



# Task 7

---

KAIF AHMED R

[ More information ]--

For support, questions or comments, contact us through IRC on [irc.overthewire.org](https://irc.overthewire.org) #wargames.

Enjoy your stay!

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

boJ9jbbUNNfktd7800psq0ltutMc3MY1

```
bandit0@bandit:~$ ssh bandit1@bandit.labs.overthewire.org -p 2220
```

```
ssh: connect to host bandit.labs.overthewire.org port 2220: Connection timed out
```

```
bandit0@bandit:~$ exit
```

[logout](#)

Connection to bandit.labs.overthewire.org closed.

```
kaif@kaif:~$ ssh bandit1@bandit.labs.overthewire.org -p 2220
```

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

bandit1@bandit.labs.overthewire.org's password:

Permission denied, please try again.

bandit1@bandit.labs.overthewire.org's password:

```
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
```



This machine has a 64bit processor and many security-features enabled by default, although ASLR has been switched off. The following compiler flags might be interesting:

```
-m32          compile for 32bit
-fno-stack-protector  disable ProPolice
-Wl,-z,norelro  disable relro
```

In addition, the execstack tool can be used to flag the stack as executable on ELF binaries.

Finally, network-access is limited for most levels by a local firewall.

--[ Tools ]--

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!

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

```
-
```

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

```
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
```

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

```
logout
```

```
Connection to bandit.labs.overthewire.org closed.
```

```
kaif@kaif:~$ ^C
```

```
kaif@kaif:~$
```



--[ Tips ]--

This machine has a 64bit processor and many security-features enabled by default, although ASLR has been switched off. The following compiler flags might be interesting:

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Enjoy your stay!

bandit2@bandit:~\$ ls

spaces in this filename

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

UmHadQcLWmgdLOKQ3YNgjWxGoRmb5LuK

bandit2@bandit:~\$ exit

logout

Connection to bandit.labs.overthewire.org closed.

kaif@kaif:~\$

Finally, network-access is limited for most levels by a local firewall.

```
--[ Tools ]--
```

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```

```
--[ More information ]--
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Enjoy your stay!

```
bandit3@bandit:~$ ls
```

```
bandit3@bandit:~$ cat inheren
```

```
cat: inhere: Is a directory
```

```
bandit3@bandit:~$ cd inher
```

```
bandit3@bandit:~/inhere$ ls
```

```
bandit3@bandit:~/inhere$ la
bash: la: command not found
```

```
-bash: la: command not found
bandit3@bandit: ~/jshero$ ls
```

```
bandit3@bandit:~/inhere$ ls -al
total 12
```

```
total 12
drwxr-xr-x 2 root    root    4096 May  7 2020 .
drwxr-xr-x 3 root    root    4096 May  7 2020 ..
-rw-r----- 1 bandit4 bandit3   33 May  7 2020 .hidden
```

```
bandit3@bandit:~/inhere$ cat .hidden
```

pIwrPrtPN36QITSp3EQaw936yaFoFgAB

```
bandit3@bandit:~/inhere$ exit
```

[logout](#)

```
Connection to bandit.labs.overthewire.org closed.
```

```
kaif@kaif:~$
```



kaif@kaif: ~

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Enjoy your stay!

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\$ find . -type f | xargs file

./-file01: data  
./-file00: data  
./-file06: data  
./-file03: data  
./-file05: data  
./-file08: data  
./-file04: data  
./-file07: ASCII text  
./-file02: data  
./-file09: data

bandit4@bandit:~/inhere\$ man xargs

bandit4@bandit:~/inhere\$ cat ./-file07

koReBOKuIDDepwhWk7jZC0RTdopnAYKh

bandit4@bandit:~/inhere\$ exit

logout

Connection to bandit.labs.overthewire.org closed.

kaif@kaif:~\$

firewall.

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Enjoy your stay!

bandit5@bandit:~\$ ls

inhere

bandit5@bandit:~\$ cd inhere

bandit5@bandit:~/inhere\$ ls

maybehere00 maybehere03 maybehere06 maybehere09 maybehere12 maybehere15 maybehere18

maybehere01 maybehere04 maybehere07 maybehere10 maybehere13 maybehere16 maybehere19

maybehere02 maybehere05 maybehere08 maybehere11 maybehere14 maybehere17

bandit5@bandit:~/inhere\$ find . -type f -size 1033c ! -e

find: unknown predicate '-e'

Try 'find --help' for more information.

bandit5@bandit:~/inhere\$ find . -type f -size 1033c ! -executable

./maybehere07/.file2

bandit5@bandit:~/inhere\$ cat ./maybehere07/.file2

DXjZPULLxYr17uwoI01bNLQbtFemEgo7

bandit5@bandit:

~/inhere\$ ^C

bandit5@bandit:~/inhere\$ client\_loop: send disconnect: Broken pipe

kaif@kaif:~\$



```
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:~$ /var/lib/dpkg/info/bandit7.password
-bash: /var/lib/dpkg/info/bandit7.password: Permission denied
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
bandit6@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
kaif@kaif:~$
```



```
wrongheadedness's      gjfU53A1Bf0iitkMov3rlgbRHq6MIhiq
scrutinizes            Z76LPyf1l8HqhuJowIqY4ModCocDF0B9
refresher's            dtfQgdVItYRi4Ufx4iD5YE0IZrmKnDcu
earthlings             IhFcUS01RouQ8UG45WVUVsPDZkTr6wnJ
Hera's                 gAcRYahuux36Ac0jmG0gP4ulwKevvD3X
ferment's              DTTiALTv7wmDYZo4MSm97bJdCmNkw2P
Anouilh                MKKDDki6xvFcZsBxhWEXsfeMA00MoJaC
overabundance          ES9eqyfMh8uB03XqT0AR7EKGgyCQ1IFk
complement's           MCWy3WxEeWqckXZ5G4Sp950Y36L2F5fJ
grape                  g00pwTzt0lzUZ6sS3pijp0z709LAhPxu
Blaine                 k61r0I4u0D2PMEXLd2RDxQWIE8tACyst
canonization's         7ITrZvFVzsjujBHVlu4gfcHbw1gWQUcN
reserve                AH03PedgUR05aCaQVGVFQRgY2oR1SBYh
Zanuck                 30KRl0QjnCq5DyqNZepHAD6tCZbvjT1f
baritone               XSodKcCZa05ckkLyP4uXwrjIVaCzKcpq
lineman's              Gh8HTLmWxnXJxZF4DzhuiRpV8xejb6yw
aqua                   RkI4EWYAjHPMexRFTY9Rq7vQtjhiKgZw
swaddled               snDpr6ve7nuPsjBoTGLrmpOYomdhVzAH
garishness's           UbK1yZ2nC02GEjArLAsLw0bT8jg0p9rx
Benny's                QQkZrdiFs47KckVLi5lfsFqtLcRxyjvZ
regulated              sxJ8HT73fvZMMIicL50nhawcrsYGUiWP
knotting               vh268WJXw10Snszed9MVAHD4rTP69LZr
hymnals                7MqsN32lfDbPigtAX6cwFbMZcPAMUoae
Fremont                tCy02wC8xdpFqjLZ8xdBQYAHFZPHk7ls
punter's               zAfzaA1I0uBSamCR6eMmRoc9oNXPQ16a
junking                6TLr5K8YZ1d2Xsdku3TTFYXWB6WOMXyT
Aymara                 zSeUS0UyD8Q6a6YPwacLRBbk1x8kFBEC
waned                  gL59r6xvewh5y8t0mgiNtHtCUMG8S6Id
conceded               TWLUptX3HbwD4qsY0Q9sENOn0iNy79sC
kilned                 kLjrgoJvftIyUyotu0I4cxFcXQXbC6aS
Santayana              KKn1I4fuWdzKyvffp1aYrBDzQa3Tr3Pk
Antigua                dRyNiegAg00kCgrKVQFXMXS06vFARL55
heyday                 UAGwMlFzylGa4fHpQEelUQEZ5JlUpyX
praiseworthiness's    bJR80uGXM4dH7ip9hHB3mbFBMMwlnKNq
separatism             p2167YTCJseAv4YhLZNb2fs7JivLDLUW
plan                   PLz4ZXwX02fEe4oMd1I78wQXl4MIMxTf
confrontation          KLHScgMgzyBQYxBXkxsjKcQ2A5erDIjL
briquet's              aHc51xHj1t3ANF7jH26dd7mHWBfd8VKz
encapsulate            STOVYQEMWtFz54JtjJRrhDXgZcfVw8lS
wildfowls              PqcMofjmKj8NBv09exdu7FY2NG6WUMzb
Finland                xgXsIYgqUCMriMoT7W2dSwTG1DCvbRvU
bandit7@bandit:~$ strings data.txt | grep "millionth"
millionth              cvX2JJJa4CFALTqS87jk27qwqGhBM9pLV
bandit7@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
kaif@kaif:~$
```



```
10 l2LEcNjKqk8EB16IO3gHULnjoCTF1has
10 LfrBHfAh0pp9bgGAZP4QrVkut3pysAYC
10 Lg4vWwVEY7s0bG6BRiA35AHzo2gm6lHg
10 mpgNGRH628hTQxajScbagkxaPKklUhjn
10 mz0W32HQZi14kwrdeiQu01LCbya0tbiT
10 nJrb4MlpHMDtmFylFc1nlqmywgxDSoI
10 NLWvtQvL7EaqBNx2x4eznRlQ0NULlCYZ
10 N0dH1kFWibx4XnNaJoLFmghBn7oIs5hb
10 ojGabNG5NJ9ppKUBXGr8lwMRRS5GuiAS
10 OZ1wgx8bDI0vFOFx0QH32eMMcIPiIuPE
10 PfbMe4Xb3mw5mJmabIbKAXKCU7zynDHL
10 PQK0eIQwTw490Y8yobuxZAOL4cNmVo1D
10 PsdVQSeUUBPRZD58WWP00XLKxSgU3Rxx
10 ptb5ZW8TcgD3U6g0GCCn31xCDGIoQSEa
10 qaWwA00quC3yHnfJI4zvPWzCBdfHQ8wa
10 RMiSPoAvF7WhgIc0dSQR2r6Zx0DNS5UW
10 s1603Q2r4RPKqyoA8cspIRk0VdgEmFC3
10 SA05uWMMVCao2rzS8YRqUXh19Svndpu0L
10 SHMAMUEzQe4mV7SJpETTZFSyNRJsZE2k
10 si952kS1y6pt4AFenmm0oIp8n7W5d3bd
10 sYSokIATVvFUKU4sAHTtMarfjLZWWj5i
10 SzwgS2ADSjP6yp0zp2bIvdqNyusRtrHj
10 TKutQbeYnEzzYIne7BinoBx2bHFLBXzG
10 TThRardF2ZEXM047TIYkyPPLtvzzLcDf
10 tVW9iY1Ml0uHPK4usZnN8oZXbjRt2ATY
10 U0NYdD3wHZKpfEg9qGQOLJlMAJy6qxhs
10 UASW6CQwD6MRzftu6FAfyXBK0cVvnBLP
10 UJlCNvDNfGb3fcCj8PjJnAXHqUM63UyJ
10 UjsVbcqKeJqdCZQCDmkzv6A9X7hLbNE4
1 UsvVyFSfZZWbi6wgC7dAFyFuR6j0QUHR
10 UVnZvhiVQECraz5jl8U14sMVZQhjuXia
10 V2d9umHiuPLYLIDsuHj0fr0EmreCZMaA
10 v9zaxkVA0dI0LITZY2uoCtB1fX2gmly9
10 VkBAEWyiIbVkeURZV5mowIGg6i3m7Be0
10 w4zUWFGTUrAAh8lNks8GH3WK2zowBEKA
10 WBqr9xvf6mYTT5kLcTGGG6jb3ex94xWr
10 wJNwumEX58RUQTrufHMcIWz5Yx10GtTC
10 X1JH0Ukrb4KgugMXIzMMWIWvRkeZleTI
10 XyeJdbrUJyGtdGx8cXLQST0pwu5cvpcA
10 yo0HbSe2GM0jJNhrQLxwoPp7ayYEmRKY
10 ySvsTwLMgnUF0n86Fgm2TNjks0lrV72
10 Z90C6DQpppreChPhwRJJV9YYTtrxNVc0
10 zdd2ctVveR0GeiS2WE3TeLZMeL5jL7iM
```

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

