

## TASK-7

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### LEVEL 0 to 1:

```
Terminal - bandit0@bandit: ~
File Edit View Terminal Tabs Help
satwika@satwika-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:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

  OoM
www. ver he ire.org

Welcome to OverTheWire!

If you find any problems, please report them to Steven or morla on
irc.overthewire.org.

--[ 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/.
* PASSWORDS for each level are stored in /etc/somegame_pass/.

Write-access to homedirectories is disabled. It is advised to create a
working directory with a hard-to-guess name in /tmp/. You can use the
command "mktemp -d" in order to generate a random and hard to guess
directory in /tmp/. Read-access to both /tmp/ and /proc/ is disabled
so that users can not snoop on eachother. Files and directories with
easily guessable or short names will be periodically deleted!
```

```
Terminal - bandit0@bandit: ~
File Edit View Terminal Tabs Help
bandit0@bandit:~$ whoami
bandit0
bandit0@bandit:~$ ls
readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktD7800psq0ltutMc3MY1
bandit0@bandit:~$ ssh bandit1
ssh: Could not resolve hostname bandit1: No address associated with hostname
bandit0@bandit:~$
```

### Level 1 to 2:

```
Terminal - bandit1@bandit: ~
File Edit View Terminal Tabs Help
bandit1@bandit:~$ whoami
bandit1
bandit1@bandit:~$ ls
-
bandit1@bandit:~$ cat -
^C
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$
```

## Level 2 to 3

File Edit View Terminal Tabs Help

```
bandit2@bandit:~$ cat 'spaces in this filename'
UmHadQcLWmgdLOKQ3YNgjWxGoRmb5LuK
bandit2@bandit:~$
```

## Level 3 to 4:

Enjoy your stay!

```
bandit3@bandit:~$ whoami
bandit3
bandit3@bandit:~$ ls -a
. . . .bash logout .bashrc inheres .profile
bandit3@bandit:~$ cd inheres
bandit3@bandit:~/inheres$ ls
bandit3@bandit:~/inheres$ ls -a
. . . .hidden
bandit3@bandit:~/inheres$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inheres$
```

## Level 4 to 5:

For support, questions or comments, contact us through IRC on  
irc.overthewire.org #wargames.

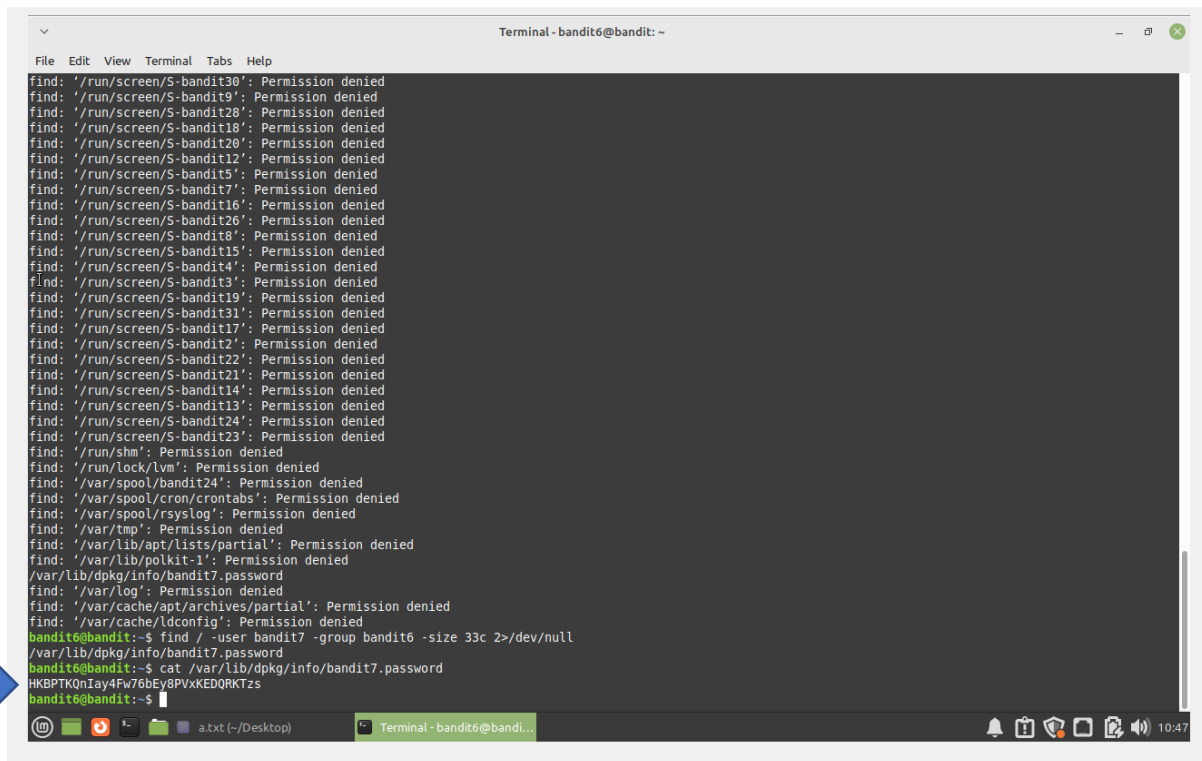
Enjoy your stay!

```
bandit4@bandit:~$ whoami
bandit4
bandit4@bandit:~$ ls
inheres
bandit4@bandit:~$ file inheres/*
inheres/-file00: data
inheres/-file01: data
inheres/-file02: data
inheres/-file03: data
inheres/-file04: data
inheres/-file05: data
inheres/-file06: data
inheres/-file07: ASCII text
inheres/-file08: data
inheres/-file09: data
bandit4@bandit:~$ pwd
/home/bandit4
bandit4@bandit:~$ cat /home/bandit4/inheres/-file07
koReB0KuID0epwhK7jZC0RTdopnAYKh
bandit4@bandit:~$
```

