

Level 0 Password: bandit0

```
bandit1@bandit: ~
File Actions Edit View Help
(harshit@harshita) [~]
$ ssh bandit0@bandit.labs.overthewire.org -p 2220
[|_| \ / - - - - \ / ( ) | |
[|_| | ( ) | | | ( ) | |
[|_| / \ | | | | \ | |
This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames
bandit0@bandit.labs.overthewire.org's password:
[|_| \ / - - - - \ / ( ) | |
[|_| | ( ) | | | ( ) | |
[|_| / \ | | | | \ | |
```

Level 0 > Level 1 Password: NH2SXQwcBdpmTEzi3bvBHMM9H66vVXjL

Level 1 > Level 2 Password: rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi

```
harshitan@harshita:~
```

File Actions Edit View Help

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!

```
bandit1@bandit:~$ ls
```

```
-
```

```
bandit1@bandit:~$ cat < rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi
```

```
bandit1@bandit:~$ exit
```

logout

Connection to bandit.labs.overthewire.org closed.

```
(harshitan@harshita)-[~]
```

```
$ ssh bandit2@bandit.labs.overthewire.org -p 2220
```

[ASCII Art: A 4x4 grid of symbols representing a map or path.]

"the quieter you become, the more you are heard"

This is an OverTheWire game server.
More information on <http://www.overthewire.org/wargames>

bandit2@bandit.labs.overthewire.org's password:

[ASCII Art: A 4x4 grid of symbols representing a map or path.]

Level 2 > Level 3 Password: aBZ0W5EmUfAf7kHTQeOwd8bauFJ2lAiG

```
bandit3@bandit:~
```

File Actions Edit View Help

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!

```
bandit2@bandit:~$ ls
```

spaces in this filename

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

```
aBZ0W5EmUfAf7kHTQeOwd8bauFJ2lAiG
```

```
bandit2@bandit:~$ exit
```

logout

Connection to bandit.labs.overthewire.org closed.

```
(harshitan@harshita)-[~]
```

```
$ ssh bandit3@bandit.labs.overthewire.org -p 2220
```

[ASCII Art: A 4x4 grid of symbols representing a map or path.]

"the quieter you become, the more you are heard"

This is an OverTheWire game server.
More information on <http://www.overthewire.org/wargames>

bandit3@bandit.labs.overthewire.org's password:

[ASCII Art: A 4x4 grid of symbols representing a map or path.]

Level 3 > Level 4 Password: 2EW7BBSr6aMMoJ2HjW067dm8EgX26xNe

Level 4 > Level 5 Password: lrIWWI6bB37kxfiCQZqUdOIYfr6eEeqR



```
bandit5@bandit:~
```

File	Actions	Edit	View	Help
bandit5@bandit:~\$ ls				
inhere				
bandit4@bandit:~\$ cd inhere/				
bandit4@bandit:~/inhere\$ ls -la				
total 48				
drwxr-xr-x 2 root root 4096 Apr 23 18:04 .				
drwxr-xr-x 3 root root 4096 Apr 23 18:04 ..				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file00				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file01				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file02				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file03				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file04				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file05				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file06				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file07				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file08				
-rw-r--r-- 1 bandit5 bandit4 33 Apr 23 18:04 file09				
bandit4@bandit:~/inhere\$ file ./*				
./file00: data				
./file01: data				
./file02: data				
./file03: data				
./file04: data				
./file05: data				
./file06: data				
./file07: ASCII text				
./file08: ASCII text				
./file09: Non-ISO extended-ASCII text, with no line terminators				
bandit4@bandit:~/inhere\$ cat ./file07				
lrWtW6Bz37kfcqU0Yfr6eeEqR				
bandit4@bandit:~/inhere\$ exit				
logout				
Connection to bandit.labs.overthewire.org closed.				
[harshtan@harshtan ~]				
└─\$ ssh bandit5@bandit.labs.overthewire.org -p 2220				
bandit5@bandit:~\$				
This is an OverTheWire game server.				
More information on http://www.overthewire.org/wargames				
bandit5@bandit.labs.overthewire.org's password:				
				

Level 5 > Level 6 Password: P4L4vucdmLnm8I7Vl7jG1ApGSfjYKqJU

```
harshitan@harshita: ~
File Actions Edit View Help

bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ ls -la
total 88
drwxr-x-- 22 root bandit5 4096 Apr 23 18:04 .
drwxr-xr-x  3 root root   4096 Apr 23 18:04 ..
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere0
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere01
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere02
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere03
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere04
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere05
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere06
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere07
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere08
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere09
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere10
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere11
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere12
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere13
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere14
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere15
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere16
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere17
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere18
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 maybehere19
bandit5@bandit:~/inhere$ ls -la maybehere00
total 72
drwxr-x--  2 root bandit5 4096 Apr 23 18:04 .
drwxr-x-- 22 root bandit5 4096 Apr 23 18:04 ..
drwxr-x--  1 root bandit5 1039 Apr 23 18:04 .file1
-rw-r--r--  1 root bandit5 551 Apr 23 18:04 .file1
-rw-r--r--  1 root bandit5 9388 Apr 23 18:04 .file2
-rw-r--r--  1 root bandit5 7836 Apr 23 18:04 .file2
drwxr-x--  1 root bandit5 7378 Apr 23 18:04 .file3
-rw-r--r--  1 root bandit5 4802 Apr 23 18:04 .file3
drwxr-x--  1 root bandit5 6118 Apr 23 18:04 spaces file1
-rw-r--r--  1 root bandit5 6850 Apr 23 18:04 spaces file2
-rw-r--r--  1 root bandit5 1915 Apr 23 18:04 spaces file3
```

```
harshit@harshitash:~
```

File Actions Edit View Help

```
drwxr-x--- 22 root bandits 4096 Apr 23 18:04 ..
-rwxr-x--- 1 root bandits 2346 Apr 23 18:04 file1
-rwxr-x--- 1 root bandits 3201 Apr 23 18:04 file1
-rw-r----- 1 root bandits 5959 Apr 23 18:04 file2
-rw-r----- 1 root bandits 5917 Apr 23 18:04 file2
-rwxr-x--- 1 root bandits 2572 Apr 23 18:04 file3
-rwxr-x--- 1 root bandits 4585 Apr 23 18:04 file3
-rwxr-x--- 1 root bandits 880 Apr 23 18:04 spaces file1
-rw-r----- 1 root bandits 2420 Apr 23 18:04 spaces file2
-rwxr-x--- 1 root bandits 8585 Apr 23 18:04 spaces file3
bandit5@bandit:~/inhere$ ls -la maybehere06
total 64
drwxr-x--- 2 root bandits 4096 Apr 23 18:04 ..
drwxr-x--- 22 root bandits 4096 Apr 23 18:04 ..
-rwxr-x--- 1 root bandits 5710 Apr 23 18:04 file1
-rwxr-x--- 1 root bandits 5711 Apr 23 18:04 file1
-rw-r----- 1 root bandits 1076 Apr 23 18:04 file2
-rw-r----- 1 root bandits 8976 Apr 23 18:04 file2
-rwxr-x--- 1 root bandits 2443 Apr 23 18:04 file3
-rwxr-x--- 1 root bandits 2418 Apr 23 18:04 file3
-rwxr-x--- 1 root bandits 4073 Apr 23 18:04 spaces file1
-rw-r----- 1 root bandits 4251 Apr 23 18:04 spaces file2
-rwxr-x--- 1 root bandits 8065 Apr 23 18:04 spaces file3
bandit5@bandit:~/inhere$ ls -la maybehere07
total 56
drwxr-x--- 2 root bandits 4096 Apr 23 18:04 .
drwxr-x--- 22 root bandits 4096 Apr 23 18:04 ..
-rwxr-x--- 1 root bandits 3663 Apr 23 18:04 file1
-rwxr-x--- 1 root bandits 3065 Apr 23 18:04 file1
-rw-r----- 1 root bandits 2488 Apr 23 18:04 file2
-rw-r----- 1 root bandits 1033 Apr 23 18:04 file2
-rwxr-x--- 1 root bandits 3362 Apr 23 18:04 file3
-rwxr-x--- 1 root bandits 1997 Apr 23 18:04 file3
-rwxr-x--- 1 root bandits 4130 Apr 23 18:04 spaces file1
-rw-r----- 1 root bandits 9064 Apr 23 18:04 spaces file2
-rwxr-x--- 1 root bandits 1022 Apr 23 18:04 spaces file3
bandit5@bandit:~/inhere$ cat ./maybehere07/file2
cat: ./maybehere07/file2: No such file or directory
bandit5@bandit:~/inhere$ cat ./maybehere07/file2
P4L4vucdmLnm817V17jG1ApGfJyKqJU
```

```
bandit6@bandit: ~
File System
Home
ndit5@bandit:~/inhere$ exit
gout
nection to bandit.labs.overthewire.org closed.
harshitam@harshita: ~]
$ ssh bandite@bandit.labs.overthewire.org -p 2220
the quieter you become, the more
This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames
ndit6@bandit.labs.overthewire.org's password:
```

Level 6 > Level 7 Password: z7WtoNQU2XfjmMtWA8u5rN4vzqu4v99S

```
File Actions Edit View Help
ff02::1 ip6-localhost
ff02::2 ip6-localnet
bandit6@bandit:~$ ls
bandit6@bandit:~$ ls -a
. .. .bash_logout .bashrc .profile
bandit6@bandit:~$ find / -user bandit7 -group bandit6 -size 33c
find: '/var/log': Permission denied
find: '/var/crash': Permission denied
find: '/var/spool/rsyslog': Permission denied
find: '/var/spool/bandit24': Permission denied
find: '/var/spool/cron/crontabs': Permission denied
find: '/var/tmp': Permission denied
find: '/var/lib/polkit-1': Permission denied
[...]
/var/lib/dpkg/info/bandit7.password
find: '/var/lib/chrony': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/amazon': Permission denied
find: '/var/lib/update-notifier/package-data-downloads/partial': Permission denied
find: '/var/lib/snappy/void': Permission denied
find: '/var/lib/snappy/cookie': Permission denied
find: '/var/lib/ubuntu-advantage/apt-esm/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/private': Permission denied
find: '/var/snap/lxd/common/lxd': Permission denied
find: '/var/cache/ldconfig': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/pollinate': Permission denied
find: '/var/cache/private': Permission denied
find: '/var/cache/apparmor/a4dd844e.0': Permission denied
find: '/var/cache/apparmor/8eeb6286.0': Permission denied
find: '/drifter/drifter14_src/axTLS': Permission denied
find: '/home/bandit29-git': Permission denied
find: '/home/drifter6/data': Permission denied
find: '/home/bandit28-git': Permission denied
find: '/home/drifter8/chroot': Permission denied
find: '/home/ubuntu': Permission denied
find: '/home/bandits/inhere': Permission denied
find: '/home/bandit27-git': Permission denied
find: '/home/bandit30-git': Permission denied
find: '/home/bandit31-git': Permission denied
find: '/boot/efi': Permission denied
find: '/proc/tty/driver': Permission denied
```

```
[x] bandit7@bandit: ~
File Actions Edit View Help
find: '/run/user/11006/systemd/inaccessible/dir': Permission denied
find: '/run/user/11005': Permission denied
find: '/run/sudo': Permission denied
find: '/run/screen/S-bandit20': Permission denied
find: '/run/screen/S-bandit21': Permission denied
find: '/run/multipath': Permission denied
find: '/run/cryptsetup': Permission denied
find: '/run/lvm': Permission denied
find: '/run/credentials/systemd-susers.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/psstore': Permission denied
find: '/sys/fs/bpf': Permission denied
bandit6@bandit: ~$ cat var/lib/dpkg/info/bandit7.password
cat: var/lib/dpkg/info/bandit7.password: No such file or directory
bandit6@bandit: ~$ cat /var/lib/dpkg/info/bandit7.password
z7WtoNQU2XFjmmTWA8u5rN4vzqu4v995
bandit6@bandit: ~$ exit
logout
Connection to bandit.labs.overthewire.org closed.

[harshitan@harshita: ~]
$ ssh bandit7@bandit.labs.overthewire.org -p 2220
[!] _ _ / _ _ \ _ _ / _ _ [!] _ _ 
[!] [!] [!] [!] [!] [!] [!] [!]
[!] [!] [!] [!] [!] [!] [!] [!]
[!] [!] [!] [!] [!] [!] [!] [!]

This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames

bandit7@bandit.labs.overthewire.org's password:
```

