

IsLevel 0

```
bandit0@bandit: ~  
bandit0@bandit:~$ bandit0@bandit:~$ ls  
readme  
bandit0@bandit:~$ echo readme  
readme  
bandit0@bandit:~$ nano readme  
Unable to create directory /home/bandit0/.nano: Permission denied  
It is required for saving/loading search history or cursor positions.  
  
Press Enter to continue  
  
bandit0@bandit:~$ bandit0@bandit:~$ cat readme  
boJ9jbbUNNfktd7800psq0ltutMc3MY1  
bandit0@bandit:~$ _
```

Level 1

```
bandit1@bandit:~$ ls  
-  
bandit1@bandit:~$ cat ./-  
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9  
bandit1@bandit:~$
```

Level 2

```
bandit2@bandit:~$ ls -r  
spaces in this filename  
bandit2@bandit:~$ cat spaces/*  
cat: 'spaces/*': No such file or directory  
bandit2@bandit:~$ cat spaces*  
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK  
bandit2@bandit:~$ _
```

Level 3

```
bandit3@bandit: ~  
bandit3@bandit:~$ bandit3@bandit:~$ pwd  
/home/bandit3  
bandit3@bandit:~$ ls  
inhere  
bandit3@bandit:~$ cat inhere/.hidden  
cat: inhere/.hidden: No such file or directory  
bandit3@bandit:~$ cat inhere/.hidden  
pIwrPrtPN36QITSp3EQaw936yaFoFgAB  
bandit3@bandit:~$
```

Level 4

```
bandit4@bandit: ~/inhere
bandit4@bandit:~$ bandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ ls
-file00 -file02 -file04 -file06 -file08
-file01 -file03 -file05 -file07 -file09
bandit4@bandit:~/inhere$ file ./-file07
./-file07: ASCII text
bandit4@bandit:~/inhere$ cat file07
cat: file07: No such file or directory
bandit4@bandit:~/inhere$ cat ./-file07
koReBOKuIDDepwhWk7jZC0RTdopnAYKh
bandit4@bandit:~/inhere$
```

Level 5

```
bandit5@bandit: ~/inhere
bandit5@bandit:~/inhere$ bandit5@bandit:~/inhere$ cd ..
bandit5@bandit:~$ cd inhere | cat ./maybehere07/.file2
cat: ./maybehere07/.file2: No such file or directory
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
0XjZPULLxYr17uwoI01bNLQbtFemEgo7
bandit5@bandit:~/inhere$
```

Level 6

```
bandit6@bandit: ~
bandit6@bandit:~$ ls
bandit6@bandit:~$ ls -lr
bandit6@bandit:~$ find -user
find: missing argument to '-user'
Try 'find --help' for more information.
bandit6@bandit:~$ find -user bandit7
bandit6@bandit:~$ ls -lr
bandit6@bandit:~$
bandit6@bandit:~$ find -user bandit7 -group bandit6
bandit6@bandit:~$ ls -la
total 20
drwxr-xr-x  2 root root 4096 May  7 20:14 .
drwxr-xr-x 41 root root 4096 May  7 20:14 ..
-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
bandit6@bandit:~$ cat /var/lib/dpkg/info/
cat: /var/lib/dpkg/info/: Is a directory
bandit6@bandit:~$ cat /var/lib/dpkg/info/banfit7.password
cat: /var/lib/dpkg/info/banfit7.password: No such file or directory
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
bandit6@bandit:~$
```

Level 7

```
bandit7@bandit:~$ strings data.txt | grep "millionth"
millionth      cvX2JJJa4CFALtqS87jk27qwqGhBM9plV
bandit7@bandit:~$
```

Level 8

```
bandit8@bandit:~$ sort data.txt | uniq -c -u
1 flyKxCbHB8uLTaIB5LXqQNuJj3yj00eh
1 w4zUWFGTUraAh8lNkS8gH3WK2zowBEkA
bandit8@bandit:~$
1 UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhr
bandit8@bandit:~$
```

Level 9

```
bandit9@bandit: ~
bandit9@bandit:~$ ls
data.txt
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&^
bandit9@bandit:~$
```

Level 10

```
bandit10@bandit: ~
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$
```

Level 11

```
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:~$
```

Level 12

Level 13

```
bandit13@bandit:~$ ssh -i sshkey.private bandit14@localhost cat /etc/bandit_pass/ba
bandit14
Could not create directory '/home/bandit13/.ssh'.
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZWr85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.
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

4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit13@bandit:~$ _
```

Level 14

```
bandit14@bandit:~$ nc localhost 30000

Wrong! Please enter the correct current password
bandit14@bandit:~$ nc localhost 30000
^[[A^[[A
Wrong! Please enter the correct current password
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$ nc localhost 30000

Wrong! Please enter the correct current password
bandit14@bandit:~$
bandit14@bandit:~$
bandit14@bandit:~$ nc localhost 30000 | cat /etc/bandit_pass/bandit14 | nc localhos
t 30000
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
```

Level 15

```
bandit15@bandit: ~  
bandit15@bandit:~$ man nc | grep ssl  
bandit15@bandit:~$ man nc  
bandit15@bandit:~$ 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 certificate  
--ssl-trustfile PEM file containing trusted SSL certificate  
--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  
these will also be used if available. Use --ssl-trustfile to give a  
--ssl-cert certfile.pem (Specify SSL certificate)  
connect mode). Use it in combination with --ssl-key.  
--ssl-key keyfile.pem (Specify SSL private key)  
that goes with the certificate named with --ssl-cert.  
--ssl-trustfile cert.pem (List trusted certificates)  
--ssl-verify. The argument to this option is the name of a PEM file  
--ssl-ciphers cipherlist (Specify SSL ciphersuites)  
http://www.openssl.org  
bandit15@bandit:~$ ncat --ssl  
Ncat: You must specify a host to connect to. QUITTING.  
bandit15@bandit:~$ ncat --ssl localhost 30000  
^X  
^C  
bandit15@bandit:~$ ncat --ssl localhost 30001  
Wrong! Please enter the correct current password  
^C  
bandit15@bandit:~$ cat /etc/bandit_pass/bandit15 | openssl s_client -connect localhost:30001 -quiet  
depth=0 CN = localhost  
verify error:num=18:self signed certificate  
verify return:1  
depth=0 CN = localhost  
verify return:1  
Correct!  
cluFn7wTiGryunymYOu4RcfftSxQluehd  
bandit15@bandit:~$ _
```

Level 16

Level 17

Level 18

Level 19

Level 20

Level 21

Level 22

Level 23

Level 24

Level 25

Level 26

Level 27

Level 28

Level 29

Level 30