## Level 5 to 6:

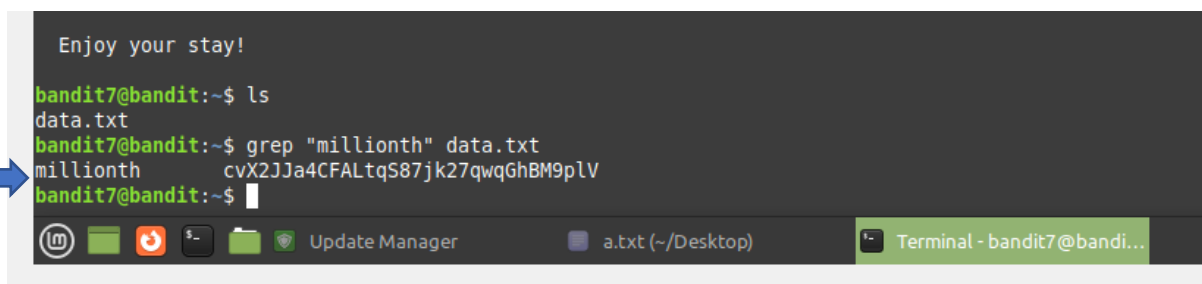
```
bandit5@bandit:~$ find . -type f -readable ! -executable -size 1033c
find: unknown predicate '-executable'
Try 'find --help' for more information.
bandit5@bandit:~$ find . -type f -readable ! -executable -size
find: unknown predicate '-executable'
Try 'find --help' for more information.
bandit5@bandit:~$ find . -type f -readable ! -executable -size 1033c
./inheres/maybehere07/.file2
bandit5@bandit:~$ cat ./inheres/maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
bandit5@bandit:~$
```

