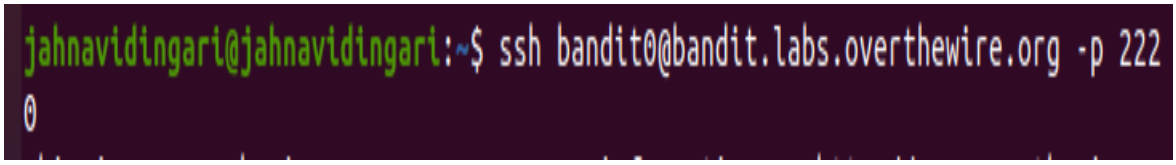
TASK – 7 : BANDIT

LEVEL 0

PASSWORD : bandit0

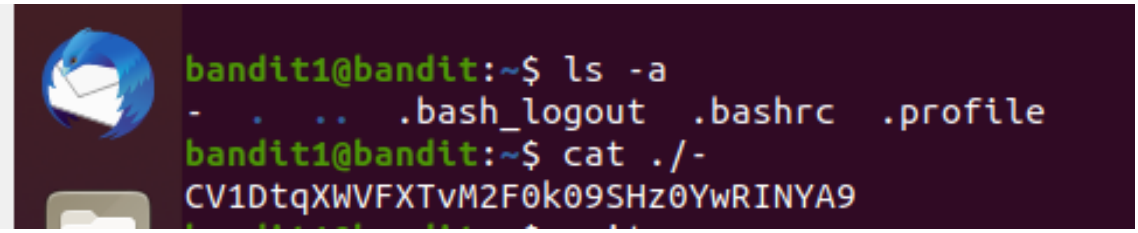


LEVEL 0 to 1

PASSWORD : boJ9jbbUNNfktd78OOpsqOltutMc3MY1

LEVEL 1 to 2 :

PASSWORD:CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9



LEVEL 2 to 3 :

PASSWORD : UmHadQclWmgdLOKQ3YNgjwxGoRMb5luK

```
bandit2@bandit:~$ ls
spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
```

LEVEL 3 to 4 :

PASSWORD :pIwrPrtPN36QITSp3EQaw936yaFoFgAB

```
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls -a
.  ..  .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
```

LEVEL 4 to 5 :

PASSWORD:koReBOKuIDDepwhWk7jZCORTdopnAYKh

```
bandit4@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  inhere  .profile
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ ls -a
.  ..  -file00  -file01  -file02  -file03  -file04  -file05  -file06  -file07  -file08  -file09
bandit4@bandit:~/inhere$ 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
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
```

LEVEL 5 to 6 :

PASSWORD :DXjZPULLxYr17uwoI01bNLQbtFemEgo7

```
bandit5@bandit:~/inhere$ ls -a
.   maybehere00  maybehere02  maybehere04  maybehere06  maybehere08  maybehere10  maybehere12  maybehere14  maybehere16  maybehere18
..  maybehere01  maybehere03  maybehere05  maybehere07  maybehere09  maybehere11  maybehere13  maybehere15  maybehere17  maybehere19
bandit5@bandit:~/inhere$ find -type f -size 1033c
./maybehere07/.file2
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

LEVEL 6 to 7 :

PASSWORD:HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

```
bandit6@bandit:~$ find / -type f -user bandit7 -group bandit6 -size 33c
```

```
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
```

LEVEL 7 to 8 :

PASSWORD:cvX2JJa4CFALtqS87jk27qwqGhBM9plV

```
bandit7@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit7@bandit:~$ awk '/^millionth/ {print $2;}' data.txt
cvX2JJa4CFALtqS87jk27qwqGhBM9plV
```

LEVEL 8 to 9 :

PASSWORD : UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

```
bandit8@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit8@bandit:~$ cat data.txt | sort | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR
```

LEVEL 9 to 10 :

PASSWORD : TruKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

```
bandit9@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
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&^
```

LEVEL 10 to 11 :

PASSWORD:IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

```
bandit10@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSCg==
```

```
bandit10@bandit:~$ echo VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSCg== | base64 --decode
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
```

Level 11 to 12 :

PASSWORD:5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

```
bandit11@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ echo Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ echo Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh | tr [a-zA-Z] [n-za-mN-ZA-M]
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
```

LEVEL 12 to 13 :

PASSWORD : 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