Level 7 > Level 8 Password: TESKZC0XvTetK0S9xNwm25STk5iWrBvP

Level 8 > Level 9 Password: EN632PlfYiZbn3PhVK3XOGSlNInNE00t

```
bandit9@bandit:~$ ls
data.txt
bandit9@bandit:~$ cat data.txt
QW1BjJhuQoMj0lCD9XnrkTM1M94eIPMV
UkkKK1J0uvJG62d1TDFkBdPjptq2Sn7
ITQy9W1lsn3i6wzH29wvMLQjgPH91NP
JddNNH1O2SaQkPHrrCcl7yTzArusoNwrt
0dEK1x5dWtvc4yjrkGu30ecWBsDDa9
yvtL2C3>6iw7XoluShoSiavxFUCsRsfg
QbKoeYoUQUmF0VagIzw3F2Gmu15
1pRbcU2yMhGMRBAv65HhLyEauDjtzh
JddNNH1O2SaQkPHrrCcl7yTzArusoNwrt
EN632PlFy1ZbnPnVX3X0GSLnInN0e0t
TixXMHCJEvQoyLxZhdMDpmfxr7orEU
08Jd2vmb6fJr4ZxPteGhHmJmBAA000A5B
eRgm0TR1FqHwaSneu0xDIC7r2MzVeLMU
H06jDLvh1uQ9N30l0jHgmt1G34Gu5WM
eRgm0TR1FqHwaSneu0xDIC7r2MzVeLMU
3cTCUFeMT1FDAL0Z49RByfqJMRlxJ
08Jd2vmb6fJr4ZxPteGhHmJmBAA000A5B
XK6p6txXvHc0CSi7y5XtvKwpL4k4Tp
KzsSoDtDs9Q8qa3uRx7g60J293t3d
XHViq10LNUoJxSo1HtDu0K66tYJBY
12Fe3M2fsgREV1i7gsef1957F1va
w0DmKQw05xwirFv210Tnd/GzKnp1fN
FU75EMMtclai00bd1v7ADALW69gbIBXZ
9rQWtaPaCwYUmcR7DZsfJldzC1dk
yvtL2C3>6iw7XoluShoSiavxFUCsRsfg
ExoGdkaoT2jyPCuzDnRwWQz51CyhByt
wiwZ8UvdrBE36yjuluEcK3g7K10sQ2E2c
eRgm0TR1FqHwaSneu0xDIC7r2MzVeLMU
4a0tBppjXGIMoCycqirndl1a7JSsJzZAy
Uy1Ddzbl8hoD4yMPHzSPbtk0J98Kp0
eRgm0TR1FqHwaSneu0xDIC7r2MzVeLMU
WYU7r3ZV5F5NK3Wev5T7DAHAiryhZN
gByqAo56n9wcRFMcKUrGE6JDzo0koe8
1MuDr7bGGCpnFGeOxaIEdrA8h7L8Tk
vng8trbLZvXaws2e0yEND17vH978enVX
i4nyRlk5UsNce0xutOfeTvK7L0mv0iqc
```

Level 9 > Level 10 Password: G7w8Lli6J3kTb8A7j9LgrywtEULyyp6s

Level 10 > Level 11 Password: 6zPeziLdR2RKNdNYFNb6nVCKzpHlXHBM

```
bandit11@bandit: ~
File Actions Edit View Help
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!

bandit10@bandit:~$ ls
data.txt stem
bandit10@bandit:~$ cat data.txt
VGhlIHBlc3N3b3JkIGlzIDZ6UGV6aUxkJSS05kTl1GTmI2blZDS3pwaGxYSEJNCg==
bandit10@bandit:~$ base64 -d data.txt
The password is 6zPeziLdr2RKNdNYFNb6nVCKzphlXHBM
bandit10@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.

(harshit@harshita) -[~]
$ ssh bandit11@bandit.labs.overthewire.org -p 2220
              _/ \_ _/ \_ _/ \_ _/ \_ _/ \_
             |  |  |  |  |  |  |  |  |  |
             |  D  |  C  |  I  |  C  |  I  |
             |  _/ \_ ,  _/ \_ ,  _/ \_ ,  _/ \_
This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames
bandit11@bandit.labs.overthewire.org's password:

              _/ \_ _/ \_ _/ \_ _/ \_ _/ \_
             |  |  |  |  |  |  |  |  |
             |  D  |  C  |  I  |  C  |  I  |
             |  _/ \_ ,  _/ \_ ,  _/ \_ ,  _/ \_

```

Level 11 > Level 12 Password: JVNBBSmZwKKOP0XbFXOoW8chDz5yVRv

Level 12 > Level 13 Password: wbWdlBxEir4CaE8LaPhauuOo6pwRmrDw

```
bandit12@bandit:~$ cat data.txt
data1
bandit12@bandit:~$ ls
data1.txt
bandit12@bandit:~$ cat data1.txt
00000000: 1fb0 0808 2773 4564 0203 6461 7461 222e ...'sEd..data2.
00000010: 0269 6000 0145 02ba fd42 5a68 3931 4159 bin..BZh9lAV
00000020: 2653 597b 4f96 5f00 0018 ffff fd6f e7ed 65Y0_._.....
00000030: bff7 beff bff7 bff7 ffdf edff dedd dfff .....W
00000040: 0400 0004 3400 3310 a000 0680 0699 ...h.d4..A.....
00000050: 0000 69a8 0000 1a00 1a0d 0034 0034 03d6 ..1.....4,4.
00000060: 0000 d4e4 6831 6403 4469 4424 0000 3400 ...dhd..1'..4.
00000070: 0000 0000 0000 0000 0000 0000 0000 0000 ...J...4,4.
00000080: 4031 3119 0000 1a08 1374 C86d 4640 0060 811...n.4.mfa.
00000090: 0007 a80d 000d 0009 3340 0034 0341 a000 .....@.4.A..
000000a0: 0699 07a9 881e a010 d800 0834 04c3 4068 .....N4.C@h
000000b0: 6401 0000 0000 0000 0000 0000 0000 0000 ...0...F...
000000c0: 0001 f8e1 819e 1958 0751 0327 0400 0000 ...X...d.B.
000000d0: a147 6142 a67e 3603 4756 3ba0 9100 0e34 ...GbB..6..V....4
000000e0: 41fd 1247 6632 b380 0087 c8c8 b23e b6b2 A..Gf..... .
000000f0: 0000 0000 0000 0000 0000 0000 0000 0000 ...w.B...
00000100: 429d 4167 0000 0000 0000 0000 0000 0000 ...X...1..1.
00000110: b946 f69d 4473 8084 edc2 e010 0463 e5e2 F..Ds...>R
00000120: dd34 2244 08c8 5644 9314 9311 5056 e767 .4D..d...P..g
00000130: 9021 d087 85e0 9c62 d1c4 d4af 5e6d ..1...)...0"...
00000140: 0000 0000 0000 0000 0000 0000 0000 0000 ...F...K...
00000150: 789d 1bd8 299a 3290 5d9e 0511 K.....1..2+...
00000160: 6cad 205b edc4d5 4691 379a 5978 5bca l, [....F..Yxx.
00000170: 4846 44a0 3ba5 8939 4794 1f93 c588 1600 Hf...i...p.....
00000180: 0000 0000 0000 0000 0000 0000 0000 0000 ...w.PdfU.3
00000190: c3e5 53d8 0959 5f6d ac12 720d 0215 28d3 .S.V...1..1.
000001a0: b965 3188 0d32 0097 4156 0950 0d40 64f6 ..e1..AV.P.Id.
000001b0: da4a 2d05 4a46 5385 27c0 1e70 8100 5f31 J...Se...y..1
000001c0: 0000 0000 0000 0000 0000 0000 0000 0000 ...t...n..B...
000001d0: c10f 5d10 d11f 0946 77c9 e484 0000 5a6f ...1..fw.Z0
000001e0: 2c10 410b 4288 1486 0818 8afa 0cf8 bf87 ..A,B..... .
000001f0: ad34 3308 4077 6552 9849 3786 7d85 1f0d .43.@wR.17.)...
00000200: f2e7 1238 7639 11e6 f1e1 4830 7548 2562 ...89...Hj@K.
00000210: 70e4 24ff 1a69 0053 404c 0000 1231 a912 1\3...1.Kl...1.
00000220: 70e4 24ff 1a69 0053 404c 0000 1231 a912 1\3...1.Kl...1.
```

```
bandit13@bandit:~$ 
bandit13@bandit:~$ ls
bandit12@bandit:~$ cd xx
bandit12@bandit:~$ rm xx
bandit12@bandit:~$ mkdir /tmp/lv12
mkdir: cannot create directory '/tmp/lv12': File exists
bandit12@bandit:~$ cd /tmp/lv12
bandit12@bandit:~$ cat data1 | xz -r > /tmp/mashital12/data1
