

COGNIZANCE 2022

Task-5



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OverTheWire Game

Connection to SSH

ssh [-p port] [user@]server [command]

Example: ssh -p 2220 bandit0@bandit.labs.overthewire.org

Passwords for each level

Pass 1. boJ9jbbUNNfktd78OOpsqOltutMc3MY1

```
bandito@bandit:~$ ls
readme
bandito@bandit:~$ cat readme
boJ9jbbUNNfktd7800psq0ltutMc3MY1
bandito@bandit:~$
```

Pass 2. CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

Pass 3. UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

```
bandit2@bandit:~$ ls
spaces in this filename
bandit2@bandit:~$ ls -al
total 24
drwxr-xr-x 2 root root 4096 May 7 2020 .
drwxr-xr-x 41 root root 4096 May 7 2020 .
-rw-r-r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r-r-- 1 root root 3526 May 15 2017 .bashrc
-rw-r-r-- 1 bandit3 bandit2 33 May 7 2020 spaces in this filename
bandit2@bandit:~$ cat "./spaces in this filename"
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
bandit2@bandit:~$
```

Pass 4. plwrPrtPN36QITSp3EQaw936yaFoFgAB

```
bandit3@bandit:~$ ls -al
total 24
drwxr-xr-x 3 root root 4096 May
                                                    2020
drwxr-xr-x 41 root root 4096 May 7
                                                    2020
-rw-r-r-- 1 root root 320 May 15 2017 .bash_lor-rw-r-r-- 1 root root 326 May 15 2017 .bashrcdrwxr-xr-x 2 root root 4096 May 7 2020 inhere -rw-r-r- 1 root root 675 May 15 2017 .profile
                                                            .bash_logout
bandit3@bandit:~$ cd inhere/
bandit3@bandit:~/inhere$ ls -al
total 12
drwxr-xr-x 2 root
                                        4096 May 7
4096 May 7
33 May 7
                                                           2020 .
                             root
drwxr-xr-x 3 root
                                                           2020
                             root
-rw-r---- 1 bandit4 bandit3 33 May
                                                           2020 .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$
```

Pass 5. koReBOKulDDepwhWk7jZC0RTdopnAYKh

Pass 6. DXjZPULLxYr17uwol01bNLQbtFemEgo7

Pass 7. HKBPTKQnlay4Fw76bEy8PVxKEDQRKTzs

```
bandité@bandit:/$ find ./ -group bandité -user bandit7 2>/dev/null
./var/lib/dpkg/sinfo/bandit7.password
bandité@bandit:/$ clean
bandité@bandit:/$ clean
bandité@bandit:/$ clean
bandité@bandit:/$ clean
bandité@bandit:/$ ling lib52 lost+found opt root share
bandité@bandit:/$ find ./ -group bandité -user bandit7
boot etc initrd.img.old lib64 media proc run srv usr vmlinuz.old
cgroup2 home lib libx32 mnt README.txt sbin sys var
bandité@bandit:/$ find ./ -group bandit6 -user bandit7
find: './home/bandit32-git': Permission denied
find: './home/bandit33-git': Permission denied
find: './home/bandit33-git': Permission denied
find: './home/bandit37-git': Permission denied
find: './home/bandit37-git': Permission denied
find: './home/bandit37-git': Permission denied
find: './tot/su/hackup': Permission denied
find: './stot-found': Permission denied
find: './stot/vu/hackup': Permission denied
find: './stot/vu/hackup': Permission denied
find: './proc/2931/task/2931/fdinfo/6': No such file or directory
find: './run/screen/s-bandit17': Permission denied
find: './run/screen/s-bandit17': Permission denied
find: './run/screen/s-bandit17': Permission denied
find: './run/screen/s-bandit17': Permission denied
find: './run/screen/s-bandit21': Permission denied
find: './run/screen/s-bandit24': Permission denied
find: './run/screen/s-bandit24': Permission denied
find: './run/screen/s-bandit24': Permission denied
find: './vun/screen/s-bandit24': Permission denied
find: './vun/sc
```

Pass 8. cvX2JJa4CFALtqS87jk27qwqGhBM9pIV

Pass 9. UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

```
bandit8@bandit:~$ ls
data.txt
bandit8@bandit:~$ head -5 data.txt
VkBAEWyIibVkeURZV5mowiGg6i3m7Be0
zdd2ctVveROGeis2WE3TeLZMeL5jL7iM
sYSokIATVvFUKU4sAHTtMarfjlZWWj5i
ySvsTwlMgnUF0n86Fgmn2TNjkSOlrV72
NLWvtQvL7EaqBNx2x4eznRlQONULlCYZ
bandit8@bandit:~$ cat data.txt | sort -d | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
bandit8@bandit:~$ |
```

Pass 10. truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

Pass 11. IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

```
bandit10@bandit:~$ man base64
bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8M0q3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$
```

Pass 12. 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

```
bandit11@bandit:~$ ls
data.txt
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPESPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ python3
Python 3.5.3 (default, Sep 27 2018, 17:25:39)
[GCC 6.3.0 20170516] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> string = "Gur cnffjbeq vf 5Gr8L4qetPESPk8htqjhRK8XSP6x2RHh"
>>> for i in string:
... if(i ≤ 'Z' and i ≥ 'A'):
... result = (((ord(i)-65)+13)%26)+65
... print(chr(result), end="")
... elif(i ≤ 'z' and i ≥ 'a'):
... result = (((ord(i)-97)+13)%26)+97
... print(chr(result), end="")
... else:
... print(i, end="")
...
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu>>>
>>> exit()
Error in atexit._run_exitfuncs:
PermissionError: [Errno 13] Permission denied
bandit11@bandit:~$ |
```

Pass 13. 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

```
data.txt file
bandit12@bandit:/tmp/dir$ file file file: gzip compressed data, was "data4.bin", last modified: Thu May 7 18:14:30 pression, from Unix
bression, from onix
bandit12@bandit:/tmp/dir$ mv file file.gz
bandit12@bandit:/tmp/dir$ gzip -d file.gz
bandit12@bandit:/tmp/dir$ file file
file: POSIX tar archive (GNU)
bandit12@bandit:/tmp/dir$ mv file file.tar
bandit12@bandit:/tmp/dir$ tar -d file.tar
tar: Refusing to read archive contents from terminal (missing -f option?)
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/dir$ man tar
bandit12@bandit:/tmp/dir$ tar -xf file.tar
               @bandit:/tmp/dir$ ls
data5.bin data.txt file.tar
bandit12@bandit:/tmp/dir$ file file
file: cannot open `file' (No such file or directory)
                            :/tmp/dir$ file data5.bin
data5.bin: POSIX tar archive (GNU)
 bandit12@bandit:/tmp/dir$ mv data5.bin data5.tar
bandit12@bandit:/tmp/dir$ tar -xf data5.tar
 bandit12@bandit:/tmp/dir$ ls
data5.tar data6.bin data.txt file.tar
bandit12@bandit:/tmp/dir$ mv data6.bin data6.tar
bandit12@bandit:/tmp/dir$ tar -xf data6.tar
bandit12@bandit:/tmp/dir$ ls
data5.tar data6.tar data8.bin data.txt file.tar
 bandit12@bandit:/tmp/dir$ file data8
> .bin
> ^C
bandit12@bandit:/tmp/dir$ file data8.bin
data8.bin: gzip compressed data, was "data9.bin", last modified: Thu May 7 18:
vacab.DIII. gaip Compressed data, was data; DIII
x compression, from Unix
bandit12@bandit:/tmp/dir$ mv data8.bin data8.gz
bandit12@bandit:/tmp/dir$ gzip -d data8.gz
bandit12@bandit:/tmp/dir$ ls
data5.tar data6.tar data8 data.txt file.tar
bandit12@bandit:/tmp/dir$ file data8
data8: ASCII text
bandit12@bandit:/tmp/dir$ cat data8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL
bandit12@bandit:/tmp/dir$
```

Pass 14. 4wcYUJFw0k0XLShIDzztnTBHiaxU3b3e

```
bandit13@bandit:~$ ls
sshkey.private
                @bandit:~$ ls -al
total 24
drwxr-xr-x 2 root root 4096 May 7 2020 .
drwxr-xr-x 41 root root 4096 May 7 2020 .
-rw-r-r- 1 root root 220 May 15 2017 .bash_logout
-rw-r-r- 1 root root 3526 May 15 2017 .bashrc
-rw-r-r- 1 root root 675 May 15 2017 .profile
-rw-r--- 1 bandit14 bandit13 1679 May 7 2020 sshkey.private
drwxr-xr-x 41 root
bandit13@bandit:~$ cat sshkey.private
----BEGIN RSA PRIVATE KEY----
MIIEpAIBAAKCAQEAxkk0E83W2c0T7IWhFc9aPaaQmQDdgzuXCv+ppZHa++buSkN+
gg@tcr7Fw8NLGa5+Uzec2rEg@WmeevB13AIoYp@MZyETq46t+jk9puNwZwIt9XgB
ZUfGtZEwWbFWw/vVLNwOXBedUWStGRWzgPpEeSv5Tb1VjLZIBdGphTIK22Amz6Zb
ThMsiMnyJafEwJ/T8PQ03myS91vUHEuoOMAzoUID4kN0MEZ3+XahyK0HJVq68KsV
ObefXG1vvA3GAJ29kxJaqvRfgYnqZryWN7w3CHjNU4c/2Jkp+n8L0SnxaNA+WYA7
JiPyTF0is8uzMLYQ411Lzh/8/MpvhCQF8r22dwIDAQABAoIBAQC6dWBjhyEOzjeA
J3j/RWmap9M5zfJ/wb2bfidMpwbB8rsJ4sZIDZQ7XvIh4LfygoAQSs+bBw3RXvzE
pvJt3SmU8hIDuLsCjL1VnBY5pY7Bju8g8aR/3FyjyNAqx/TLfzLLYf0v7i9Jet67
xAh0t0NG/u8FB5I3LAI2Vp60viwvdWeC4n0xCthldpuPKNLA8rmMMVRTKQ+7T2VS
nXmwYckKUcUgzoVSpiNZaS0zUDypdpy2+tRH3MQa5kqN1YKjvF8RC47woOYCktsD
o3FFpGNFec9Taa3Msy+bfQQhHKZFKIJ3bJD0NtmrVvtYK40/yeU4aZ/HAZDQzwhe
ol1AfiEhAoGBAOnVjosBkm7sblK+n4IEwPxs8sOmhPnTDUy5WGrpSCrXOmsVIBUf
laL3ZGLx3xCIwtCnEucB9DvN2HZkupc/h6hTKUYLqXuyLD8njTrbRhLgbC9QrKrS
M1F2fSTxVqPtZDlDMwjNR04xHA/fKh8bXXyTMq0HNJTHHNhbh3McdURjAoGBANkU
1hqfnw7+aXncJ9bjysr1ZWbq0E5Nd8AFgfwaKuGTTVX2NsUQnCMWd0p+wFak40JH
PKWkJNdBG+ex0H9JNQsTK3X5PBMAS8AfX0GrKeuwKWA6erytVTqj0fLYcdp5+z9s
8DtVCxDuVsM+i4X8UqIGOlvGbtKEVokHPFXP1q/dAoGAcHg5YX7WEehCgCYTzp0+
xysX8ScM2qS6xuZ3MqUWAxUWkh7NGZvhe0sGy9i0dANzwKw7mUUFViaCMR/t54W1
GC83sOs3D7n5Mj8x3NdO8xFit7dT9a245TvaoYQ7KgmqpSg/ScKCw4c3eiLava+J
3btnJeSIU+8ZXq9XjPRpKwUCgYA7z6LiOQKxNeXH3qHXcnHok855maUj5f3NpPbY
iDkyZ8ySF8GlcFsky8Yw6fWCqfG3zDrohJ5l9JmEsBh7SadkwsZhvecQcS9t4vby
9/8X4jS0P8ibfcKS4nBP+dT81kkkg5Z5MohXBORA7VWx+ACohcDEkprsQ+w32xeD
bandit13@bandit:~$ ssh -p 2220 -i sshkey.private bandit14@bandit.labs.overthewire.org
bandit13@bandit:~$
```

Pass 15. BfMYroe26WYalil77FoDi9qh59eK5xNr

bandit14@bandit:~\$ nc localhost 30000 4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e Correct! BfMYroe26WYalil77FoDi9qh59eK5xNr bandit14@bandit:~\$