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ROLL NO:21023 (CSE-A)
TASK: COGNIZANCE (TASK -7)

Read the instructions given on the OverTheWire website properly and then find whatever is needed to proceed to the next levels. You have to complete up to level 15. Submit us a PROPER PDF document of the passwords you found along with the screenshots of the passwords.

The goal of this level is for you to log into the game using SSH. The host you need to connect to is bandit.labs.overthewire.org, on port 2220.

level 0 → level 1

The username is bandit0 and the password is bandit0
The password for the next level is stored in a file called readme located in the home directory. Use this password to log into bandit1 using SSH.

```
moksha@moksha:~$ 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:
```

```
bandit0@bandit:~$ ls
readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktd78OOpsqOltutMc3MY1
bandit0@bandit:~$
```

Password for opening level-1 is "boJ9jbbUNNfktd78OOpsqOltutMc3MY1".

Then we have to exit from bandit0

Level 1 → Level 2

The password for the next level is stored in a file called ~ located in the home directory

```
moksha@moksha:~$ ssh bandit1@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit1@bandit:~$ ls
-
bandit1@bandit:~$ ls -a
-  .  ..  .bash_logout  .bashrc  .profile
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$
```

Password for opening level-2 is **"CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9"**.

Level 2 → Level 3

The password for the next level is stored in a file called spaces in this filename located in the home directory

```
moksha@moksha:~$ ssh bandit2@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

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

Password for opening level-3 is **"UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK"**.

Level 3 → Level 4

The password for the next level is stored in a hidden file in the inhere directory.

```
moksha@moksha:~$ ssh bandit3@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

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

Password for opening level-4 is **"pIwrPrtPN36QITSp3EQaw936yaFoFgAB"**.

Level 4 → Level 5

The password for the next level is stored in the only human-readable file in the inhere directory.

```
moksha@moksha:~$ ssh bandit4@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ cd inhere
bandit4@bandit:~/inhere$ ls
-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
bandit4@bandit:~/inhere$
```

Password for opening level-5 is **"koReBOKuIDDepwhWk7jZC0RTdopnAYKh"**.

Level 5 → Level 6

The password for the next level is stored in a file somewhere under the inhere directory and has all of the following properties:

human-readable,1033 bytes in size,not executable

```
moksha@moksha:~$ ssh bandit5@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ ls
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
bandit:~/inhere$
```

Password for opening level-6 is **"DXjZPULLxYr17uwoI01bNLQbtFemEgo7"**.

Level 6 → Level 7

The password for the next level is stored somewhere on the server and has all of the following properties:

owned by user bandit7, owned by group bandit6,33 bytes in size

```
moksha@moksha:~$ ssh bandit6@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit6@bandit:~$ find / -type f -user bandit7 -group bandit6 -size 33c
find: '/root': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit5/inhere': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/bandit31-git': Permission denied
find: '/lost+found': Permission denied
find: '/etc/ssl/private': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
find: '/etc/lvm/archive': Permission denied
find: '/etc/lvm/backup': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/proc/tty/driver': Permission denied
find: '/proc/12831/task/12831/fdinfo/6': No such file or directory
find: '/proc/12831/fdinfo/5': No such file or directory
find: '/cgroup2/csessions': Permission denied
find: '/boot/lost+found': Permission denied
find: '/tmp': Permission denied
find: '/run/lvm': Permission denied
find: '/run/screen/S-bandit1': Permission denied
find: '/run/screen/S-bandit10': Permission denied
find: '/run/screen/S-bandit29': Permission denied
find: '/run/screen/S-bandit25': Permission denied
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:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
bandit6@bandit:~$
```

Password for opening level-7 is "HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs".

Level 7 → Level 8

The password for the next level is stored in the file data.txt next to the word millionth

```
moksha@moksha:~$ ssh bandit7@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit7@bandit:~$ cat data.txt | grep millionth
millionth       cvX2JJa4CFALtqS87jk27qwqGhBM9plV
bandit7@bandit:~$
```

Password for opening level-8 is **"cvX2JJa4CFALtqS87jk27qwqGhBM9plV"**.

Level 8 → Level 9

The password for the next level is stored in the file data.txt and is the only line of text that occurs only once

```
moksha@moksha:~$ ssh bandit8@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

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

Password for opening level-9 is **"UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR"**.

Level 9 → Level 10

The password for the next level is stored in the file data.txt in one of the few human-readable strings, preceded by several '=' characters.

```
moksha@moksha:~$ ssh bandit9@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
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&^
```

Password for opening level-10 is **"truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk"**.

Level 10 → Level 11

The password for the next level is stored in the file data.txt, which contains base64 encoded data

```
moksha@moksha:~$ ssh bandit10@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

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

Password for opening level-11 is **"IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR"**.

