

Cognizance Club

Task-7 Linux Games

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TASK:

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

Password given to connect bandit0@bandit.labs.overthewire.org : bandit0

Connected to bandit.labs.overthewire.org

```
Activities Terminal Mar 6 14:07
lokesh@Ubuntu: ~/Desktop
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

lokesh@Ubuntu:~/Desktop$ which ssh
/usr/bin/ssh
lokesh@Ubuntu:~/Desktop$ ssh bandit@bandit.labs.overthewire.org -p 2220
The authenticity of host '[bandit.labs.overthewire.org]:2220 ([176.9.9.172]:2220)' can't be established.
ECDSA key fingerprint is SHA256:98UL0ZWr85496EtCRKKlo20X30PnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no/[fingerprint])? bandityes
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '[bandit.labs.overthewire.org]:2220,[176.9.9.172]:2220' (ECDSA) to the list of known hosts.
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames

A bandit0@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

?
www. ver he ire.org

Welcome to OverTheWire!
If you find any problems, please report them to Steven or morla on
irc.overthewire.org.
--[ Playing the games ]--

This machine might hold several wargames.
If you are playing "somegame", then:
* USERNAMEs are somegame0, somegame1, ...


```

Password for bandit1@bandit.labs.overthewire.org :

boJ9jbbUNNfkt7800OpsqOltutMc3MY1

```
Activities Terminal Mar 6 14:07
bandit0@bandit: ~
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
irc.overthewire.org #wargames.

Enjoy your stay!

bandit0@bandit:~$ ls -al
total 24
drwxr-xr-x  2 root      root     4096 May  7  2020 .
drwxr-xr-x 41 root      root     4096 May  7  2020 ..
-rw-r--r--  1 root      root    220 May 15 2017 .bash_logout
-rw-r--r--  1 root      root   3526 May 15 2017 .bashrc
-rw-r--r--  1 root      root    675 May 15 2017 .profile
-rw-r----- 1 bandit1 bandit0   33 May  7  2020 readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfkt7800psqOltutMc3MY1
bandit0@bandit:~$ 
```

Password for bandit2@bandit.labs.overthewire.org :

CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

```
Activities Terminal Mar 6 14:17
bandit1@bandit: ~

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

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Enjoy your stay!

bandit1@bandit:~$ ls -al
total 24
-rw-r---- 1 bandit2 bandit1 33 May 7 2020 -
drwxr-xr-x 2 root root 4096 May 7 2020 .
drwxr-xr-x 41 root root 4096 May 7 2020 ..
-rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
-rw-r--r-- 1 root root 675 May 15 2017 .profile
bandit1@bandit:~$ cat ./
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$
```

Password for bandit3@bandit.labs.overthewire.org :

UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

```
Activities Terminal Mar 6 14:19
bandit2@bandit: ~

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 useful tools which you can find
in the following locations:

* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwendbg) in /usr/local/pwendbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gdbinit/Gdbinit) in /usr/local/gdbinit/
* pwnools (https://github.com/Gallopsled/pwnools)
* 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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irc.overthewire.org #wargames.

Enjoy your stay!

bandit2@bandit:~$ 
bandit2@bandit:~$ ls -al
total 24
drwxr-xr-x 2 root root 4096 May 7 2020 .
drwxr-xr-x 41 root root 4096 May 7 2020 ..
-rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
-rw-r--r-- 1 root root 675 May 15 2017 .profile
-rw-r----- 1 bandit3 bandit2 33 May 7 2020 spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
bandit2@bandit:~$
```

Password for bandit4@bandit.labs.overthewire.org :

plwrPrtPN36QITSp3EQaw936yaFoFgAB

```
Activities Terminal Mar 6 14:21
bandit3@bandit: ~/inhere
--[ 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
irc.overthewire.org #wargames.

Enjoy your stay!
bandit3@bandit:~$ ls -al
total 24
drwxr-xr-x 3 root root 4096 May  7 2020 .
drwxr-xr-x 41 root root 4096 May  7 2020 ..
-rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
drwxr-xr-x 2 root root 4096 May  7 2020 inhere
-rw-r--r-- 1 root root 675 May 15 2017 .profile
bandit3@bandit:~$ cd inhere/
bandit3@bandit:~/inhere$ ls -al
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
plwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$
```

