0 -> 1: NH2SXQwcBdpmTEzi3bvBHMM9H66vVXjL

```
Both python2 and python3 are installed.

--[ More information ]--

For more information regarding individual wargames, visit http://www.overthewire.org/wargames/

For support, questions or comments, contact us on discord or IRC.

Enjoy your stay!

bandit0@bandit:~$ ls readme bandit0@bandit:~$ cat readme NH2SXQwcBdpmTEzi3bvBHMM9H66vVXjL
```

1 - > 2: rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi

```
bandit1@bandit:~$ cd ./-
-bash: cd: ./-: Not a directory
bandit1@bandit:~$ cat -
^c
bandit1@bandit:~$ ./-
-bash: ./-: Permission denied
bandit1@bandit:~$ chomd +r ./-
Command 'chomd' not found, did you
  command 'chmod' from deb coreuti
Try: apt install <deb name>
bandit1@bandit:~$ chmod +r ./-
chmod: changing permissions of './
bandit1@bandit:~$ sudo chmod +r ./
sudo: /usr/bin/sudo must be owned
bandit1@bandit:~$ ls
bandit1@bandit:~$ cat ./-
rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi
bandit1@bandit:~$ exit
```

2 -> 3: aBZ0W5EmUfAf7kHTQeOwd8bauFJ2lAiG

```
--[ More information ]--

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Enjoy your stay!

bandit2@bandit:~$ ls

spaces in this filename
bandit2@bandit:~$ cat "spaces in this filename"

aBZ@W5EmUfAf7kHTQeOwd8bauFJ2lAiG
bandit2@bandit:~$ exit
logout
```

3 -> 4: 2EW7BBsr6aMMoJ2HjW067dm8EgX26xNe

```
-[ More information ]--
  For more information regarding individual wargames, visit
 http://www.overthewire.org/wargames/
  For support, questions or comments, contact us on discord o
  Enjoy your stay!
bandit3@bandit:~$ ls
inhere
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ find
./.hidden
bandit3@bandit:~/inhere$ find ./.hidden
./.hidden
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ cat ./.hidden
2EW7BBsr6aMMoJ2HjW067dm8EgX26xNe
bandit3@bandit:~/inhere$ ls -a
       .hidden
bandit3@bandit:~/inhere$
```

4 -> 5: IrIWWI6bB37kxfiCQZqUdOIYfr6eEeqR

```
ile: Cannot open `ile00' (No such file or direct
andit4@bandit:~/inhere$ file file00
ile00: cannot open `file00' (No such file or dir
andit4@bandit:~/inhere$ file "-file00"
ile: Cannot open `ile00' (No such file or direct
andit4@bandit:~/inhere$ file ./inhere
/inhere: cannot open `./inhere' (No such file or
andit4@bandit:~/inhere$ file ./inhere/
/inhere/: cannot open `./inhere/' (No such file
andit4@bandit:~/inhere$ file ./inhere/*
/inhere/*: cannot open `./inhere/*' (No such fil
andit4@bandit:~/inhere$ cd
andit4@bandit:~$ file ./inhere/*
/inhere/-file00: data
/inhere/-file01: data
/inhere/-file02: data
/inhere/-file03: data
/inhere/-file04: data
/inhere/-file05: data
/inhere/-file06: data
/inhere/-file07: ASCII text
/inhere/-file08: data
/inhere/-file09: Non-ISO extended-ASCII text, wi
andit4@bandit:~$ ls
nhere
andit4@bandit:~$ cd inhere
andit4@bandit:~/inhere$ cat ./-file07
rIWWI6bB37kxfiCQZqUd0IYfr6eEeqR
andit4@bandit:~/inhere$
```

5 -> 6: P4L4vucdmLnm8I7VI7jG1ApGSfjYKqJU

```
bandit5@bandit:~/inhere$ ls
maybehere00 maybehere03 maybehere06 maybehere09
                                                    mayb
            maybehere04 maybehere07 maybehere10
maybehere01
                                                    mayb
maybehere02 maybehere05 maybehere08 maybehere11
                                                    mayb
bandit5@bandit:~/inhere$ cd maybehere07
bandit5@bandit:~/inhere/maybehere07$ ls
-file1 -file2 -file3 spaces file1 spaces file2
                                                    spac
bandit5@bandit:~/inhere/maybehere07$ cat file2
cat: file2: No such file or directory
bandit5@bandit:~/inhere/maybehere07$ cat /.file2
cat: /.file2: No such file or directory
bandit5@bandit:~/inhere/maybehere07$ cd
bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ cat./maybehere07/.file2
-bash: cat./maybehere07/.file2: No such file or director
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
P4L4vucdmLnm8I7Vl7jG1ApGSfjYKqJU
```