```
logout
```

```
bandit.labs.overthewire.org closed.
```

```
kaif@kaif:~$
```



```
HRB+~@p+}+++Z+A:/pT+ KA+sCtY+++&+Z/1x+BoU+ej8z+?++++
33\wLnz+wS^+f}$++++F+d++:~?R+++X+(i2+E+n++@
D+I+i+loo'+++k;Z+/++++h++1r+)<[3XB(+<@G++++I+{_.++v+%+++G +++m0++++ö++!`+ ++L+.W++>+o+W++++v++
+++HD+1KOAN++++KQ+f,++7+bandit9@bandit:~$ strings data.txt | grep "-"
v"*-
-xnfv
-|38
'<0-
#|-l
9-q?9z
B-"q
{)Xiw-
\~A:
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:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
kaif@kaif:~$
```

```
bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkviVVBScg==
bandit10@bandit:~$ base
-bash: base: command not found
bandit10@bandit:~$ man base
No manual entry for base
bandit10@bandit:~$ man base64
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8M0q3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
kaif@kaif:~$
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```
-m32          compile for 32bit
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--[ More information ]--

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Enjoy your stay!

bandit11@bandit:~\$ ls

data.txt

bandit11@bandit:~\$ cat data.txt

Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHH

bandit11@bandit:~\$ cat data.txt | tr "\$(echo -n {A..Z} {a..z} | tr -d ' ')" "\$(echo -n {N..Z} {A..M} {n..z} {a..m} | tr -d ' ')"

The password is 5Te8Y4drgrCRfCx8ugdwuEX8KFC6k2EUu

bandit11@bandit:~\$ exit

logout

bandit.labs.overthewire.org closed.

kaif@kaif:~\$



```
bandit12@bandit:/tmp/file$ rm data.txt
bandit12@bandit:/tmp/file$ ls
data5.bin
bandit12@bandit:/tmp/file$ file file
file: cannot open 'file' (No such file or directory)
bandit12@bandit:/tmp/file$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/file$ mv dat5.bin data.tar
mv: cannot stat 'dat5.bin': No such file or directory
bandit12@bandit:/tmp/file$ mv data5.bin data.tar
bandit12@bandit:/tmp/file$ tar xf data.tar
bandit12@bandit:/tmp/file$ ls
data6.bin  data.tar
bandit12@bandit:/tmp/file$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/file$ mv data6.bin dat.bz2
bandit12@bandit:/tmp/file$ bzip -d data.bz2
-bash: bzip: command not found
bandit12@bandit:/tmp/file$ bzip2 -d data.bz2
bzip2: Can't open input file data.bz2: No such file or directory.
bandit12@bandit:/tmp/file$ bzip2 -d dat.bz2
bandit12@bandit:/tmp/file$ ls
dat  data.tar
bandit12@bandit:/tmp/file$ file dat
dat: POSIX tar archive (GNU)
bandit12@bandit:/tmp/file$ mv dat dat.tar
bandit12@bandit:/tmp/file$ ls
data.tar  dat.tar
bandit12@bandit:/tmp/file$ tar xf dat.tar
bandit12@bandit:/tmp/file$ ls
data8.bin  data.tar  dat.tar
bandit12@bandit:/tmp/file$ 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/file$ mv data8.bin d.gz
bandit12@bandit:/tmp/file$ gzip -d f.gz
gzip: f.gz: No such file or directory
bandit12@bandit:/tmp/file$ gzip -d d.gz
bandit12@bandit:/tmp/file$ ls
d  data.tar  dat.tar
bandit12@bandit:/tmp/file$ file d
d: ASCII text
bandit12@bandit:/tmp/file$ cat d
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL
bandit12@bandit:/tmp/file$ exit
logout
Connection to bandit.labs.overthewire.org closed.
kaif@kaif:~$
```