Password for bandit5@bandit.labs.overthewire.org :

koReBOKuIDDepwhWk7jZCORTdopnAYKh

```
Activities Terminal Mar 6 14:47
bandit4@bandit: ~/inhere
irc.overthewire.org #wargames.
Enjoy your stay!
bandit4@bandit:~$ ls -al
total 24
drwxr-xr-x 3 root root 4096 May  7 2020 .
drwxr-xr-x 41 root root 4096 May  7 2020 ..
-rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
drwxr-xr-x 2 root root 4096 May  7 2020 inhere
-rw-r--r-- 1 root root 675 May 15 2017 .profile
bandit4@bandit:~$ cd inhere/
bandit4@bandit:~/inhere$ ls -al
total 48
drwxr-xr-x 2 root root 4096 May  7 2020 .
drwxr-xr-x 3 root root 4096 May  7 2020 ..
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file00
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file01
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file02
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file03
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file04
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file05
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file06
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file07
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./file08
-rw-r---- 1 bandit5 bandit4 33 May  7 2020 ./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$ cat ./file07
koReBOKuIDDepwhWk7jZCORTdopnAYKh
bandit4@bandit:~/inhere$
```

Password for bandit6@bandit.labs.overthewire.org :

DxjZPULLxYr17uw0l01bNLQbtFemEgo7

```
Activities Terminal Mar 6 14:56
bandit5@bandit: ~/inhere
drwxr-xr-x 41 root root 4096 May  7 2020 ..
-rw-r--r--  1 root root 220 May 15 2017 .bash_logout
-rw-r--r--  1 root root 3526 May 15 2017 .bashrc
drwxr-x--- 22 root bandit5 4096 May  7 2020 inhere
-rw-r--r--  1 root root 675 May 15 2017 .profile
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ ls -al
total 88
drwxr-x--- 22 root bandit5 4096 May  7 2020 .
drwxr-xr-x  3 root root 4096 May  7 2020 ..
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere00
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere01
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere02
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere03
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere04
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere05
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere06
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere07
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere08
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere09
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere10
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere11
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere12
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere13
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere14
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere15
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere16
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere17
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere18
drwxr-x---  2 root bandit5 4096 May  7 2020 maybehere19
bandit5@bandit:~/inhere$ find . -type f -size 1033c ! -executable | xargs file
./maybehere07/.file2: ASCII text, with very long lines
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
DxjZPULLxYr17uw0l01bNLQbtFemEgo7

bandit5@bandit:~/inhere$
```

Password for bandit7@bandit.labs.overthewire.org :

HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

```
Activities Terminal Mar 6 15:17
bandit6@bandit: ~
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-bandit1': 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 bandit8@bandit.labs.overthewire.org :

cvX2JJa4CFALTqS87jk27qwqGhBM9pIV

```
Activities Terminal Mar 6 15:29
bandit7@bandit: ~

earthlings IhFcUS01RouQ8UG45WUVVsPDZkTr6wnJ
Hera's gAcRYahuux36Ac0jm60nP4uLwKevvD3X
ferment's DTtIALT7wmDYzQo4MSm97bjdCmNkwP
Anouilh MKDDk6xvFczsBxhWExsfeMA00MoJaC
overabundance Es9eqyfmbu803xqT0AR7EKggyCQ1IFk
complement's MCWy3WxEeWqckXZ5GSp950Y36l2F5fJ
grape g0OpwTzt0lzUZ6sS3pijp0z709LhPxu
Blaine k61r0I4u0D2PMExL2RDxQWE8tAcyst
canonization's 7ITrZvFzsjujBHvlu4gfChBwlqWQUCn
reserve AH03PedgUR05aCaQVGVFQRgY2oR1SBYh
Zanuck 30KRl0Qjqnc5DydNZePHADtCzbVt1f
baritone XSodKccZa05ckLyP4uXwrijIVaCzkcpq
lineman's Gh8HTLmWxnXJxZf4DzhuiRpV8xejb6Y
aquas RkI4EWYAjHPMexRTFY9Rq7VtjhikgZw
swaddled snDpr6ve7nuPsjBoTGLrmP0YondhVzAh
garishness's UbkLyZnnC02GejArlASLw@bt8jg0p9rx
Benny's QQkZrdiFs47KckVLi5ifsFqtLcRxyjvZ
regulated sxJ8HT73fvZMMiicL50nhawcrsYGuivWP
knotting vh268WJXw105nszedMVAhD4rTP69Lzr
hymnals 7MqsN32lfdbPigtAX6cvFbMzcPAMUoae
Fremont tCy02wC8xdpFqjIZ8xdBQYAHFZPHK7ls
punter's zAfzaAI0uBSamCR6eMmRoc9oNXPQ16a
junking 6Tlr5k8YZ1ldXsdu3TTFYXwB6W0MXYT
Aymara zSei50Uy8DQ6a6TpwaClRBbk1x8kfBEc
waned gL59r6vewh5y8t0ngiNtHCUMG856Id
conceded TWLUptX3HbwD4qsY009sENo0iNy79sc
kilned KLjrgojvftIyUyotu0I4cxFcxOxb6as
Santayana KKni14fwDzKvffff1aYrBdzQa3Tr3PK
Antigua dRVNiegAg00KcgKVQFXMXS06vFArL55
heyday UA GwMLFzylGa4fHpoZFeiU0FZ5jlUpyx
praiseworthiness's bjRB0uGXMD4dH7ip9hHB3mbFBMMwLNKNq
separation p2167YTCjseAv4yhLZNbzfs7Ji1vLDLw
plan PLz4ZKwX02fEe4Md1I78wQXl4IMIxTf
confrontation KlHScgMzyBQYxBxkxssjkCQ2A5erDIjL
briquet's aHc51xHj1t3ANF7jh26dd7mHWBfd8Vkz
encapsulate STOVYQEWTFz54jtjJRrhDXgZcfVw8ls
wildfowls PqcMofjmkj8NbV09exdu7FY2NG6WJMzb
Finland xgXsIYgqUCMrMot7W2dSwTG1CvbRvU
bandit7@bandit: $ grep "millionth" data.txt
millionth cvX2JJa4CFALTqS87jk27qwqGhBM9pIV
bandit7@bandit: ~$
```

Password for bandit9@bandit.labs.overthewire.org :

UsvVyFSfZZWbi6wgC7dAFyFuR6jQUUhR

```
Activities Terminal Mar 6 15:33
bandit8@bandit: ~

tW9iY1M0uHPK4usZnN8oZxbjRt2ATY
10xitczY5Dz7UMoseKieFWszzQrylfw
7KaMznYMuEMISp9vuT3Dvsco6qfqaa9u
0x06DLyK5izRqEtBA7sw2SRmlAixwYSG
Lg4vWvEY7s0bG6BRia35AHzo2gM6lHg
07KC3ukwX7ksw18Le9ebb3H3sooNtsR2
RMiSPoAvF7WhgIc0dsQR2r6Zx0DNs5Uw
cIPbot7oYeveUPNxDMhv1hiri50CqpkTG
dqnvnxL4Qr3ALq95ckhZwep177CrGf4
hA60fhj75FPqgnCKEJ9g6plSKapxxmGC
Lg4vWvEY7s0bG6BRia35AHzo2gM6lHg
KrDVVORXLPfRhfnRmmuP30nVHVKDMSM8
UjICNvDNfgb3fcCj8PjnnAxHqM63Uyj
TThArdf2ZEM047TIYkyPLPtzzlCdF
g1Vkh2pk3cmr6aY4np1Dcpm0HF7G9IDT
UVnZvhvQECEraz5j18U14sMVZQhjuXia
XyeJdrJuyGtdGx8cXL0ST0pwu5cpcA
07KC3ukwX7ksw18Le9ebb3H3sooNtsR2
khecG2RCUnkhrgmq4UNB26NSF1yiUwL
WBqr9xvf6mYTTSkLctGG6jB3ex94xWr
LfrBHTAh0pP9bgGAZP40rVkul3pysAYC
qaWAA00quC3yHnfJI4zvPWzCBdfH08wa
f0tri5KLH5eiTU0z0ooqvxXTsr1ekqnU
PSdvQSeUUBPRZD58WP00XLKxsgu3RxX
K9D1CLsVcdkodgvJ1It1oHtaioY1h8hg
Bccau9Le8NU24HVLUwE8M1LWisPLG
WBqr9xvf6mYTTSkLctGG6jB3ex94xWr
iwE0KTeK08PwiqyjUnpu5ZYzeI08Pqb
qaWAA00quC3yHnfJI4zvPWzCBdfH08wa
0N65ZPpNGkJUjePzFxctCRZXVrCbUGfm
cR6riSWCOST7ALZ211e47r3gc0QxshGo
TKUtQbeYnEzzYIne7Bino8x2bHFLBXzG
8NtHznWzCA8HswoJSCU70jg8nP3ekpsA
Szws2ADSjP6yp0zp2b1vdqNyusRtrhj
5AdqWjoJOEdx5tJmZVBMo0K2e4arD3ZW
gqyF9CW3MNIIgW27AtWVNpq311fxTMY
flyKxcBh8uLTaIB5LXqNuJj3y00eh
w4zUWFGTUrAah8lNKS8gH3Wk2zowBEKA
bandit8@bandit: $ sort data.txt | uniq -u
UsvVyFSfZZWbi6wgC7dAFyFuR6jQUUhR
bandit8@bandit: ~$
```

Password for bandit10@bandit.labs.overthewire.org :

truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

```
Activities Terminal Mar 6 15:38
bandit9@bandit: ~
.p4Hv
)z>p
S=A.H&^
#hu#
"Cjy
0R@R_
-KW?
b#Nzx$b
Rlg#t]Z}
e790
JzV10
XEgp
2Q_d
z#\\
1qit
a'b~
bxBB\u$
8Zpc $F0xF[
ANYwPCpk
>_
XkjE
bhjs
P'uP
\`A:
sCTY
Z/ix+
ejbz
P"\`XZ
1KOa
bandit9@bandit:~$ 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:~$ 
```

Password for bandit11@bandit.labs.overthewire.org :

IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

```
Activities Terminal Mar 6 15:40
bandit10@bandit: ~
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!

bandit10@bandit:~$ ls -al
total 24
drwxr-xr-x  2 root      root      4096 May  7  2020 .
drwxr-xr-x  41 root      root      4096 May  7  2020 ..
-rw-r--r--  1 root      root     220 May 15 2017 .bash_logout
-rw-r--r--  1 root      root    3526 May 15 2017 .bashrc
-rw-r----- 1 bandit11 bandit10   69 May  7  2020 data.txt
-rw-r--r--  1 root      root     675 May 15 2017 .profile
bandit10@bandit:~$ file data.txt
data.txt: ASCII text
bandit10@bandit:~$ cat data.txt
VGhlIHBlc3N3b3JkIGlzIElgdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSGg==
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$ 
```

Password for bandit12@bandit.labs.overthewire.org :

5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

```
Activities Terminal Mar 6 15:53
bandit11@bandit: ~

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!

bandit11@bandit:~$ ls -al
total 24
drwxr-xr-x  2 root      root      4096 May  7  2020 .
drwxr-xr-x  41 root      root      4096 May  7  2020 ..
-rw-r--r--  1 root      root     220 May 15 2017 .bash_logout
-rw-r--r--  1 root      root    3526 May 15 2017 .bashrc
-rw-r----- 1 bandit12 bandit11  49 May  7  2020 data.txt
-rw-r--r--  1 root      root     675 May 15 2017 .profile
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 bandit13@bandit.labs.overthewire.org :

8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

```
Activities Terminal Mar 6 16:22
bandit12@bandit: /tmp/lokesh

data.txt task
bandit12@bandit:~/tmp/lokesh$ file task
task: POSIX tar archive (GNU)
bandit12@bandit:~/tmp/lokesh$ mv task task.tar
bandit12@bandit:~/tmp/lokesh$ tar -xf task.tar
bandit12@bandit:~/tmp/lokesh$ ls
data5.bin data.txt task.tar
bandit12@bandit:~/tmp/lokesh$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:~/tmp/lokesh$ mv data5.bin data5.tar
bandit12@bandit:~/tmp/lokesh$ tar -xf data5.tar
bandit12@bandit:~/tmp/lokesh$ ls
data5.tar data6.bin data.txt task.tar
bandit12@bandit:~/tmp/lokesh$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:~/tmp/lokesh$ mv data6.bin data6.bz2
bandit12@bandit:~/tmp/lokesh$ bzip2 -d data6.bz2
bandit12@bandit:~/tmp/lokesh$ ls
data5.tar data6 data.txt task.tar
bandit12@bandit:~/tmp/lokesh$ file data6
data6: POSIX tar archive (GNU)
bandit12@bandit:~/tmp/lokesh$ mv data6 data6.tar
bandit12@bandit:~/tmp/lokesh$ tar -xf data6.tar
bandit12@bandit:~/tmp/lokesh$ ls
data5.tar data6.tar data8 bin data.txt task.tar
bandit12@bandit:~/tmp/lokesh$ file data8.bin
data8.bin: gzip compressed data, was "data8.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:~/tmp/lokesh$ mv data8.bin data8.gzip
bandit12@bandit:~/tmp/lokesh$ gzip -d data8.gzip
gzip: data8.gzip: unknown suffix -- ignored
bandit12@bandit:~/tmp/lokesh$ ls
data5.tar data6.tar data8.gzip data.txt task.tar
bandit12@bandit:~/tmp/lokesh$ mv data8.gzip data8.gz
bandit12@bandit:~/tmp/lokesh$ gzip -d data8.gz
bandit12@bandit:~/tmp/lokesh$ ls
data5.tar data6.tar data8 data.txt task.tar
bandit12@bandit:~/tmp/lokesh$ file data8
data8: ASCII text
bandit12@bandit:~/tmp/lokesh$ cat data8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL
bandit12@bandit:~/tmp/lokesh$ 
```

Private SSH key given for bandit14@bandit.labs.overthewire.org : sshkey.private

```
Activities Terminal Mar 6 16:33
bandit14@bandit:~
```