Level 11 → Level 12

The password for the next level is stored in the file data.txt, where all lowercase (a-z) and uppercase (A-Z) letters have been rotated by 13 positions

```
moksha@moksha:~$ ssh bandit11@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
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:~$
```

Password for opening level-12 is **"5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu"**.

Level 12 → Level 13

The password for the next level is stored in the file data.txt, which is a hex dump of a file that has been repeatedly compressed. For this level, it may be useful to create a directory under /tmp in which you can work using mkdir.

Hint : mkdir /tmp/myname123. Then copy the datafile using cp, and rename it using mv

```
moksha@moksha:~$ ssh bandit12@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit12@bandit:~$ ls
data.txt
bandit12@bandit:~$ cp data.txt /tmp/mokshatej
bandit12@bandit:~$ cd /tmp/mokshatej
bandit12@bandit:/tmp/mokshatej$ ls
data.txt
bandit12@bandit:/tmp/mokshatej$ file data.txt
data.txt: ASCII text
bandit12@bandit:/tmp/mokshatej$ 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.\).S:...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/mokshatej$ xxd -r data.txt task
bandit12@bandit:/tmp/mokshatej$ file task
task: gzip compressed data, was "data2.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/mokshatej$ mv task task.gz
bandit12@bandit:/tmp/mokshatej$ gzip -d task.gz
bandit12@bandit:/tmp/mokshatej$ file task
task: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/mokshatej$ mv task task.bz2
bandit12@bandit:/tmp/mokshatej$ bzip2 -d task.bz2
bandit12@bandit:/tmp/mokshatej$ mv task task.gz
bandit12@bandit:/tmp/mokshatej$ gzip -d task.gz
bandit12@bandit:/tmp/mokshatej$ ls
data.txt  moksha.gz  task
bandit12@bandit:/tmp/mokshatej$ file task
task: POSIX tar archive (GNU)
bandit12@bandit:/tmp/mokshatej$ mv task task.tar
bandit12@bandit:/tmp/mokshatej$ tar -x -f task.tar
bandit12@bandit:/tmp/mokshatej$ ls
data5.bin  data.txt  moksha.gz  task.tar
bandit12@bandit:/tmp/mokshatej$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/mokshatej$ mv data5.bin data5.tar
bandit12@bandit:/tmp/mokshatej$ tar -x -f data5.tar
bandit12@bandit:/tmp/mokshatej$ ls
data5.tar  data6.bin  data.txt  moksha.gz  task.tar
bandit12@bandit:/tmp/mokshatej$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/mokshatej$ mv data6.bin data6.tar
bandit12@bandit:/tmp/mokshatej$ tar -x -f data6.tar
bandit12@bandit:/tmp/mokshatej$ ls
data5.tar  data6.tar  data8.bin  data.txt  moksha.gz  task.tar
bandit12@bandit:/tmp/mokshatej$ 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/mokshatej$ mv data8.bin data8.gz
bandit12@bandit:/tmp/mokshatej$ gzip -d data8.gz
bandit12@bandit:/tmp/mokshatej$ file data8
data8: ASCII text
bandit12@bandit:/tmp/mokshatej$ cat data8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
bandit12@bandit:/tmp/mokshatej$
```

Password for opening level-13 is **"8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL"**.

Level 13 → Level 14

The password for the next level is stored in /etc/bandit_pass/bandit14 and can only be read by user bandit14. For this level, you don't get the next password, but you get a private SSH key that can be used to log into the next level. Note: localhost is a hostname that refers to the machine you are working on.

```
moksha@moksha:~$ ssh bandit13@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
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
```

Password for opening level-14 is **"4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e"**.

Level 14 → Level 15

The password for the next level can be retrieved by submitting the password of the current level to port 30000 on localhost.

```
moksha@moksha:~$ ssh bandit14@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

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

Connection closed by foreign host.
```

Password for opening level-15 is **"BfMYroe26WYalil77FoDi9qh59eK5xNr"**.

Level 16 → Level 17

The password for the next level can be retrieved by submitting the password of the current level to **port 30000 on localhost**

```
moksha@moksha:~$ ssh bandit15@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
```

```
bandit15@bandit:~$ ls
bandit15@bandit:~$ cat /etc/bandit_pass/bandit15
BfMYroe26WYalil77FoDi9qh59eK5xNr
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 default set of trusted
        Use --ssl-trustfile to give a custom list. Use -v one or more times to get details about verification failures.  Ncat does not check for revoked
    --ssl-cert certfile.pem (Specify SSL certificate)
        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)
        This option sets a list of certificates that are trusted for purposes of certificate verification. It has no effect unless combined with --ssl-verify.
    --ssl-ciphers cipherlist (Specify SSL ciphersuites)
        http://www.openssl.org
bandit15@bandit:~$ ncat --ssl localhost 30001
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
cluFn7wTiGryunymYOu4RcffSxQluehd
```

Password for opening level-16 is **"cluFn7wTiGryunymYOu4RcffSxQluehd"**