6 -> 7: z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S

```
find: '/run/user/11000': Permission denied
find: '/run/sudo': Permission denied
find: '/run/screen/S-bandit24': Permission denied
find: '/run/screen/S-bandit0': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/multipath': Permission denied
find: '/run/cryptsetup': Permission denied
find: '/run/lvm': Permission denied
find: '/run/credentials/systemd-sysusers.service': Permission denied
find: '/run/systemd/propagate': Permission denied
find: '/run/systemd/unit-root': Permission denied
find: '/run/systemd/inaccessible/dir': Permission denied
find: '/run/lock/lvm': Permission denied
find: '/root': Permission denied
find: '/sys/kernel/tracing': Permission denied
find: '/sys/kernel/debug': Permission denied
find: '/sys/fs/pstore': Permission denied
find: '/sys/fs/bpf': Permission denied
find: '/sys/fs/cgroup/user.slice/user-11009.slice/user@11009.service': Permiss
bandit6@bandit:~$
::1
                                  ip6-allnodes
bandit.labs.overthewire.org
                                  ip6-allrouters
drifter.labs.overthewire.org
                                  ip6-localhost
                                  ip6-localnet
fe00::0
ff00::0
                                  ip6-loopback
ff02::1
                                  ip6-mcastprefix
ff02::2
                                  krypton.labs.overthewire.org
ff02::3
                                  localhost
formulaone.labs.overthewire.org wc2.wechall.net
ip6-allhosts
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S
bandit6@bandit:~$
```

7 -> 8: TESKZC0XvTetK0S9xNwm25STk5iWrBvP

```
oandit7@bandit:~$ du -b data.txt
4184396 data.txt
oandit7@bandit:~$
:: 1
                                  ip6-allnodes
                                  ip6-allrouters
pandit.labs.overthewire.org
drifter.labs.overthewire.org
                                  ip6-localhost
                                  ip6-localnet
Fe00::0
ff00::0
                                  ip6-loopback
ff02::1
                                  ip6-mcastprefix
                                  krypton.labs.overthewi
ff02::2
ff02::3
                                  localhost
ormulaone.labs.overthewire.org wc2.wechall.net
ip6-allhosts
oandit7@bandit:~$ cat data.txt | grep millionth
                TESKZC0XvTetK0S9xNwm25STk5iWrBvP
oandit7@bandit:~$
```

8 -> 9: EN632PlfYiZbn3PhVK3XOGSINInNE00t

```
bandit8@bandit:~$ ls
data.txt
bandit8@bandit:~$ sort data.txt | uniq -u
EN632PlfYiZbn3PhVK3XOGSlNInNE00t
bandit8@bandit:~$
```

9 -> 10: G7w8Lli6J3kTb8A7j9LgrywtEUlyyp6s

```
)vNw
UYKPT
fXqk{~
c)Gv
======== G7w8LIi6J3kTb8A7j9LgrywtEUlyy=p6s
} H\QXV
:$u5K@9M
```

10 -> 11: 6zPeziLdR2RKNdNYFNb6nVCKzphlXHBM

```
bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ base64 -d data.txt
The password is 6zPeziLdR2RKNdNYFNb6nVCKzphlXHBM [
bandit10@bandit:~$
```

11 - > 12: JVNBBFSmZwKKOP0XbFXOoW8chDz5yVRv

```
Gur cnffjbeq vf WIAOOSFzMjXXBC@KoSKBbJ8puQm5lIEi

bandit11@bandit:~$ cat data.txt | tr 'A-Za-z' 'N-ZA-Mn-za-m'

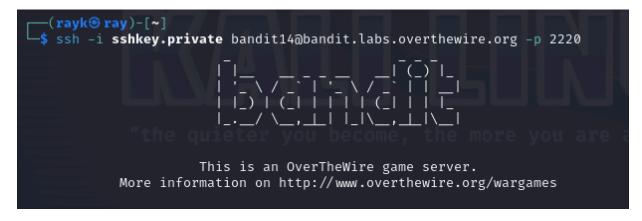
The password is JVNBBFSmZwKKOP0XbFXOoW8chDz5yVRv

bandit11@bandit:~$
```