bandit12@bandit:~$ cd /tmp/mashital12
bandit12@bandit:~$ ls
data1
bandit12@bandit:/tmp/mashital12$ file data1
data1: gzip compressed data, was "data2.bin", last modified: Sun Apr 23 18:04:23 2023, max compression, from Unix, original size modulo 2^32 581
bandit12@bandit:/tmp/mashital12$ file data2.gz
bandit12@bandit:/tmp/mashital12$ file data2.gz
data2.gz: gzip compressed data, was "data2.bin", last modified: Sun Apr 23 18:04:23 2023, max compression, from Unix, original size modulo 2^32 581
bandit12@bandit:/tmp/mashital12$ zcat data2.gz > data3
bandit12@bandit:/tmp/mashital12$ file data3
data3: bzp2 compressed data, block size = 000k
bandit12@bandit:/tmp/mashital12$ mv data3 ./data3.bz
bandit12@bandit:/tmp/mashital12$ bzip2 data3.bz > data4
bandit12@bandit:/tmp/mashital12$ file data4
data4: gzip compressed data, was "data3.bz", last modified: Sun Apr 23 18:04:23 2023, max compression, from Unix, original size modulo 2^32 20480
bandit12@bandit:/tmp/mashital12$ zcat data4 > data5
bandit12@bandit:/tmp/mashital12$ file data5
data5: POSIX tar archive (GNU)
bandit12@bandit:/tmp/mashital12$ tar -xvf data5
tar: You must specify one of the '--Actrux' '--delete' or '--test-label' options
Try 'tar --help' or 'tar --usage' for more information.
bandit12@bandit:/tmp/mashital12$ tar -xvf data5
tar: You must specify one of the '--Actrux' '--delete' or '--test-label' options
Try 'tar --help' or 'tar --usage' for more information.
bandit12@bandit:/tmp/mashital12$ tar -xvf data5
tar: v: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
```

```
bandit13@bandit:~$ 
bandit13@bandit:~$ file data5
data5.bin
bandit13@bandit:~$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit13@bandit:~$ tar -xvf ./data5.bin
data6.bin
bandit13@bandit:~$ file data6.bin
data6.bin: bzp2 compressed data, block size = 000k
bandit13@bandit:~$ file data6.bz > data7
bandit13@bandit:~$ bzip2 data6.bz > data7
bandit13@bandit:~$ file data7
data7: POSIX tar archive (GNU)
bandit13@bandit:~$ tar -xvf ./data7
data8.bin
bandit13@bandit:~$ file data8.bin
data8.bin: gzip compressed data, was "data9.bin", last modified: Sun Apr 23 18:04:23 2023, max compression, from Unix, original size modulo 2^32 581
bandit13@bandit:~$ zcat data8.bin
The password is wbWdlBxEir4CaE8LaPhauuOo6pwRmrDw
bandit13@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.

[hasht1an@hasht1an: ~]
$ ssh bandit13@bandit.labs.overthewire.org -p 2220
[!] [!] [!] [!] [!] [!] [!] [!] [!] [!] [!] [!] you become, the more you are at
[!] [!] [!] [!] [!] [!] [!] [!] [!] [!] [!] [!]

This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames

bandit13@bandit.labs.overthewire.org's password:
```

Level 13 > Level 14 Password: ssh bandit14@bandit.labs.overthewire.org -p 2220 -i private.key