www. .... ver ..... he ..... " .... ire.org

Welcome to OverTheWire!

```
--[ Playing the games ]--
```

If you are playing "somegame", then:

- ```
* USERNAMES are somegame0, somegame1, ...
* Most LEVELS are stored in /somegame/.
* PASSWORDS for each level are stored in /etc/somegame pass/.
```

Write-access to homedirectories is disabled. It is advised to create a working directory with a hard-to-guess name in /tmp/. You can use the command "mktemp -d" in order to generate a random and hard to guess directory in /tmp/. Read-access to both /tmp/ and /proc/ is disabled





```
-m32          compile for 32bit
-fno-stack-protector  disable ProPolice
-Wl,-z,norelro  disable relro
```

In addition, the execstack tool can be used to flag the stack as executable on ELF binaries.

Finally, network-access is limited for most levels by a local firewall.

--[ Tools ]--

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 ]--

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

For support, questions or comments, contact us through IRC on [#wargames](irc://irc.overthewire.org).

Enjoy your stay!

```
bandit14@bandit:~$ cat etc/bandit_pass/bandit14
cat: etc/bandit_pass/bandit14: No such file or directory
```

```
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
```

```
4wcYUJFw0k0XLSHlDzztnTBHlqxU3b3e
```

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

```
4wcYUJFw0k0XLSHlDzztnTBHlqxU3b3e
```

```
Correct!
```

```
BfMYroe26WYalil77FoDi9qh59eK5xNr
```

```
bandit14@bandit:~$ exit
```

```
logout
```

```
Connection to localhost closed.
```

```
bandit13@bandit:~$ client_loop: send disconnect: Broken pipe
```

```
kaif@kaif:~$
```

--[ 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](irc://irc.overthewire.org) #wargames.

Enjoy your stay!

**bandit15@bandit:**~\$ cat /etc/bandit\_pass/bandit/

cat: /etc/bandit\_pass/bandit/: No such file or directory

**bandit15@bandit:**~\$ cat /etc/bandit\_pass/bandit15

BfMYroe26WYalil77FoDi9qh59eK5xNr

**bandit15@bandit:**~\$ man nc | grep ssl

**bandit15@bandit:**~\$ man nc

**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 certificates; these will also be used if available. Use --ssl-trustfile to give a

--ssl-cert certfile.pem (Specify SSL certificate)

--ssl-key.

--ssl-key keyfile.pem (Specify SSL private key)  
certificate named with --ssl-cert.

--ssl-trustfile cert.pem (List trusted certificates)

verification. It has no effect unless combined with --ssl-verify. The argument to this

--ssl-ciphers cipherlist (Specify SSL ciphersuites)

<http://www.openssl.org>

**bandit15@bandit:**~\$ ncat --ssl localhost 30001

BfMYroe26WYalil77FoDi9qh59eK5xNr

Correct!

cluFn7wTiGryunymY0u4RcfftSxQluehd

BfMYroe26WYalil77FoDi9qh59eK5xNr

Ncat: Input/output error.

**bandit15@bandit:**~\$ exit

logout

Connection to bandit.labs.overthewire.org closed.

**kaif@kaif:**~\$