12 -> 13: wbWdlBxEir4CaE8LaPhauuOo6pwRmrDw

```
00000010: 8c7f dfdc 5c80 40c0 eff7 e002 f1a3 8074
00000020: 21fe 0000 0800 1002 0000 7282 0400 8442
00000030: 0820 0094 0d4a 6c93 4018 8d19 1b53 4003
00000040: 3480 69a6 3246 41a4 a36a 6269 a308 d062
00000050: 310c 2646 9a62 069a 014f 06ae 7e20 4066
                                                   1.8F
00000060: 3804 081c da02 41d0 9201 830b e620 407b
00000070: 9ce1 0374 c522 313c b2ae c856 0e88 d766
00000080: 10aa 15b4 4317 1659 7002 776c 0e85 d504
00000090: 4bb4 582c 0c08 288c c166 1858 b7cd e44d
                                                   K.X.
                                                    ;.U^
000000a0: 3b87 555e 1268 a4d1 89a0 8272 0f89 3ea2
000000b0: 7140 de12 2979 c7a7 c32c d9ed 8b21 fa2a
                                                   ag ...
000000c0: a527 7694 a655 7d6c f5ac 3f57 5ba6 2020
                                                    .'v.
000000d0: 1fc5 dc91 4e14 2412 4442 a900
bandit12@bandit:/tmp/tmp.0i387vudnx$ bzip2 -d data6.bin
bzip2: Can't guess original name for data6.bin -- using
bandit12@bandit:/tmp/tmp.0i387vudnx$ tar -xf data6.bin.d
bandit12@bandit:/tmp/tmp.0i387vudnx$ xxd data8.bin
00000000: 1f8b 0808 2773 4564 0203 6461 7461 392e
00000010: 6269 6e00 0bc9 4855 2848 2c2e 2ecf 2f4a
                                                   bin.
00000020: 51c8 2c56 284f 0a4f c971 aa70 cd2c 3271
                                                   Q.,V
00000030: 4e74 b5f0 490c c848 2c2d f5cf 372b 280f
                                                   Nt ...
00000040: ca2d 7229 e702 00dc ec75 4731 0000 00
bandit12@bandit:/tmp/tmp.0i387vudnx$ mv data8.bin data8
bandit12@bandit:/tmp/tmp.0i387vudnx$ gzip -d data8.gz
bandit12@bandit:/tmp/tmp.0i387vudnx$ cat data8
The password is wbWdlBxEir4CaE8LaPhauuOo6pwRmrDw
bandit12@bandit:/tmp/tmp.0i387vudnx$
```

13->14: No Password



14->15:jN2kgmlXJ6fShzhT2avhotn4Zcka6tnt

```
fGrHPx402xGC7U7rXKDaxiWFT0iF0ENq
bandit14@bandit:~$ nc localhost 30000
fGrHPx402xGC7U7rXKDaxiWFT0iF0ENq
Correct!
jN2kgmIXJ6fShzhT2avhotn4Zcka6tnt
```

15 -> 16: JQttfApK4SeyHwDlI9SXGR50qclOAil1

```
File Actions Edit View Help
    0000 - d7 dd 4b 97 27 7c 72 7e-9b 7d c9 d0 e5 3f 77 1f
                                                               .. K. '|r~.} ...?
    0010 - a1 d8 ee 66 76 9e 55 04-fa fc b3 10 34 5d 8d 83
                                                               ... fv.U....4]
    0020 - 0b 41 29 fe 0d 23 3d a9-b9 1d 01 dc e1 a8 93 cf
                                                               .A) .. #= . . . . . .
    0030 - 4b 41 9b 4f 70 1d 2c c1-28 59 70 5f 1a 90 8a 09
                                                              KA.Op.,.(Yp_..
    0040 - f0 70 2b 5f 4f bc a0 93-fa b0 53 a4 03 9b 90 9b
                                                              .p+_0....S...
    0050 - de 82 71 50 bf f3 c0 75-c3 03 1f f1 1a fc 42 81
                                                               .. qP ... u . . . . .
    0060 - 90 ad 97 ad 29 b1 32 53-99 31 1f 87 18 90 99 ab
                                                               ....).2S.1....
    0070 - cb dc 11 81 ce f4 ca 8b-93 d6 3e 11 41 d3 3c 47
                                                               0080 - 6b bb fa 26 1c 63 b6 fd-01 72 24 8a 32 98 13 c9
                                                              k.. &.c ... r$.2
    0090 - 8f 80 2b 33 3c 91 3b 74-20 f3 00 b4 91 25 5d 2b
                                                               ..+3<.;t ....%
    00a0 - 3e 22 43 7e be 34 f2 e6-66 fa 7c c0 ce 1d 5c 05
                                                              >"C~.4..f.|...
    00b0 - 7f 3a b6 c0 09 9d 37 d1-c5 be 56 3a 17 c6 7b 65
                                                              .:....7 ... V: ..
    00c0 - d9 dd ae 9f 7d 5a 88 a7-07 78 d8 6d 53 4e 25 cf
                                                               ....}Z ... x.mSN
   Start Time: 1695520559
   Timeout : 7200 (sec)
   Verify return code: 10 (certificate has expired)
    Extended master secret: no
   Max Early Data: 0
read R BLOCK
jN2kgmIXJ6fShzhT2avhotn4Zcka6tnt
Correct!
JQttfApK4SeyHwDlI9SXGR50qclOAil1
closed
```

16 -> 17: