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Task 7 for Cognizance

♦ Level 0-1

```
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktd7800psqOltutMc3MY1
```

Pass. BoJ9jbbUNNfktd7800psq01tutMc3MY1

♦ Level 1-2

```
bandit1@bandit:~$ cat ~/*
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
```

Pass.CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

♦ Level 2-3

```
bandit2@bandit:~$ cat spaces\ in\ this\ filename
UmHadQclWmgdL0KQ3YNgjWxGoRMb5luK
```

Pass. UmHadQclWmgL0KQ3NgjWxGoRMb5LuK

♦ Level 3-4

```
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ ls -la
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
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

Pass. PIwrPrtPN36QITSp#EQaw936yaFoFgAB

♦ Level 4-5

```
bandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ ls -la
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:~/inhere$ cat -file00
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit4@bandit:~/inhere$ cat -file02
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit4@bandit:~/inhere$ cat -file07
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit4@bandit:~/inhere$ cat ./-file07
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
```

Pass. KoReBOKuIDDepwhWk7jZC0RTdopnAYKh

♦ Level 5-6

```
drwxr-xr-x  3 root root    4096 May  7  2020 ..
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere00
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere01
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere02
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere03
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere04
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere05
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere06
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere07
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere08
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere09
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere10
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere11
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere12
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere13
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere14
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere15
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere16
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere17
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere18
drwxr-x---  2 root bandit5 4096 May  7  2020 maybehere19
bandit5@bandit:~/inhere$ find . -type f -readable ! -excutable -size 1033c
find: unknown predicate `-excutable'
Try 'find --help' for more information.
bandit5@bandit:~/inhere$ find . -type f -readable ! -executable -size 1033c
./maybehere07/.file2
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

Pass. DXjZPULLxYr17uwoI01bNLQbtFemEgo7

♦ Level 6-7

```
find: '/var/cache/ldconfig': Permission denied
bandit6@bandit:~$ find / -user bandit7 -group bandit6 -size 33c 2>/dev/null
/var/lib/dpkg/info/bandit7.password
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
```

Pass. HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

♦ Level 7-8

```
encapsulate     STOVYQEMWtFz54JtjJRrhDXgZcfVw8lS
wildfowls       PqcMofjmKj8NBvO9exdu7FY2NG6WUMzb
Finland xgXsIYgqUCMriMoT7W2dSwTG1DCvbRvU
bandit7@bandit:~$ cat data.txt |grep "millionth"
millionth       cvX2JJa4CFALtqS87jk27qwqGhBM9plV
```

Pass. CvX2JJa4CFALtqs87jk27qwqGhBM9pLV

♦ Level 8-9

```
bandit8@bandit:~$ ls
data.txt
bandit8@bandit:~$ cat data.txt |sort uniq -u
sort: cannot read: uniq: No such file or directory
bandit8@bandit:~$ cat data.txt |sort| uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
```

Pass. UsvVyFSfZZWbi6WgC7dAFyFuR6jQQUhR

♦ Level 9-10

```
bandit9@bandit:~$ strings data.txt |grep"="
-bash: grep=: command not found
bandit9@bandit:~$ strings data.txt |grep "="
========= the*2i"4
=:G e
========= password
<I=zsGi
Z)========= is
A=|t&E
Zdb=
c^ LAh=3G
*SF=s
&========= truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
S=A.H&^
```

Pass. TruKLdjsb5g7yyJ2X2R0o3a5HQJFuLK

♦ Level 10-11

```
bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSCg==
bandit10@bandit:~$ cat data.txt | base64 --decode
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$
```

Pass. IFukwKGsFW8MOq31RFqrxE1hxTNEbUPR

♦ Level 11-12


```
bandit11@bandit:~$ ls
data.txt
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ cat data.txt |tr '[A-Za-z]' '[N-ZA-Mn-za-m]'
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
bandit11@bandit:~$
```

Pass. 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

♦ Level 12-13


```
00000250: 4242 393c 7320 9817 681d 3d02 0000          BB9<s ..h.=...
bandit12@bandit:/tmp/amma$ file data.txt
data.txt: ASCII text
bandit12@bandit:/tmp/amma$ xxd -r data.txt > data_xxd_reverse
bandit12@bandit:/tmp/amma$ file data_xxd_reverse
data_xxd_reverse: gzip compressed data, was "data2.bin", last modified: Thu May
  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/amma$ zcat data_xxd_reverse > data_zcat
bandit12@bandit:/tmp/amma$ file data_zcat
data_zcat: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/amma$ bzip2 -d data_zcat
bzip2: Can't guess original name for data_zcat -- using data_zcat.out
bandit12@bandit:/tmp/amma$ file data_zcat.out
data_zcat.out: gzip compressed data, was "data4.bin", last modified: Thu May  7
 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/amma$ ls
data.txt  data_xxd_reverse  data_zcat.out
bandit12@bandit:/tmp/amma$ zcat data_zcat.out > data_zcat_2
bandit12@bandit:/tmp/amma$ file data_zcat_2
data_zcat_2: POSIX tar archive (GNU)
bandit12@bandit:/tmp/amma$ tar xvf data5.bin
tar: data5.bin: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/amma$ tar xvf data5_zcat_2
tar: data5_zcat_2: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/amma$ tar xvf data_zcat_2
data5.bin
```

```
bandit12@bandit:/tmp/amma$ tar xvf data5.bin
tar: data5.bin: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/amma$ tar xvf data5_zcat_2
tar: data5_zcat_2: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/amma$ tar xvf data_zcat_2
data5.bin
bandit12@bandit:/tmp/amma$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/amma$ tar xvf data5.bin
data6.bin
bandit12@bandit:/tmp/amma$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/amma$ bzip2 -d data6.bin
bzip2: Can't guess original name for data6.bin -- using data6.bin.out
bandit12@bandit:/tmp/amma$ file data6.bin.out
data6.bin.out: POSIX tar archive (GNU)
bandit12@bandit:/tmp/amma$ tar xvf data6.bin.out
data8.bin
bandit12@bandit:/tmp/amma$ 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/amma$ zcat data8.bin > data8_zcat
bandit12@bandit:/tmp/amma$ file data8_zcat
data8_zcat: ASCII text
bandit12@bandit:/tmp/amma$ cat data8_zcat
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
```

Pass. 8ZjyCRiBWFYkneahhwxCv3b2a1ORpYL

♦ Level 13-14

```
bandit14@bandit:~$ ls
bandit14@bandit:~$ cd /etc/bandit_pass/
bandit14@bandit:/etc/bandit_pass$ ls
bandit0    bandit13  bandit18  bandit22  bandit27  bandit31  bandit6
bandit1    bandit14  bandit19  bandit23  bandit28  bandit32  bandit7
bandit10   bandit15  bandit2   bandit24  bandit29  bandit33  bandit8
bandit11   bandit16  bandit20  bandit25  bandit3   bandit4   bandit9
bandit12   bandit17  bandit21  bandit26  bandit30  bandit5
bandit14@bandit:/etc/bandit_pass$ cat bandit13
cat: bandit13: Permission denied
bandit14@bandit:/etc/bandit_pass$ cat bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:/etc/bandit_pass$
```

Pass. 4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e

♦ Level 14-15

```
                   ...
bandit14@bandit:/etc/bandit_pass$ nc localhost 30000
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr

bandit14@bandit:/etc/bandit_pass$
```

Pass. BfMYroe26WYalil77FoDi9aqh59eK5xNr