## Level 6 to 7:



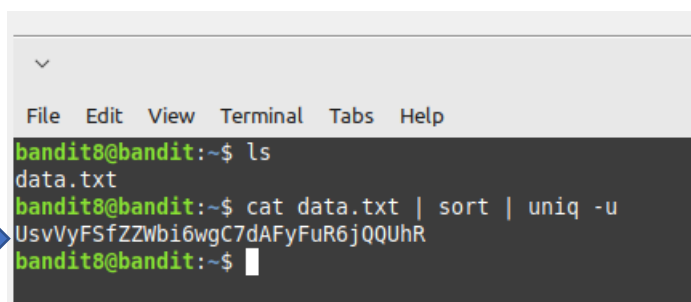
```
Terminal - bandit6@bandit: ~
File Edit View Terminal Tabs Help
find: '/run/screen/S-bandit30': Permission denied
find: '/run/screen/S-bandit9': Permission denied
find: '/run/screen/S-bandit28': Permission denied
find: '/run/screen/S-bandit18': Permission denied
find: '/run/screen/S-bandit20': Permission 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-bandit16': Permission denied
find: '/run/screen/S-bandit26': Permission denied
find: '/run/screen/S-bandit8': Permission denied
find: '/run/screen/S-bandit15': Permission denied
find: '/run/screen/S-bandit4': Permission denied
find: '/run/screen/S-bandit3': Permission denied
find: '/run/screen/S-bandit19': Permission denied
find: '/run/screen/S-bandit31': Permission denied
find: '/run/screen/S-bandit17': Permission denied
find: '/run/screen/S-bandit2': Permission denied
find: '/run/screen/S-bandit22': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/screen/S-bandit14': Permission denied
find: '/run/screen/S-bandit13': 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:~$ 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
bandit6@bandit:~$
```

## Level 7 to 8:



```
Enjoy your stay!
bandit7@bandit:~$ ls
data.txt
bandit7@bandit:~$ grep "millionth" data.txt
millionth      cvX2JJJa4CFALtqS87jk27qwqGhBM9plV
bandit7@bandit:~$
```

## Level 8 to 9:



```
File Edit View Terminal Tabs Help
bandit8@bandit:~$ ls
data.txt
bandit8@bandit:~$ cat data.txt | sort | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
bandit8@bandit:~$
```

## Level 9 to 10:

```
bandit9@bandit:~$ strings data.txt | grep "="
=====Ihe*2i"4
=:G e
===== password
<I=zsGi
Z)===== is
A=|t&E
Zdb=
c^ LAh=3G
*SF=s
&===== truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
S=A.H&^
bandit9@bandit:~$
```

### Level 10 to 11:

```
bandit10@bandit:~$ ls data.txt
data.txt
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8M0q3IRFqrxElhxTNEbUPR
bandit10@bandit:~$
```

### Level 11 to 12:

```
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4getPEsPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ cat data.txt | tr 'A-Za-z' 'N-ZA-Mn-za-m'
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
bandit11@bandit:~$
```

### Level 12 to 13:

```

bandit12@bandit:/tmp/pc$ file myfile1.bin
myfile1.bin: gzip compressed data, was "data2.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/pc$ zcat myfile1.bin > myfile2
bandit12@bandit:/tmp/pc$ ls
myfile1.bin  myfile2  myfile.txt
bandit12@bandit:/tmp/pc$ file myfile2
myfile2: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/pc$ bzcat myfile2 > myfile3
bandit12@bandit:/tmp/pc$ file mfile3
mfile3: cannot open 'mfile3' (No such file or directory)
bandit12@bandit:/tmp/pc$ file myfile3
myfile3: gzip compressed data, was "data4.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/pc$ zcat myfile3 > myfile4
bandit12@bandit:/tmp/pc$ file myfile4
myfile4: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pc$ tar -xvf myfile4
data5.bin
bandit12@bandit:/tmp/pc$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pc$ tar -xvf data5.bin
data6.bin
bandit12@bandit:/tmp/pc$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/pc$ bzcat data6.bin > myfile7
bandit12@bandit:/tmp/pc$ file myfile7
myfile7: POSIX tar archive (GNU)
bandit12@bandit:/tmp/pc$ tar -xvf myfile7
tar: myfile7: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/pc$ tar -xvf myfile7
data8.bin
bandit12@bandit:/tmp/pc$ 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/pc$ zcat data8.bin > myfile9
bandit12@bandit:/tmp/pc$ file myfile9
myfile9: ASCII text
bandit12@bandit:/tmp/pc$ cat mfile9
cat: mfile9: No such file or directory
bandit12@bandit:/tmp/pc$ cat myfile9
The password is 8ZjyCRiBWfYkneahHwxCv3wb2a10RpYL
bandit12@bandit:/tmp/pc$

```

## Level 13 to 14:

```

bandit14@bandit:~$ cd/etc/bandit_pass/bandit14
-bash: cd/etc/bandit_pass/bandit14: No such file or directory
bandit14@bandit:~$ cd /etc/bandit_pass/bandit14
-bash: cd: /etc/bandit_pass/bandit14: Not a directory
bandit14@bandit:~$ cd /ec
-bash: cd: /ec: No such file or directory
bandit14@bandit:~$ cd /etc
bandit14@bandit:~$ cd /etc$
bandit14@bandit:~$ cd /etc$ ls
adduser.conf      cronstab          group-            insserv.conf.d   magic.mime        passwd-           rpc               supervisor
adjtime           cron.weekly       grub.d            iproute2         mailcap           perl             rsyslog.conf     sysctl.conf
alternatives      dbus-1            gshadow           issue            mailcap.order     polkit-1         rsyslog.d        sysctl.d
apache2           debconf.conf      gshadow-         issue.net         manpath.config    profile          screenrc         systemd
apm              debian version    gss               kernel           mime.types        protocols        security         terminfo
apparmor          default           hdparm.conf       kernel-img.conf  mke2fs.conf       python            securetty        timezone
apparmor.d        deluser.conf      host.conf         ld.so.cache      modprobe.d        python2.7         selinux          tmpfiles.d
apt              devuan_version   hosts             ld.so.conf       modules            python3           services        ucf.conf
bandit_pass       dhcp             hostname          ld.so.conf.d     motd               python3.5         sgml             udev
bash.bashrc       dictionaries-common hosts.allow        ld.so.conf.d     mtabs              rc0.d             shadow           ufw
bash_completion   discover.conf.d  hosts.deny        ld.so.conf.d     network            rc1.d             shadow-          update-motd.d
bash_completion.d discover-modprobe.conf identd.conf       libaudit.conf    network            rc2.d             shells           vim
bindresvport.blacklist dpkg              inetd.conf        locale.alias      NetworkManager    rc3.d             skel             wgetrc
ca-certificates   eelogind         inetd.d           locale.gen        networks           rc4.d             ssh              X11
ca-certificates.conf emacs             init              localtime         newt               rc5.d             ssl              xdg
calendar          environment       initramfs-tools  logcheck          nsswitch.conf     rc6.d             staff-group-for-usr-local xml
ConsoleKit        firewall         inittab           logrotate.conf   ntp.conf           rc.local          subgid           subuid
console-setup     fstab            inputrc          logrotate.d       pam.conf           reportbug.conf    subuid           sudoers
cron.d            gai.conf         lvm              ltrace.conf      pam.d              resolv.conf       sudoers
cron.daily        groff            insserv.conf     magic             passwd             rmt               sudoers.d
cron.hourly       group
cron.monthly      group
bandit14@bandit:~$ cd /etc/bandit_pass
bandit14@bandit:~$ cd /etc/bandit_pass$ ls
bandit0  bandit11  bandit14  bandit17  bandit2  bandit22  bandit25  bandit28  bandit30  bandit33  bandit6  bandit9
bandit1  bandit12  bandit15  bandit18  bandit20  bandit23  bandit26  bandit29  bandit31  bandit4  bandit7
bandit10  bandit13  bandit16  bandit19  bandit21  bandit24  bandit27  bandit3  bandit32  bandit5  bandit8
bandit14@bandit:~$ cd /etc/bandit_pass$ file bandit14
bandit14: ASCII text
bandit14@bandit:~$ cd /etc/bandit_pass$ cat bandit14
4wcYUJFw8k0XLSHldzztT8HixU3b3e
bandit14@bandit:~$ cd /etc/bandit_pass$

```

## Level 14 to 15:

```
File Edit View Terminal Tabs Help
bandit14@bandit:/etc/bandit_pass$ man nc
bandit14@bandit:/etc/bandit_pass$ nc localhost 30000
4wcYUJFw0k0XLShlDzztnTBHixU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
bandit14@bandit:/etc/bandit_pass$
```

**Passwords from level 0 to level 15:**

```
a.txt (~ / Desktop)
File Edit View Search Tools Documents Help
a.txt x
boJ9jbbUNNfktd7800psq0ltutMc3MY1
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
koReB0KuIDDepwhWk7jZC0RTdopnAYKh
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
cvX2JJJa4CFALtqS87jk27qwqGhBM9plV
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL
4wcYUJFw0k0XLShlDzztnTBHixU3b3e
BfMYroe26WYalil77FoDi9qh59eK5xNr
```