The terminal window shows the contents of the file `sshkey.private`. The key is a standard RSA private key, starting with -----BEGIN RSA PRIVATE KEY----- and ending with -----END RSA PRIVATE KEY-----.

```
bandit14@bandit:~$ cat sshkey.private
-----BEGIN RSA PRIVATE KEY-----
MIIEpIBAAQCAQEaxkkOE83W2COTIW9aPaaQmQDdgzuXcv+ppZHa++buSkN+
gg0cr7Fw8NLGq5+Uzec2rEg0WmeevB13AIoyp0MZYETq46t+jk9puNzWlIt9xgb
ZufGtZEwBbFw/vVLNwOBx4UWStGRWzPpEeSv5Tb1VjLZIBdGphIKK2Amz6zb
ThMsIhNyJafEWj/T8PQ03myS91vUHEuoOMaZoUID4Kn0MEZ3+XahyK0HJvg6KsV
ObefxG1vvA3GAJ29kxJaqrVrfqYngZryWN7w3CHjNU4c/2Jkp+nBLO5nxnaNA+WA7
jipTF0is8uZMLY04llzh/8/MvhCOF8r2dwdIAQABoIBAQc6dwBjhjyE0zjeA
J3j/RWmap9M5zfj/wb2bfidNpwB8rsJ4sZIDZQ7Xuih4LfgyoAQS+bBw3RxvxE
pvjt3Smu8hIdulScjL1vnbY5p7Bju8g8AR/3FyjyhNaqx/TLfzLYf0u7i9jet67
xAh0tONG/u8FB513LAIZVp60viwvdWeC4n0xcthdpuPKNL8rmMMVRTKQ+T2VS
nXmwYckUkcUgozvSpInza50zUDyppdy2+rRH3M0a5kqN1YKjvF8RC47wo0YCKtsD
o3FpGNFec91aa3Msy+df0QhiHKZFK113bjD0NtrVvtYK40/yeu4az/HADQzwhe
oliAfEHaoGBAOvJios8knsbLk+n4IEwPx8s0mhPnTDUy5WGrpScrX0msVIBuf
la3ZGLx3xC1wtCnEuc89DwN2HZkupc/hhTKUYLqXuyLD8njTrbRhgC90krks
M1F2fSTxVqPtZdLMwjNR04xHA/fKh8bXXyTMq0HNJTHHNhbh3McduRjaoGBANKU
1hqfnw7+xNch9bjysrlZwbqOE5nd8AfgtwakuGTVX2NsU0nCMWdOp+wFak40JH
PKWkJndBg+ex0h9JN0sTK3x5PBMAS8afX0GRkeuwKWA6erytVTqj0fLYcdp5+2zs
8DVTCxDuVsM+i4X8UqIG0lvGbtkEVokHPFP1q/dAo6AcHg5vX7WEehCgCYTzp0+
xySX8cm2q56xuZ3mQwAxUkh7NGZhve0sy910dAnzKw7mUUFviaCMR/t54w1
GC83s0s7m5j8x3nd08xfit7dt9a245Tva0Y07KqmmpSg/SckCw4c3eiLava+j
3btnejSI+82Xg9Xj1PRpkwUcgAY7z6Li00KxxNeX3ghXcnHok855maUj5fJnpPbY
idkyZ8ySF8GlcFsKy8Yw6fwCqfG3zDrhJ519JmEsBh7SadKwsZhveCqs9t4vby
9/8X4jSOP81bfCS4nBP+d781kkkg5ZSMohXB0RA7VWx+AcohCDEkprs+o32xeD
qT1EvOKBq0Okm8vs2ByvSuVs96jTilCajFqLj0eYy2PaY6t+Gv/UVFApV4c+s0
KAwpXbv5tbkkzb50eaLPTKgLzavXtQoTtkwvripoLHK1HUz6Wu+n4abfAIRFub0dN
/+aLoRQ0yBRBbdXMsZn/jvY44eM+xRldRVyMmdPtP8belRi2E2aEzA=-
-----END RSA PRIVATE KEY-----
bandit14@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 SHA256:98UL6ZWr85496EtCRkklo20X30PnyPSB5tB5RPbhczc.
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
```

Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux

Password for bandit14@bandit.labs.overthewire.org :

4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e

```
Activities Terminal Mar 6 16:34
bandit14@bandit:~
```

The terminal window shows the password for bandit14, which is `4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e`.

```
bandit14@bandit:~$ ls -al
total 24
drwxr-xr-x 3 root root 4096 May  7 2020 .
drwxr-xr-x 41 root root 4096 May  7 2020 ..
-rw-r--r--  1 root root  220 May 15 2017 .bash_logout
-rw-r--r--  1 root root 3526 May 15 2017 .bashrc
-rw-r--r--  1 root root  675 May 15 2017 .profile
drwxr-xr-x  2 root root 4096 May  7 2020 .ssh
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$
```

Password for bandit15@bandit.labs.overthewire.org : (obtained by submitting the previous password to local host 30000)

BfMYroe26WYalil77FoDi9qh59eK5xNr

```
Activities Terminal Mar 6 16:37
bandit14@bandit: ~

firewall.

--[ Tools ]--

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* 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/
* pwnools (https://github.com/Gallopsled/pwnools)
* 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 -al
total 24
drwxr-xr-x 3 root root 4096 May  7  2020 .
drwxr-xr-x 41 root root 4096 May  7  2020 ..
-rw-r--r--  1 root root 220 May 15 2017 .bash_logout
-rw-r--r--  1 root root 3526 May 15 2017 .bashrc
-rw-r--r--  1 root root 675 May 15 2017 .profile
drwxr-xr-x  2 root root 4096 May  7  2020 .ssh
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$ nc localhost 30000
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
bandit14@bandit:~$ 
```

Connected to bandit15@bandit.labs.overthewire.org :

```
Activities Terminal Mar 6 16:38
bandit15@bandit: ~

--[ 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:

-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:

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* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
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* radare2 (http://www.radare.org/)
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Enjoy your stay!

bandit15@bandit:~$ 
```