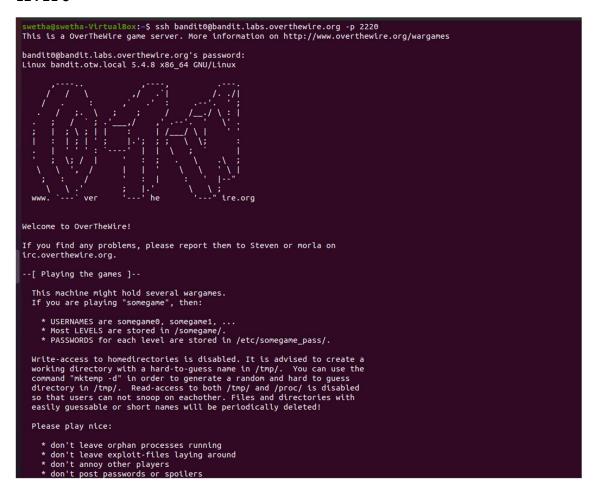
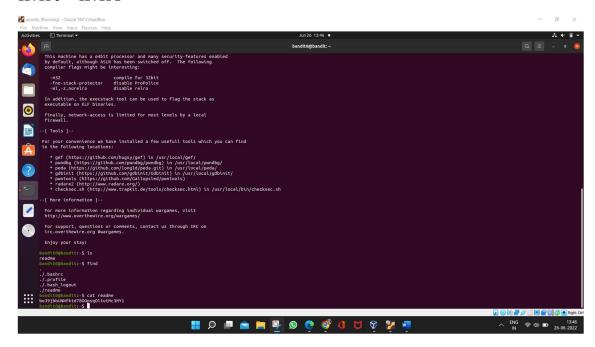
TASK 5

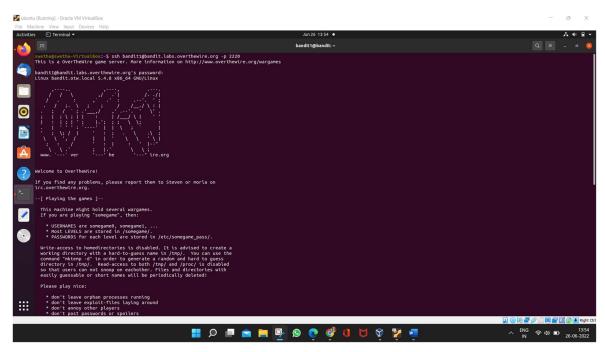
LEVEL 0



LEVEL 0 -> LEVEL 1



LEVEL 1 -> LEVEL 2



```
tn the following locations:

| The following locations: | The following locations | The followi
```

LEVEL 2 -> LEVEL 3

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

For support, questions or comments, contact us through IRC on irc.overthewire.org #wargames.

Enjoy your stay!

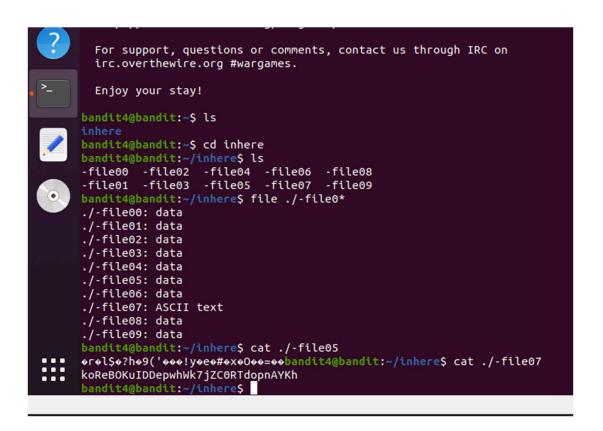
bandit2@bandit:~$ ls spaces in this filename bandit2@bandit:~$ cat "./spaces in the filename" cat: './spaces in the filename': No such file or directory bandit2@bandit:~$ cat "./spaces in this filename"

UmHadQclWmgdLOKQ3YNgjWxGoRMbSluK bandit2@bandit:~$
```

```
Enjoy your stay!

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

LEVEL 4 -> LEVEL 5



```
Enjoy your stay!
 bandit5@bandit:~S ls
 bandit5@bandit:~$ cd inhere
maybehere00 maybehere04 maybehere08 maybehere12 maybehere16
maybehere01 maybehere05 maybehere09 maybehere13 maybehere17
maybehere02 maybehere06 maybehere10 maybehere14 maybehere18
maybehere03 maybehere07 maybehere11 maybehere15 maybehere19
handitS@bandit:~/inhere$ cd maybehere05
banditS@bandit:~/inhere/maybehere05
banditS@bandit:~/inhere/maybehere05$ ls
-file1 -file2 -file3 spaces file1 spaces file2 spaces file3
 bandit5@bandit:~/inhere/maybehere05$ cat .file1
ScESG60210fJTUT0mJNnorSoNwf8lnkmauy5fYqMS4CsR64UUTqlU3wxasg0EKlSxXcnB2v9qjWGVXhsTVnTwQeP5kn58StQeHw4Vx0rx6ZejeCXDp2
eRYYVX4fXGdLFm0qd5mjSQl9Gtx6SmRszQRUByti82Ba4h6T7yaAtAv1Say7ZkCBB3ZCEf0TWgRxu29U7XSxvKaTrEDa1d3NRRJfAWwZpDeutIMn27L
7lG3HqzL50Luu8wZywmZov0bpihiyri85RTY2A7uq8ehzh9xTRvAComoNBTbFy3bXuD5z3FZSxiLKwv4ELMpjtVNY1BBybqIJMfDqEMYjMejUVPNfc0
oDIdvZyMJupz5bBNXWVAB4Ig5KzGTWHwCzZCNz1v01s7iynxyARUKivot2SuiPrfoc25S00UCPBzCCbiRz4WRXdvAQqdzRN14W0bEIv4nLHWS7ZDV
3ry1osiHn57yFcgIeK9D62QcM0sTWu5Cu2gSRUV5vXS5Lv90QCC2A0WE9aglZCJfu9lNepzP0j8wfV55PAn1dTOrZSsNT0BqjAQkxnGOh7KeklWklY8
sQOdr0K2sflAGKkZQUwTiftf5q3co8zEazA0d6X7fQ0zwfhiKme2cKMPXLryD0jl3opdluACYYlrnBTp9hwrstBlVG7ZZx6LnF3rInVWGxdnYJXGlP0
2MzsykDRbPKulnKbbdo0q0sQcysjPe2V9jB4L6R22XAhIUutNKZZ7oDlCmz8gsrCMdc77t1K9gFAOnGjghHZbUHYglCfnFf7QRXPHJYLuVwwQ12qUNL
PLgDHiDyOrcOYpMbybIZjgbkvTOydnCwTk4XgDNSIcXxbBkR4gsGf6U0gkM04VTlGldUe98fEMAgQHuPBRbIJt1xKAQKzDwQotIISdmpJ9ClGx6pfzE
Lf7LWK3BPSHjKqGKLU98LRDlMv9n0bhrdSMT5pBQZkWKiIuIOfDgk5Hqn8o7WeDLPUjDz6eopfGZ0fjMt98Jkjtmb5nbEPAfr5HavoodiKfdDjNURfX
v5JethFrL0ZpBpwTmAHMzvA0fxjVDskamWbb8Neg1c5lqg8xBrGXJzUE0DsgcE4pWymFTWqU3BSMfmxOaQmdHVwVLIC19Huuv9Tx77suyjdwm2PbA4ł
Hx51NuuH5nsyzFL5qqZ6o0cfGQxkpB9nN7QtFLPK88FpnpCuuctcsnAJMWyXi5CXUxQrwpVbK8i1Z4NKWvJwDt44i08i240LZb3xV8RTFJTMUnohlEv
HX3IF1809D7FmQJoxbISAarwXtJL20LSmtCYQ8KCTV0ETOyVBLLSGt3MuXQC6dXLnCk8Lx3gyrvQxtqo264aKvlK3iWiXk2C1VHgBYqFL2MA8tssreQ
D293rdhPSSYTeHz4vrnAnU0G70qd0yYRCUZWByTdtcOlbae3tDqbMgMyFb13awmmdUGyUkFD6dUwjseRkwdB78BwgBPwm3QngNsi2TBhwv70jxkKM2n
wZ24uvJUW0sVBSs6JkV0J25L05xDdA8XTn5xmo3F55wtpiGraG4qTr2Oc3NfWFaJsPUcDKUshCZ8y58ZqUsV0ZKZWpRQ704QkEtoRwyI2dfA1XnrklY
ZWcfbVNqZMObmy4mIt27RKEBR6YAx4RMwskTyH9kl4MksmHUfaGBhJIBICxaTLHCyzxyyZGA897F0du583jsMxt4pBV4qjYUUt7It9nwa6HfRnIw0qJ
DWIXBmsSQPdnBShtYcK8uNuoyN4PXVfnww1B9xCsPY2HXaEKa4bGvP9hepcYLunEfApvyRgCL7q9wff0AQhEHi4Kw8g9gyoqM0PGmTRp6iPW04mPSDW
                                              nhere/maybehere05$ cd
 bandit5@bandit:~S ls
 bandit5@bandit:~$ cd inhere
banditS@bandit:~/inhere$ find -tupe f -size 1033c ! -executable
find: unknown predicate `-tupe'
Try 'find --help' for more information.
                                         /inhere$ find -type f -size 1033c ! -executable
 ./maybehere07/.file2
 bandit5@bandit:~/inhere$ cd maybehere07
bandit5@bandit:~/inhere/maybehere07$ cat .file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

LEVEL 6 -> LEVEL 7

```
* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/ongld/peda.git) in /usr/local/peda/
* gdbinti (https://github.com/gdbinti/ddbinti) in /usr/local/gdbinit/
* pwntools (https://github.com/gdbinti/ddbinti) in /usr/local/gdbinit/
* pwntools (https://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

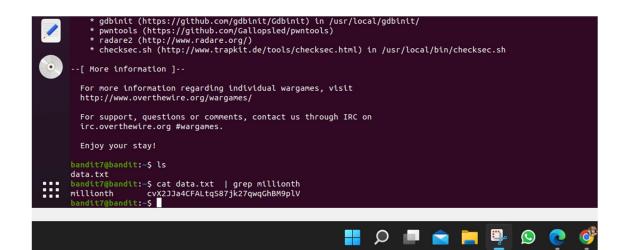
--[ More information ]--

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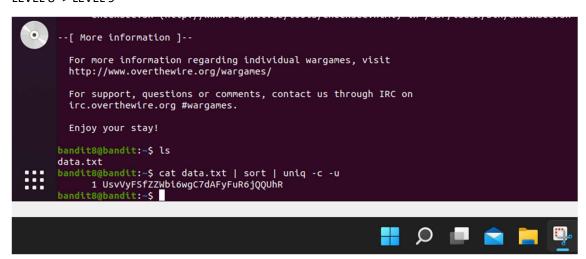
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.

Enjoy your stay!

bandit@bandit:-$ Is
bandit@bandit:-$ find / -user bandit7 -group bandit6 -size 33c 2>&1 | grep -F -v Permission | grep -F -v directory
//var/lib/dpkg/info/bandit7.password
bandit@bandit:-$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnlay4Fw76bEy8PVxKEDQRKTzs
bandit@bandit:-$
```



LEVEL 8 -> LEVEL 9



LEVEL 9 -> LEVEL 10

```
* pwntools (https://github.com/Gallopsled/pwntools)
  * radare2 (http://www.radare.org/)
  * checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
--[ More information ]--
For more information regarding individual wargames, visit
  http://www.overthewire.org/wargames/
For support, questions or comments, contact us through IRC on
  irc.overthewire.org #wargames.
  Enjoy your stay!

bandit9@bandit:~$ ls
data.txt
bandit9@bandit:~$ strings data.txt | grep ====
=========== the*2i"4
========== password
Z)======== is
&=================== truKLdjsbJSg7yyJ2X2R0o3a5HQJFuLk
bandit9@bandit:~$
```



LEVEL 10 -> LEVEL 11

```
For your convenience we have installed a few usefull tools which you can find in the following locations:

* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/longid/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gdbinit/Gdbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/gallopsled/pwntools)
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

--[ More information ]--

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Enjoy your stay!

banditiOgbandit:~$ ls
data.txt
banditiOgbandit:~$ cat data.txt | base64 --decode
The password is IFukwKGSFWBMOq3IRFqrxE1hxTNEbUPR
banditiOgbandit:~$
```

LEVEL 11 -> LEVEL 12

```
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/pwndbg/pwndbg) in /usr/local/peda/
* gdbinit (https://github.com/gdbint/dbint) in /usr/local/gdbinit/
* pwntools (https://github.com/gdbint/dbint) in /usr/local/gdbinit/
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
---[ More information ]--

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For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.

Enjoy your stay!

banditigbandit:-$ ls
data.txt
banditigbandit:-$ cat data.txt
Gur cnffjbeq vf 5Grsl4qetPEspkshtqjnRk8XSP6x2RHh
banditigbandit:-$ cat data.txt | tr '[A-Za-z]' '[N-ZA-Mn-za-m]'
The password is STe8Y4drgCRfCx8ugdwuEX8KFC6K2EUu
banditigbandit:-$ 1
```

LEVEL 12 -> LEVEL 13

```
/dev/stdin: empty
tar: Options '-[0-7][lmh]' not supported by *this* tar
Try 'tar --help' or 'tar --usage' for more information.
bandit12@bandit:/tmp/swetha\s zcat file.bin | bzcat | zcat | file -
/dev/stdin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/swetha\s zcat file.bin | bzcat | zcat | tar x0 | file -
tar: Options '-[0-7][lmh]' not supported by *this* tar
Try 'tar --help' or 'tar --usage' for more information.
/dev/stdin: empty
bandit12@bandit:/tmp/swetha\s zcat file.bin | bzcat | zcat | tar xo | file -
/dev/stdin: empty
bandit12@bandit:/tmp/swetha\s zcat file.bin | bzcat | zcat | tar x() | file -
-bash: syntax error near unexpected token `('
bandit12@bandit:/tmp/swetha\s zcat file.bin | bzcat | zcat | tar x0 | file -
/dev/stdin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/swetha\s zcat file.bin | bzcat | zcat | tar x0 | tar x0 | bzcat | tar x0 | zcat
The password is 8ZjyCRiBWFYKneahHwxCv3wb2a1ORpYL
bandit12@bandit:/tmp/swetha\s
```

LEVEL 13 -> LEVEL 14

```
For your convenience we have installed a few usefull tools which you can find in the following locations:

* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gdbinit/Gdbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)

* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

--[ More information ]--

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Enjoy your stay!

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

```
bandit14@bandit:~$ telnet localhost 30000
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
4wcYUJFw0k0XL5hlDzztnTBHiqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
Connection closed by foreign host.
bandit14@bandit:~$
```



LEVEL 15 -> LEVEL 16