```
bandit12@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  data.txt  .profile
bandit12@bandit:~$ mkdir /tmp/cognizance003
bandit12@bandit:~$ cp data.txt /tmp/cognizance003
bandit12@bandit:~$ cd /tmp/cognizance003
bandit12@bandit:/tmp/cognizance003$ ls
data.txt
bandit12@bandit:/tmp/cognizance003$ file data.txt
data.txt: ASCII text
bandit12@bandit:/tmp/cognizance003$ cat data.txt
00000000: 1f8b 0808 0650 b45e 0203 6461 7461 322e  .....P.^..data2.
00000010: 6269 6e00 013d 02c2 fd42 5a68 3931 4159  bin..=...BZh91AY
00000020: 2653 598e 4f1c c800 001e 7fff fbf9 7fda  &SY.O.........
00000030: 9e7f 4f76 9fcf fe7d 3fff f67d abde 5e9f  ..Ov...}?..}..^.
00000040: f3fe 9fbf f6f1 feee bfdf a3ff b001 3b1b  ..............;.
00000050: 5481 a1a0 1ea0 1a34 d0d0 001a 68d3 4683  T......4....h.F.
00000060: 4680 0680 0034 1918 4c4d 190c 4000 0001  F....4..LM..@...
00000070: a000 c87a 81a3 464d a8d3 43c5 1068 0346  ...z..FM..C..h.F
00000080: 8343 40d0 3400 0340 66a6 8068 0cd4 f500  .C@.4..@f..h....
00000090: 69ea 6800 0f50 68f2 4d00 680d 06ca 0190  i.h..Ph.M.h.....
000000a0: 0000 69a1 a1a0 1ea0 194d 340d 1ea1 b280  ..i......M4.....
000000b0: f500 3406 2340 034d 3400 0000 3403 d400  ..4.#@.M4...4...
000000c0: 1a07 a832 3400 f51a 0003 43d4 0068 0d34  ...24.....C..h.4
000000d0: 6868 f51a 3d43 2580 3e58 061a 2c89 6bf3  hh..=C%.>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....O
00000120: cf8a aed5 7b52 4270 8d51 6978 c159 8b5a  ....{RBp.Qix.Y.Z
00000130: 2164 fb1f c26a 8d28 b414 e690 bfdd b3e1  !d...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  wO.R.....6.XS{..
00000180: 1510 cab5 cb51 4231 95a4 d045 b95c ea09  .....QB1...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$..M~
00000210: c95c 1b1f cac9 a04a 1988 43b2 6b55 c6a6  .\.....J..C.kU..
00000220: 075c 1eb4 8ecf 5cdf 4653 064e 84da 263d  .\....\.FS.N..&=
00000230: b15b bcea 7109 5c29 c524 3afc d715 4894  .[..q.\).$:...H.
00000240: 7426 072f fc28 ab05 9603 b3fc 5dc9 14e1  t&./.(......]...
00000250: 4242 393c 7320 98f7 681d 3d02 0000       BB9<s ..h.=...
bandit12@bandit:/tmp/cognizance003$ xxd -r data.txt data
bandit12@bandit:/tmp/cognizance003$ 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/cognizance003$ xxd -r data.txt data
bandit12@bandit:/tmp/cognizance003$ 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/cognizance003$ mv data data.gz
bandit12@bandit:/tmp/cognizance003$ gzip -d data.gz
bandit12@bandit:/tmp/cognizance003$ ls
data  data.txt
bandit12@bandit:/tmp/cognizance003$ file data
data: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/cognizance003$ mv data data.bz2
bandit12@bandit:/tmp/cognizance003$ ls
data.bz2  data.txt
bandit12@bandit:/tmp/cognizance003$ man bzip2
bandit12@bandit:/tmp/cognizance003$ bzip -d data.bz2
-bash: bzip: command not found
bandit12@bandit:/tmp/cognizance003$ gzip -d data.bz2
gzip: data.bz2: unknown suffix -- ignored
bandit12@bandit:/tmp/cognizance003$ ls
data.bz2  data.txt
bandit12@bandit:/tmp/cognizance003$ bzip2 -d data.bz2
bandit12@bandit:/tmp/cognizance003$ ls
data  data.txt
bandit12@bandit:/tmp/cognizance003$ mv data data.gz
bandit12@bandit:/tmp/cognizance003$ gzip -d data.gz
bandit12@bandit:/tmp/cognizance003$ ls
data  data.txt
bandit12@bandit:/tmp/cognizance003$ file data
data: POSIX tar archive (GNU)
bandit12@bandit:/tmp/cognizance003$ man tar
bandit12@bandit:/tmp/cognizance003$ mv data  data.tar
bandit12@bandit:/tmp/cognizance003$ tar -x -f data.tar
bandit12@bandit:/tmp/cognizance003$ ls
data5.bin  data.tar  data.txt
bandit12@bandit:/tmp/cognizance003$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/cognizance003$ ls
data5.bin  data.tar  data.txt
bandit12@bandit:/tmp/cognizance003$ mv data5.bin data5.tar
bandit12@bandit:/tmp/cognizance003$ tar -x -f data6.tar
tar: data6.tar: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/cognizance003$ tar -x -f data5.tar
bandit12@bandit:/tmp/cognizance003$ ls
data5.tar  data6.bin  data.tar  data.txt
bandit12@bandit:/tmp/cognizance003$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/cognizance003$ mv data6.bin data6.tar
bandit12@bandit:/tmp/cognizance003$ tar -x -f data6.tar
bandit12@bandit:/tmp/cognizance003$ ls
data5.tar  data6.tar  data8.bin  data.tar  data.txt
```

```
bandit12@bandit:/tmp/cognizance003$ mv data data.bz2
bandit12@bandit:/tmp/cognizance003$ ls
data.bz2  data.txt
bandit12@bandit:/tmp/cognizance003$ man bzip2
bandit12@bandit:/tmp/cognizance003$ bzip -d data.bz2
-bash: bzip: command not found
bandit12@bandit:/tmp/cognizance003$ gzip -d data.bz2
gzip: data.bz2: unknown suffix -- ignored
bandit12@bandit:/tmp/cognizance003$ ls
data.bz2  data.txt
bandit12@bandit:/tmp/cognizance003$ bzip2 -d data.bz2
bandit12@bandit:/tmp/cognizance003$ ls
data  data.txt
bandit12@bandit:/tmp/cognizance003$ mv data data.gz
bandit12@bandit:/tmp/cognizance003$ gzip -d data.gz
bandit12@bandit:/tmp/cognizance003$ ls
data  data.txt
bandit12@bandit:/tmp/cognizance003$ file data
data: POSIX tar archive (GNU)
bandit12@bandit:/tmp/cognizance003$ man tar
bandit12@bandit:/tmp/cognizance003$ mv data  data.tar
bandit12@bandit:/tmp/cognizance003$ tar -x -f data.tar
bandit12@bandit:/tmp/cognizance003$ ls
data5.bin  data.tar  data.txt
bandit12@bandit:/tmp/cognizance003$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/cognizance003$ ls
data5.bin  data.tar  data.txt
bandit12@bandit:/tmp/cognizance003$ mv data5.bin data5.tar
bandit12@bandit:/tmp/cognizance003$ tar -x -f data6.tar
tar: data6.tar: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
bandit12@bandit:/tmp/cognizance003$ tar -x -f data5.tar
bandit12@bandit:/tmp/cognizance003$ ls
data5.tar  data6.bin  data.tar  data.txt
bandit12@bandit:/tmp/cognizance003$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/cognizance003$ mv data6.bin data6.tar
bandit12@bandit:/tmp/cognizance003$ tar -x -f data6.tar
bandit12@bandit:/tmp/cognizance003$ ls
data5.tar  data6.tar  data8.bin  data.tar  data.txt
bandit12@bandit:/tmp/cognizance003$ file data.bin
data.bin: cannot open `data.bin' (No such file or directory)
bandit12@bandit:/tmp/cognizance003$ 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/cognizance003$ mv data8.bin data8.gz
bandit12@bandit:/tmp/cognizance003$ file data8
data8: cannot open `data8' (No such file or directory)
bandit12@bandit:/tmp/cognizance003$ gzip -d data8.gz
bandit12@bandit:/tmp/cognizance003$ file data8
data8: ASCII text
bandit12@bandit:/tmp/cognizance003$ cat data8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
```

LEVEL 13 to 14 :

PASSWORD : 4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e

```
bandit13@bandit:~$ ls -a
.  ..  .bash_logout  .bashrc  .profile  sshkey.private
bandit13@bandit:~$ ssh -i sshkey.private bandit 14@localhost
ssh: Could not resolve hostname bandit: No address associated with hostname
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 SHA256:98UL0ZWr85496EtCRkKlo20X3OPnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? yes
Failed to add the host to the list of known hosts (/home/bandit13/.ssh/known_hosts).
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
```

LEVEL 14 to 15 :

PASSWORD : BfMYroe26WYalil77FoDi9qh59eK5xNr

```
bandit14@bandit:~$ telnet localhost 30000
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
```

LEVEL 15 to 16 :

PASSWORD : cluFn7wTiGryunymYOu4RcffSxqluehd

```
bandit15@bandit:~$ cat /etc/bandit_pass/bandit15
BfMYroe26WYalil77FoDi9qh59eK5xNr
bandit15@bandit:~$ man nc | grep ssl
bandit15@bandit:~$ man nc
bandit15@bandit:~$ man ncat
bandit15@bandit:~$
bandit15@bandit:~$ man ncat | grep ssl
                --ssl                   Connect or listen with SSL
                --ssl-cert              Specify SSL certificate file (PEM) for listening
                --ssl-key               Specify SSL private key (PEM) for listening
                --ssl-verify            Verify trust and domain name of certificates
                --ssl-trustfile         PEM file containing trusted SSL certificates
                --ssl-ciphers           Cipherlist containing SSL ciphers to use
       --ssl (Use SSL)
       --ssl-verify (Verify server certificates)
           In client mode, --ssl-verify is like --ssl except that it also requires verification of the server certificate. Ncat comes with a
           certificates; these will also be used if available. Use --ssl-trustfile to give a custom list. Use -v one or more times to get
       --ssl-cert certfile.pem (Specify SSL certificate)
           (in connect mode). Use it in combination with --ssl-key.
       --ssl-key keyfile.pem (Specify SSL private key)
           This option gives the location of the PEM-encoded private key file that goes with the certificate named with --ssl-cert.
       --ssl-trustfile cert.pem (List trusted certificates)
           with --ssl-verify. The argument to this option is the name of a PEM file containing trusted certificates. Typically, the file will
       --ssl-ciphers cipherlist (Specify SSL ciphersuites)
           http://www.openssl.org
bandit15@bandit:~$ ncat --ssl localhost 30001
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
cluFn7wTiGryunymYOu4RcffSxQluehd
```