bcea 7109 5c29 c524 3afc d715 4894 .[..q.\).S:...H.
00000240: 7426 072f fc28 ab05 9603 b3fc 5dc9 14e1 t8./.(....]...
00000250: 4242 393c 7320 98f7 081d 3d02 0000 B89<s ..h.=...
```



## Level - 12 -> Level - 13



```
bandit12@bandit:~$ mkdir /tmp/task-7
bandit12@bandit:~$ cp data.txt /tmp/task-7
bandit12@bandit:~$ cd /tmp/task-7
bandit12@bandit:/tmp/task-7$ ls
data.txt
bandit12@bandit:/tmp/task-7$ xxd -r data.txt > data
bandit12@bandit:/tmp/task-7$ ls
data data.txt
bandit12@bandit:/tmp/task-7$ file data
data: gzip compressed data, was "data2.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/task-7$ mv data pass.gz
bandit12@bandit:/tmp/task-7$ ls
data.txt  pass.gz
bandit12@bandit:/tmp/task-7$ gzip -d pass.gz
bandit12@bandit:/tmp/task-7$ ls
data.txt  pass
bandit12@bandit:/tmp/task-7$ file pass
pass: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/task-7$ mv pass pass.bz2
bandit12@bandit:/tmp/task-7$ ls
data.txt  pass.bz2
```



## Level - 12 -> Level - 13



```
bandit12@bandit:/tmp/task-7$ file pass
pass: gzip compressed data, was "data4.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/task-7$ mv pass pass1.gz
bandit12@bandit:/tmp/task-7$ ls
data.txt  pass1.gz
bandit12@bandit:/tmp/task-7$ gzip -d pass1.gz
bandit12@bandit:/tmp/task-7$ ls
data.txt  pass1
bandit12@bandit:/tmp/task-7$ file pass1
pass1: POSIX tar archive (GNU)
bandit12@bandit:/tmp/task-7$ mv pass1 pass.tar
bandit12@bandit:/tmp/task-7$ ls
data.txt  pass.tar
bandit12@bandit:/tmp/task-7$ tar xf pass.tar
bandit12@bandit:/tmp/task-7$ ls
data5.bin  data.txt  pass.tar
bandit12@bandit:/tmp/task-7$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/task-7$ rm pass.tar
bandit12@bandit:/tmp/task-7$ ls
data5.bin  data.txt
bandit12@bandit:/tmp/task-7$ rm data.txt
bandit12@bandit:/tmp/task-7$ ls
data5.bin
bandit12@bandit:/tmp/task-7$ mv data5.bin data.tar
bandit12@bandit:/tmp/task-7$ ls
data.tar
```



```
bandit12@bandit:/tmp/task-7$ tar xf data.tar
bandit12@bandit:/tmp/task-7$ ls
data6.bin  data.tar
bandit12@bandit:/tmp/task-7$ rm data.tar
bandit12@bandit:/tmp/task-7$ ls
data6.bin
bandit12@bandit:/tmp/task-7$ file data6.bin
data6.bin: bzip2 compressed data, block size = 980k
bandit12@bandit:/tmp/task-7$ mv data6.bin data6.bz
bandit12@bandit:/tmp/task-7$ ls
data6.bz
bandit12@bandit:/tmp/task-7$ bzip2 -d data6.bz
bandit12@bandit:/tmp/task-7$ ls
data6
bandit12@bandit:/tmp/task-7$ file data6
data6: POSIX tar archive (GNU)
bandit12@bandit:/tmp/task-7$ mv data6 data6.tar
bandit12@bandit:/tmp/task-7$ ls
data6.tar
bandit12@bandit:/tmp/task-7$ tar xf data6.tar
bandit12@bandit:/tmp/task-7$ ls
data6.tar  data8.bin
bandit12@bandit:/tmp/task-7$ rm data6.tar
bandit12@bandit:/tmp/task-7$ file data8.bin
data8.bin: gzip compressed data, was "data9.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
```



```
bandit12@bandit:/tmp/task-7$ mv data8.bin data8.gz
bandit12@bandit:/tmp/task-7$ ls
data8.gz
bandit12@bandit:/tmp/task-7$ gzip -d data8.gz
bandit12@bandit:/tmp/task-7$ ls
data8
bandit12@bandit:/tmp/task-7$ file data8
data8: ASCII text
bandit12@bandit:/tmp/task-7$ cat data8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
```

The password is :

8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL



```
stidesh06@stidesh06-VirtualBox:~$ ssh bandit13@bandit.labs.overthewire.org -p 2228
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit13@bandit.labs.overthewire.org's password:
```

```
bandit13@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root      root      4096 May  7  2020 .
4 drwxr-xr-x 41 root      root      4096 May  7  2020 ..
4 -rw-r--r--  1 root      root      220 May 15  2017 .bash_logout
4 -rw-r--r--  1 root      root     3526 May 15  2017 .bashrc
4 -rw-r--r--  1 root      root      675 May 15  2017 .profile
4 -rw-r-----  1 bandit14 bandit13 1679 May  7  2020 sshkey.private
bandit13@bandit:~$ ls
sshkey.private
```



```
bandit13@bandit:~$ ssh -i sshkey.private bandit14@localhost
Could not create directory '/home/bandit13/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL6ZWr85496EtCRkk1o20X30PnyPSB5tBSRPbhczc.
Are you sure you want to continue connecting (yes/no)? 
```

For support, questions or comments, contact us through IRC on [#wargames](irc://irc.overthewire.org).

Enjoy your stay!

```
bandit14@bandit:~$ ls
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLSh1DzztnTBHiqxU3b3e
```

The password is :

4wcYUJFw0k0XLSh1DzztnTBHiqxU3b3e



```
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wCYUJFw0k0XLSh1DzztnTBHtqxU3b3e
bandit14@bandit:~$ nc localhost 30000
4wCYUJFw0k0XLSh1DzztnTBHtqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
```

The password is :

**BfMYroe26WYalil77FoDi9qh59eK5xNr**



```
bandit15@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root      root      4096 May 14  2020 .
4 drwxr-xr-x 41 root      root      4096 May   7  2020 ..
4 -rw-r-----  1 bandit15 bandit15    33 May 14  2020 .bandit14.password
4 -rw-r--r--  1 root      root      220 May 15  2017 .bash_logout
4 -rw-r--r--  1 root      root     3526 May 15  2017 .bashrc
4 -rw-r--r--  1 root      root      675 May 15  2017 .profile
bandit15@bandit:~$ cat /etc/bandit_pass/bandit15
BfHYroe26WYalil77Foot9qh59eK5xNr
bandit15@bandit:~$ ncat --ssl localhost 30001
BfHYroe26WYalil77Foot9qh59eK5xNr
Correct!
cluFn7wTiGryunymYOu4RcffSxQluehd
```

The password is :

**cluFn7wTiGryunymYOu4RcffSxQluehd**

# Summary

- 1 - boJ9jbbUNNfktd780OpsqOltutMc3MY1
- 2 - CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
- 3 - UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
- 4 - plwrPrtPN36QITSp3EQaw936yaFoFgAB
- 5 - koReBOKuIDDepwhWk7jZC0RTdopnAYKh
- 6 - DXjZPULLxYr17uwol01bNLQbtFemEgo7
- 7 - HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
- 8 - cvX2JJa4CFALtqS87jk27qwqGhBM9pIV
- 9 - UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
- 10 - truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
- 11 - IfukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
- 12 - 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
- 13 - 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
- 14 - 4wcYUJFw0k0XLShIDzztnTBHiqxU3b3e
- 15 - BfMYroe26WYalil77FoDi9qh59eK5xNr
- 16 - cluFn7wTiGryunymYOu4RcffSxQluehd

Thank  
you!