Level 14 > Level 15 Password: jN2kgmIXJ6fShzhT2avhotn4Zcka6tnt

```
bandit14@bandit:~$ ls
bandit14@bandit:~$ id
uid=11014(bandit14) gid=11014(bandit14) groups=11014(bandit14)
bandit14@bandit:~$ ls
bandit14@bandit:~$ nc localhost 30000
fGtHPx402xGC7U7rXKDaxiWFT0iF0ENq
Correct!
jN2kgmIXJ6fShzhT2avhotn4Zcka6tn
File System

bandit14@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.

(harshitan@harshita)-[~]
$ ssh bandit15@bandit.labs.overthewire.org -p 2220

This is an OverTheWire game server.
More information on http://www.overthewire.org/wargames

bandit15@bandit.labs.overthewire.org's password: pieter you will become, the more you are ab
Permission denied, please try again.
bandit15@bandit.labs.overthewire.org's password:


```

Level 15 > Level 16 Password: JQttfApK4SeyHwDlI9SXGR50qclOAi1

```
File Actions Edit View Help
Ncat: Input/output error.
bandit15@bandit:~$ man s_client
bandit15@bandit:~$ openssl s_client -connect localhost:30001
CONNECTED(00000003)
Can't use SSL_get_servername
depth=0 CN = localhost
verify error:num=18:self-signed certificate
verify return:1
depth=0 CN = localhost
verify error:num=10:certificate has expired
notAfter=Sep 23 10:08:37 2023 GMT
verify return:1
depth=0 CN = localhost
notAfter=Sep 23 10:08:37 2023 GMT
verify return:1
—
Certificate chain
 0 s:CN = localhost
    i:CN = localhost
      a:KEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA1
      v:NotBefore: Sep 23 10:07:37 2023 GMT; NotAfter: Sep 23 10:08:37 2023 GMT
—
Server certificate
-----BEGIN CERTIFICATE-----
MIIDCzCAfQAwIBAgIEUUMXZDANBgkqhkiG9w0BAQUFADAUERIwEAYDVQQLDA1s
b2NhbgHvz3QwhfcNMjMwOTizMTAwNz3WmCNMjMwOTizMTAwODM3WjAUMRIwEAYD
bWhfCnBhGhvz3QwggEIMAOgCSqGSIb3DQEBAQAA4IBdWAwggEKAoIBAQDe
chzLvvPiSmNgCDfzY41YyPje3a3vPo+Md/F57dp0bgwEOLS/g6ttCgQaYSMiHl
AxV1IElGpEOnxZg/P/vtNDQltsqw5X3HPje9uUsAcbJNhAiBz3Ob3dWVppyk
MVHunMxJc5FDIpvQo16FNEE8tZz4Ub0i8cBwB0tZucTWPtIoqZlavoryo76ihWX
mgWnQeCqmD8gEA/6eAM14t10gtSYi+u1BDk3wNOFCXTF6g1U0DubEA7Wp81kv1v
xeVW67qpQcm49CkZMaaoQDf19V7HWKCVJ/CFqzJUfnP667ptpuRy35diMwf
OEPpbpsAByg9T8pJy2bzAGmBAAGjZTBjMBoGA1UeQGNNMaUCWxx7fsa9gzbDBL
Bg1ghkgbhvCaQ0PhYQX0b21hdgljWxsse8nBwZ5lcmF0ZWQyngtMhNdc4g
U2VLIGH0hdBz0i8vb1hC5CvcmcvBnhC8uMA0GCSqGSIb3DQEBBQUA4IBAQAf
ogkuzP033J1V1QL5MpZ3bvvNVPSPqhuG/VcQvMF854JqNCsy68zn0p2lbx1
36agJz28Efklj5bpdBzNzWPjEc18DHXRsVrbTjVd0gbtaq9g3ZxeKMr5DMyA
55J+6+eWQJKb5Uzk/SErDCTyh+E+igdrB7yUtpJAYL6egQsyUhD00U8LJJB7+N
PXQjGx6hBwgW9wPzF/AISFgtw7hcCbsNCjC9i25K00ot3j9odTzWf+h+rMkc1d
FlivZjTeViR1KbzTGrqPcsPMN5r0Umss3E7v/yDkeTC6e1Hm+88X9V/Lxh
UWPot27R9EfhnZ2Ryuay
UTM
```

Level 16 > Level 17 Password: