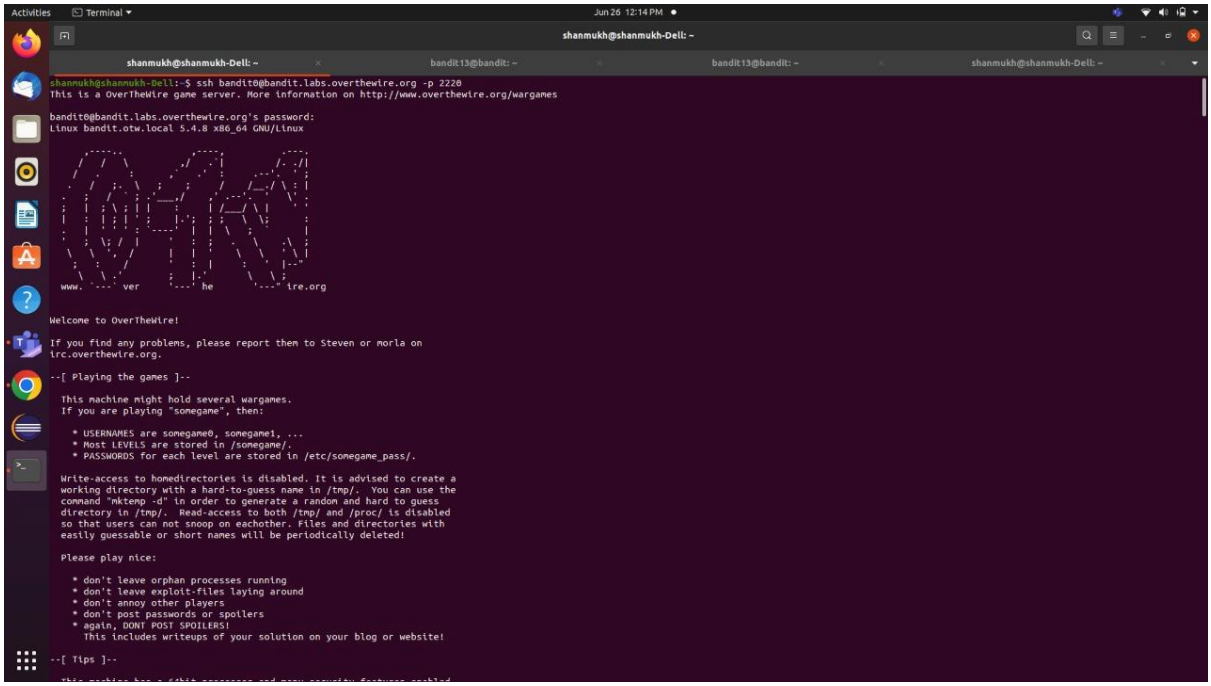
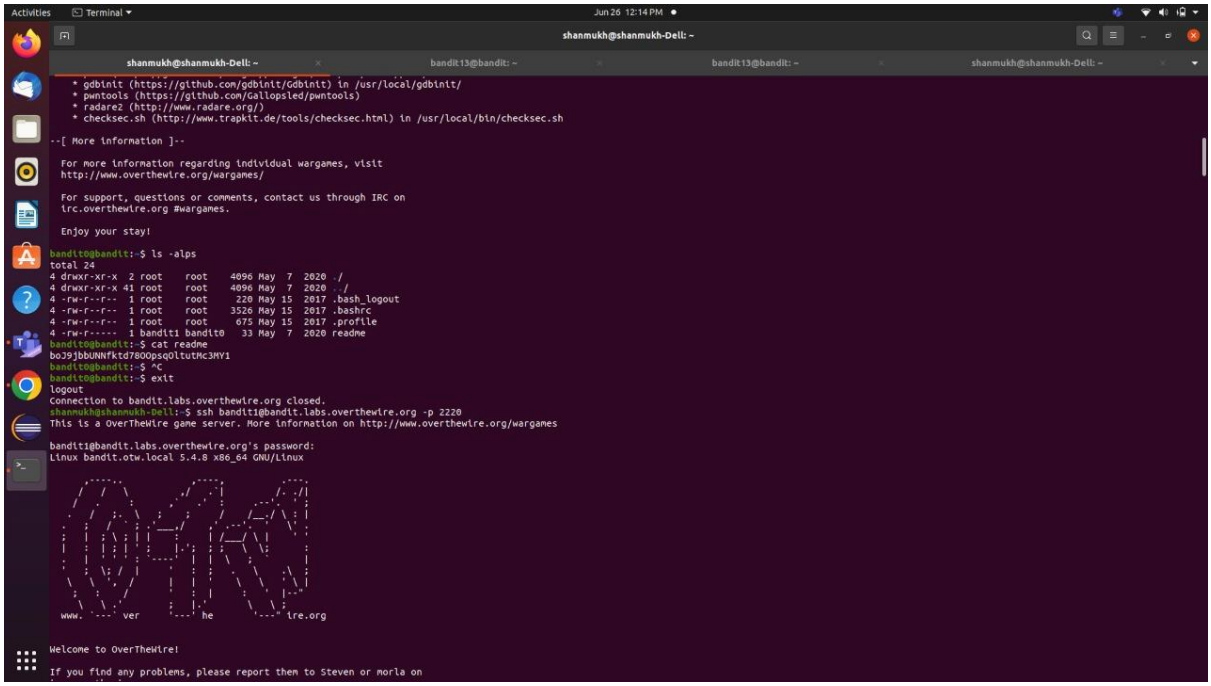
TASK – 5

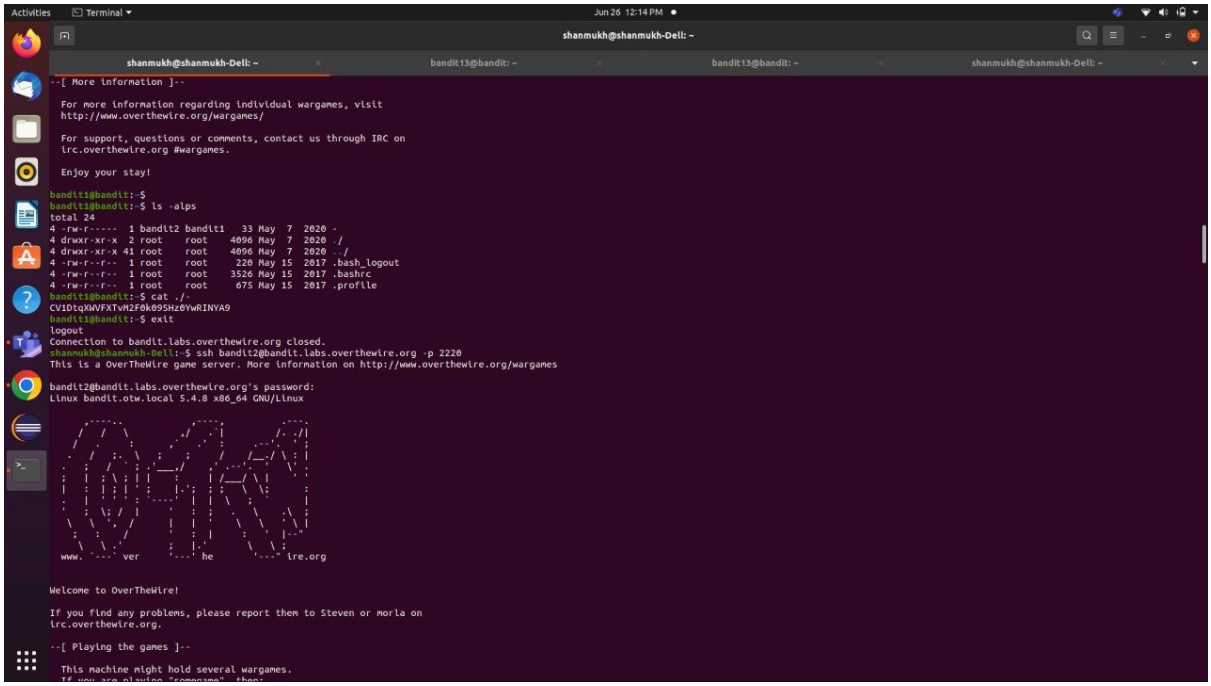
NAME: PHANI SHANMUKH

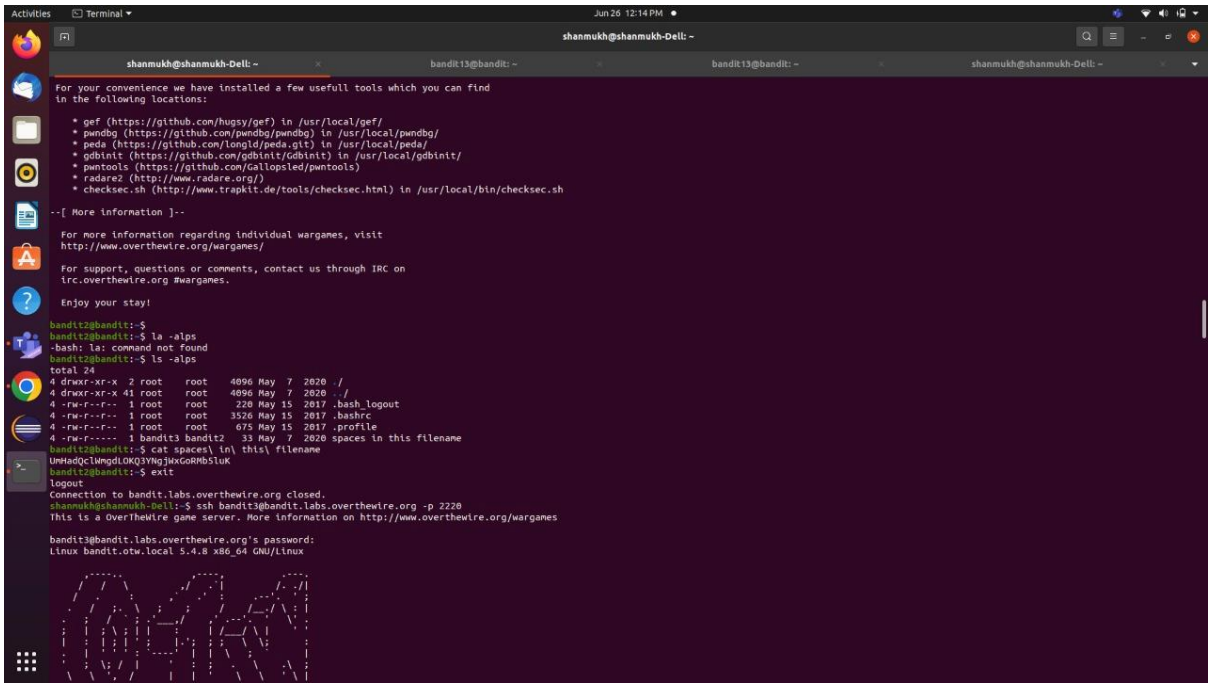
ROLL: ch.en.u4aie20040

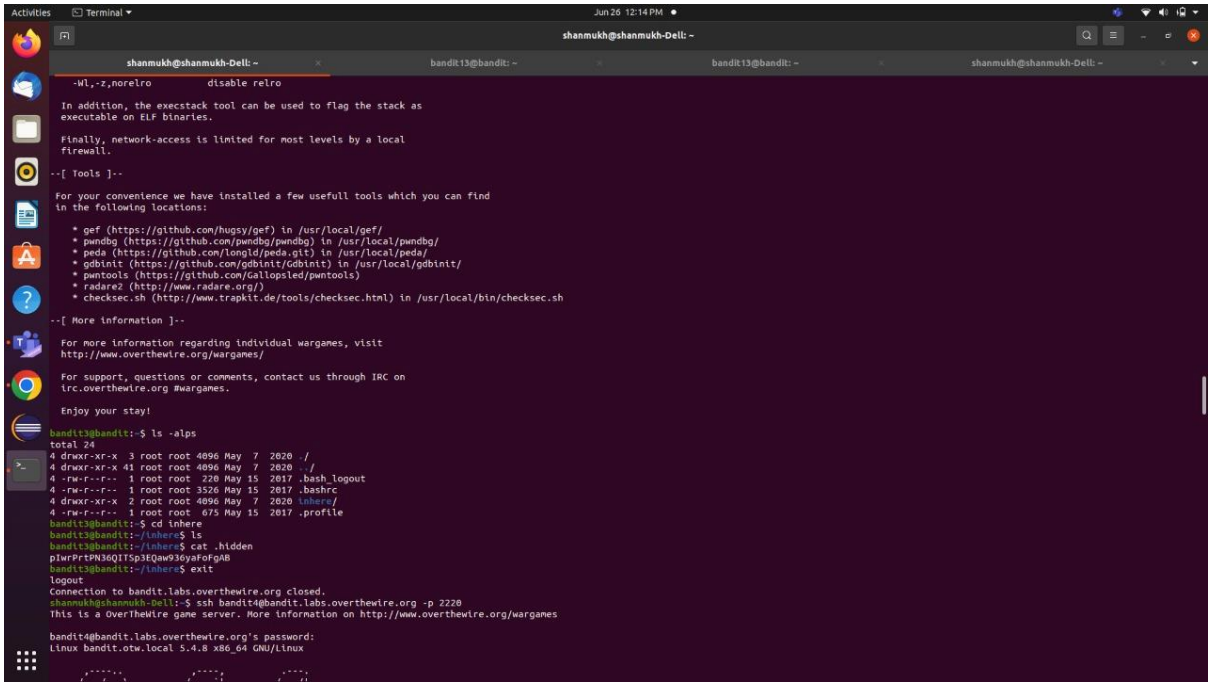
Bandit war game :

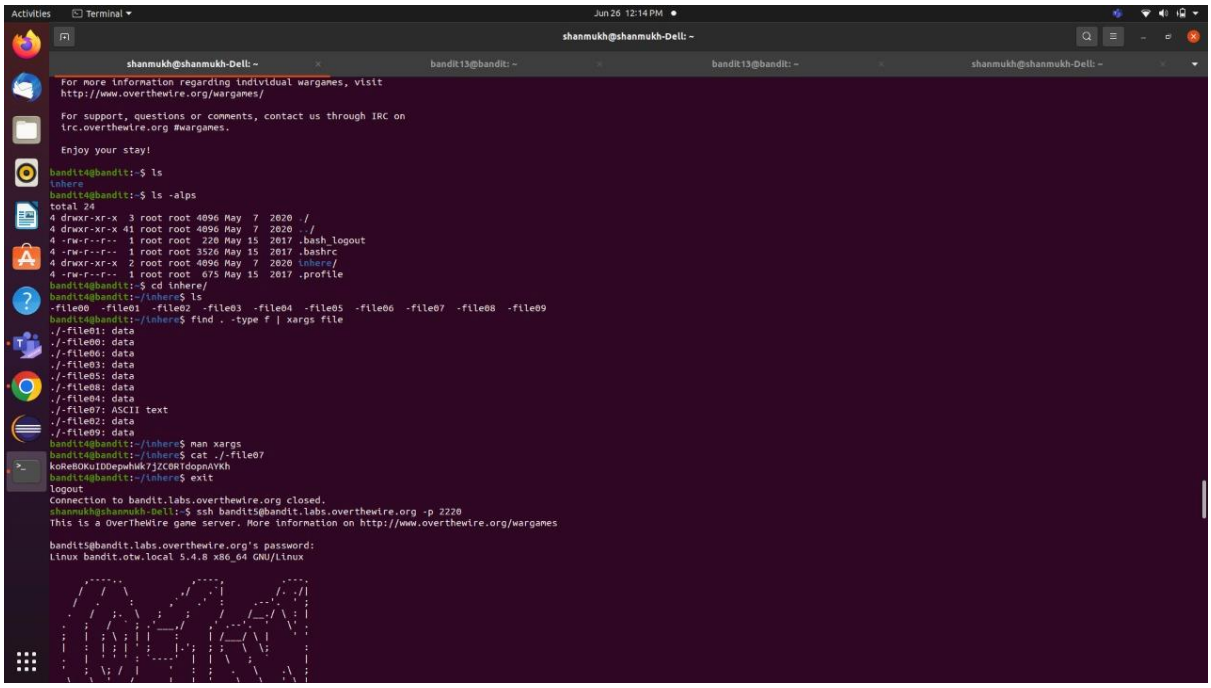





Activities
Terminal
Jun 26 12:14 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
--[More information]--
For more information regarding individual wargames, visit
http://www.overthewire.org/wargames/
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit1@bandit:~$
bandit1@bandit:~$ ls -alps
total 24
4 -rw-r----- 1 bandit2 bandit1   33 May 7 2020 -
4 drwxr-xr-x 2 root   root   4096 May 7 2020 ./
4 drwxr-xr-x 41 root   root   4096 May 7 2020 ../
4 -rw-r--r-- 1 root   root   220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root   root   3526 May 15 2017 .bashrc
4 -rw-r--r-- 1 root   root   675 May 15 2017 .profile
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit2@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit2@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
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.


Activities
Terminal
Jun 26 12:14 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
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!
bandit2@bandit:~$
bandit2@bandit:~$ la -alps
-bash: la: command not found
bandit2@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 2 root   root   4096 May 7 2020 ./
4 drwxr-xr-x 41 root   root   4096 May 7 2020 ../
4 -rw-r--r-- 1 root   root   220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root   root   3526 May 15 2017 .bashrc
4 -rw-r--r-- 1 root   root   675 May 15 2017 .profile
4 -rw-r----- 1 bandit3 bandit2   33 May 7 2020 spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK
bandit2@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit3@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit3@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


Activities
Terminal
Jun 26 12:14 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
-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
irc.overthewire.org #wargames.
Enjoy your stay!
bandit3@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 3 root root 4096 May 7 2020 ./
4 drwxr-xr-x 41 root root 4096 May 7 2020 ../
4 -rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
4 drwxr-xr-x 2 root root 4096 May 7 2020 inhere/
4 -rw-r--r-- 1 root root 675 May 15 2017 .profile
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtPN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit4@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit4@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


Activities
Terminal
Jun 26 12:14 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
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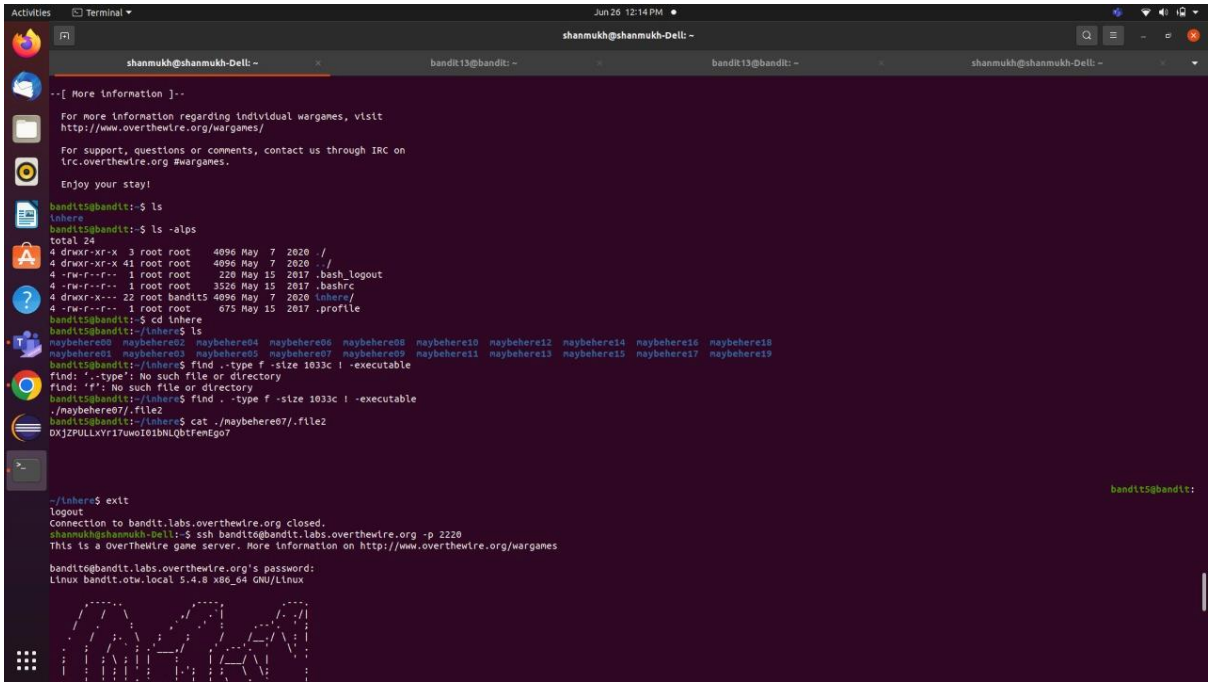
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit4@bandit:~$ ls
inhere
bandit4@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 3 root root 4096 May 7 2020 ./
4 drwxr-xr-x 41 root root 4096 May 7 2020 ../
4 -rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
4 drwxr-xr-x 2 root root 4096 May 7 2020 inhere/
4 -rw-r--r-- 1 root root 675 May 15 2017 .profile
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.
shanmukh@shanmukh-Dell:~$ ssh bandit5@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit5@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


Activities
Terminal
Jun 26 12:14 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
--[More information]--
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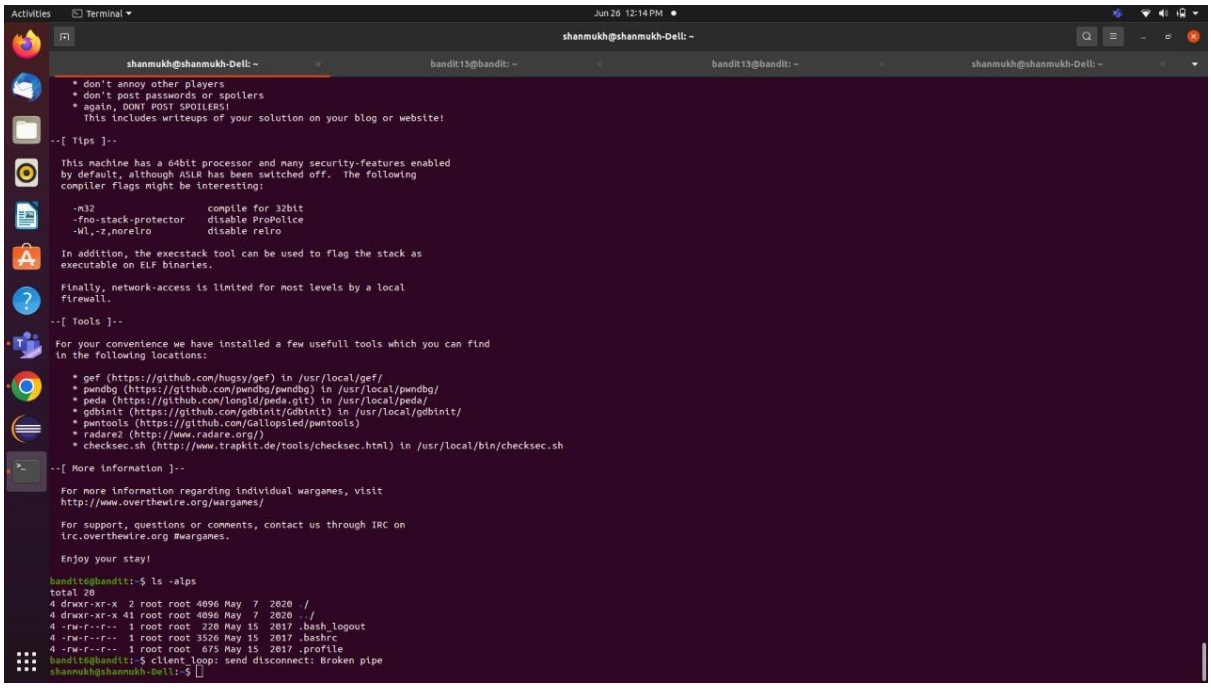
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit5@bandit:~$ ls
inhere
bandit5@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 3 root root   4096 May 7 2020 ./
4 drwxr-xr-x 41 root root   4096 May 7 2020 ../
4 -rw-r--r-- 1 root root   220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root root   3526 May 15 2017 .bashrc
4 drwxr-x--- 22 root bandit5 4096 May 7 2020 inhere/
4 -rw-r--r-- 1 root root   675 May 15 2017 .profile
bandit5@bandit:~$ cd inhere
bandit5@bandit:~/inhere$ ls
maybehere00 maybehere02 maybehere04 maybehere06 maybehere08 maybehere10 maybehere12 maybehere14 maybehere16 maybehere18
maybehere01 maybehere03 maybehere05 maybehere07 maybehere09 maybehere11 maybehere13 maybehere15 maybehere17 maybehere19
bandit5@bandit:~/inhere$ find .-type f -size 1033c ! -executable
find: ‘.-type’: No such file or directory
find: ‘f’: No such file or directory
bandit5@bandit:~/inhere$ find . -type f -size 1033c ! -executable
./maybehere07/.file2
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
bandit5@bandit:
~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit6@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit6@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


Activities
Terminal
Jun 26 12:14 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
* don't annoy other players
* don't post passwords or spoilers
* again, DONT POST SPOILERS!
This includes writeups of your solution on your blog or website!
--[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/
* 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
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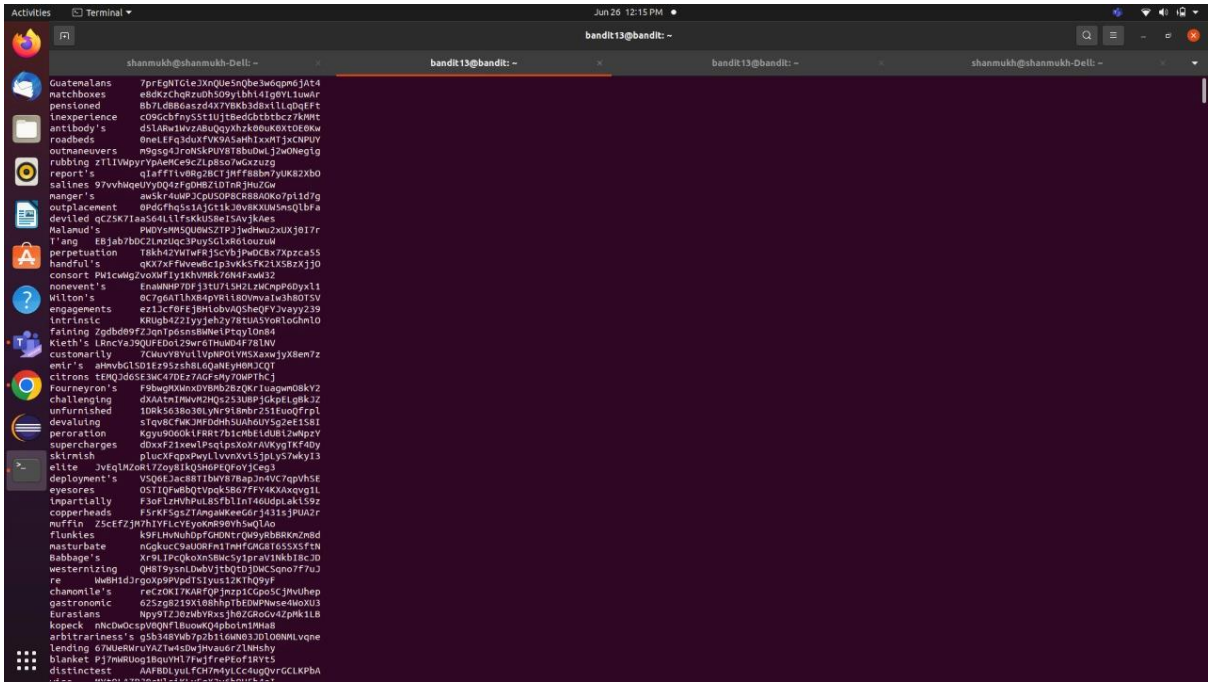
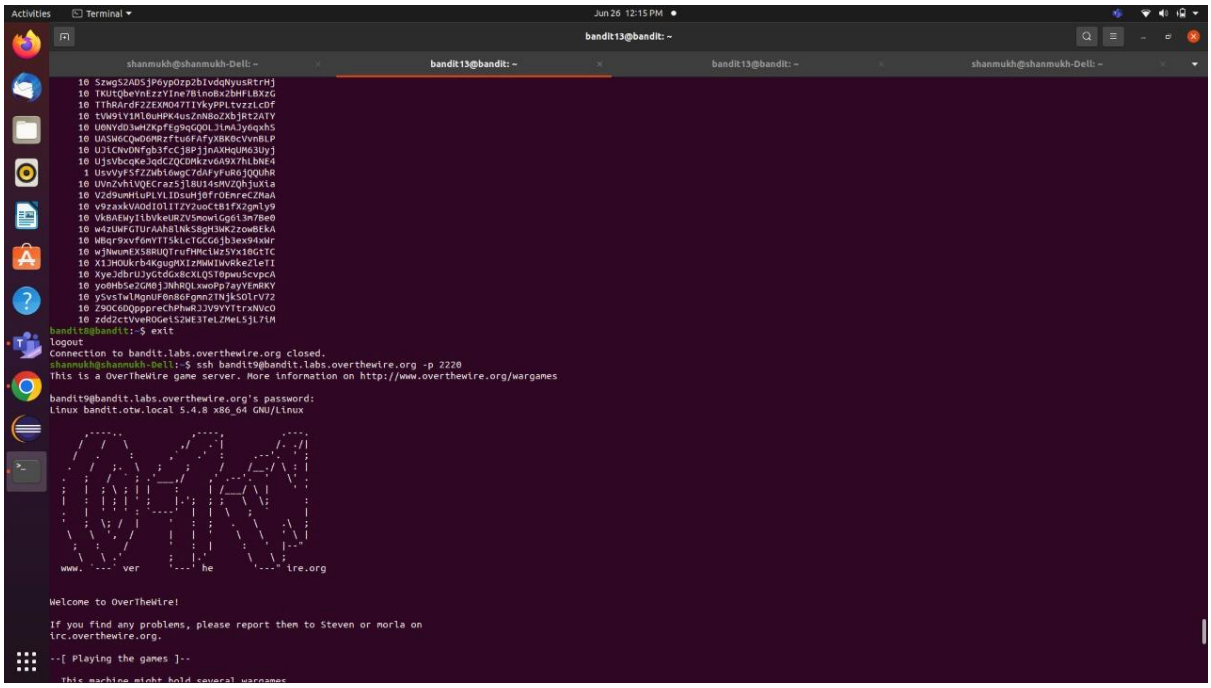
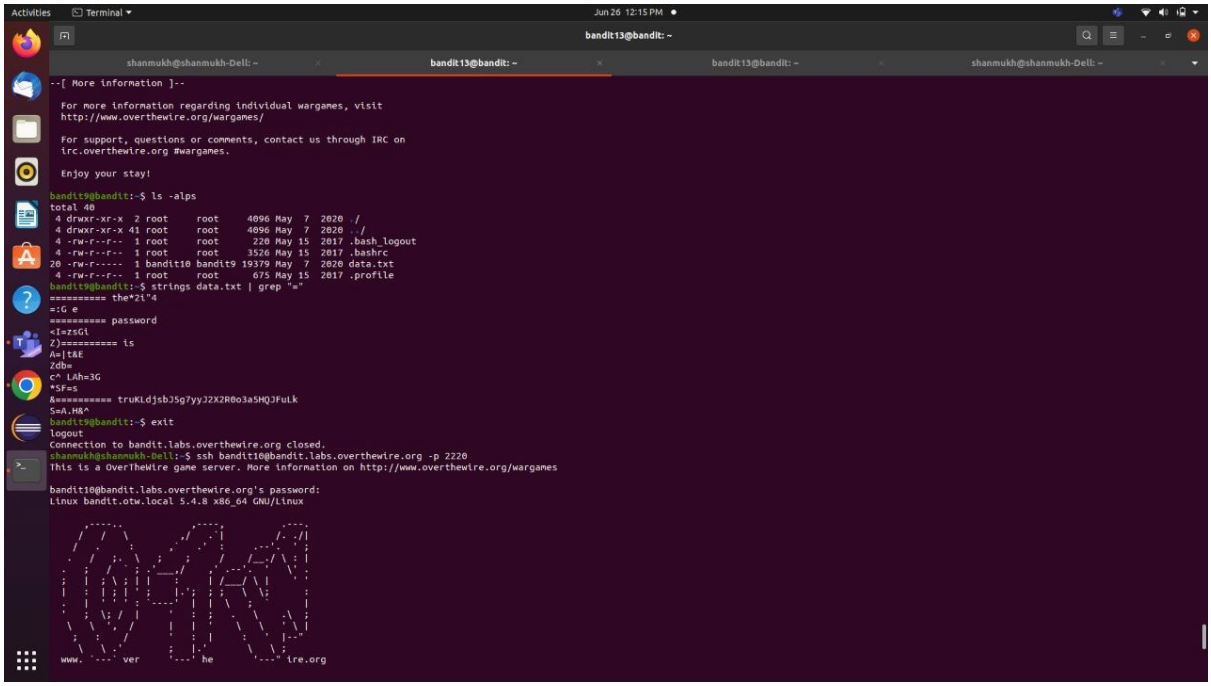
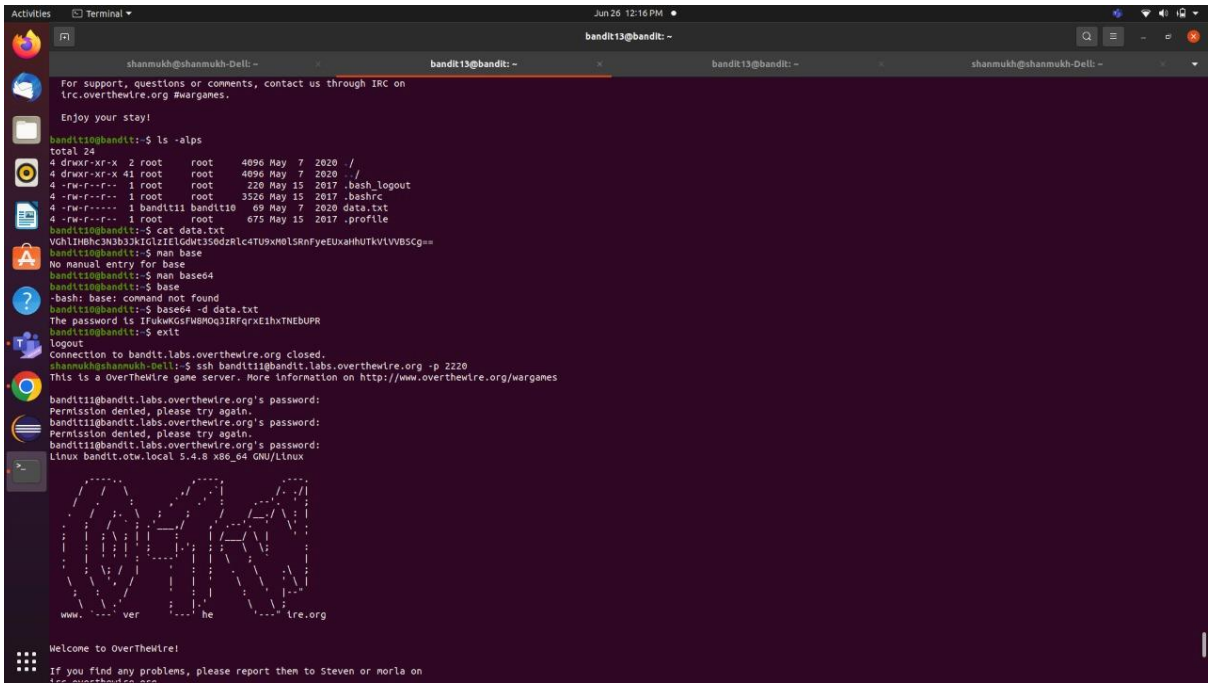
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit6@bandit:~$ ls -alps
total 20
4 drwxr-xr-x 2 root root 4096 May 7 2020 ./
4 drwxr-xr-x 41 root root 4096 May 7 2020 ../
4 -rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
4 -rw-r--r-- 1 root root 675 May 15 2017 .profile
bandit6@bandit:~$ client_loop: send disconnect: Broken pipe
shanmukh@shanmukh-Dell:~$


Activities
Terminal
Jun 26 12:15 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
Guatemalans 7prEgNTGleJXnQUeSnQbe3w6qpm6jAt4
matchboxes e8dKzChqRzuDhSO9yibhi4Ig0YL1uwAr
pensioned Bb7Ld8B6aszd47YBKb3d8xIlLqDqEFt
inexperience cO9GcbfnyS5t1UjtBeGbtbtbcz7kMHt
antibody's dSlARw1WvzABuQqyXhzk0uK0XtOE0Kw
roadbeds 0neLEFq3duXfVK9ASaHhIxxMTjxCNPUY
outmaneuvers m9gsg4JroNSkPUY8T8buDwLj2wONegig
rubbing zTllVWpyrYpAeMCe9cZLp8so7WGxzuzg
report's qlaffTlv8RgZBCTJMff88bm7yUK8ZXbO
salines 97vvhWqeUVyDQ4zFgDHBZiDTnRjHuZGw
manger's aw5kr4uWPJCpUSOP8CR88AOKo7pi1d7g
outplacement 0PdGfhq5s1AjGt1kJ0v8KXUW5msQlbFa
deviled qCZSK7IaaS64LilfsKkUS8eISAvjkAes
Malamud's PWDYsMHSQUBWSZTPJjwdHwuZxUXj0I7r
T'ang EBjab7bDC2LmzUqc3PuySGlxR6louzuW
perpetuation T8kh42YWTwFRjScYbjPwDCBx7Xpzca5S
handful's qKX7xFfWvewBc1p3vKkSfK2iXSBzXjjO
consort PW1cWWgZvoXMfiy1khVMRk7GN4Fxww32
nonevent's EnaWNHP7DFj3tU7i5H2LzWCmpP6Dyxl1
Wilton's 0C7g6ATlhXB4pYRi8OVmvaIw3h8OTSV
engagements ez1Jcf0FEjBHiobvAQSheQFYJvayy239
intrinsic KRUgb4Z2Iyyjeh2y78tUA5YoRloGhmlO
faining Zgdbd09fZJqnTp6snsBWNeiPtqylOn84
Kieth's L8ncVaJ9QUFEDol29wr6TMuWD4F78lNV
customarily 7CWuvY8YuIlVpNPOlYMSXaxwjyX8em7z
emir's aHmvbGlSD1Ez95zsh8L6QaNEyH0MJCQT
citrons tEMQJd6SE3WC47DEz7AGFsMy7OWPThCj
Fourneyron's F9bwgMXWnxDYBMb2BzQKrIuagwmO8kY2
challenging dkAAtmINWvM2HQs253UBPjGkpEigBk3Z
unfurnished 1DRk5638o30LyNr9i8mbrZ5IEuoQfrpl
devaluing sTqv8CfWKJMFDdHhSUAh6UYSg2eE1S8I
peroration Kgyu9O6OkiFRRt7b1cMbEidUBL2wNpzY
supercharges dDxxF21xewlPsqipsXoXrAVKygTKf4Dy
skirmish pLucXFqpxPwylLvvnXviSjpLyS7wkyI3
elite JvEqlMZoRl7ZoyBiQSHGPEQFoYjCeg3
deployment's V5Q6EJac88TIbWY87BapJn4VC7qpVhSE
eyesores OSTIQFwBbQtVpqk5B67fFY4KXAxqvg1L
impartially F3oFlzHVhPuL8SfblInT46UdpLakiS9z
copperheads F5rKFSgsZTAmgaWKeeG6rj431sjPUA2r
muffin ZScEfZjM7hIYFLcYEyoKm90Vh5wQlAo
flunkies k9FLHvNuhDpfGHDNtrQW9yRbBRKmZm8d
masturbate nGgkucC9aUORFn1TmHfGMGBT6SSXSftN
Babbage's Xr9LIPcQkoXnSBWcSy1praV1NkbI8cJD
westernizing QH8T9ysnLDwbVjtbQtDjDWCSqno7f7uJ
re NWBH1dJrqoXp9PVqdTSIyus1ZKIhQ9yF
chamomile's reCzOKI7KARfQPjmzp1CGpoSCjMvUhep
gastronomic 62SzgB219Xi08hhpTbEDWPNwse4WoXU3
Eurasians Npy9TZJ0zWbYRxsjh0ZGRoGv4ZpMk1LB
kopeck nNcDwOcspV8QNflBuowKQ4pboim1MHaB
arbitrariness's g5b348VWb7p2bii6WN61JD1O8NMLvqne
lending 67WUeRWruYAZTw4sDWjHvau6rZlNHshy
blanket Pj7mWRUog1BquYHl7FwjfrePEof1RYtS
distinctness AAFBDLyuLfCH7m4yLCc4ugQvrGCLKPbA


Activities
Terminal
Jun 26 12:15 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
10 SzwgS2ADSjP6ypOzp2bIvdqNyusRtrHj
10 TKUtQbeYnEzzYIne7BinoBx2bHFLBXzG
10 TThBArdF2ZEXMO47TIYkyPPLtvzzLcDf
10 tVW9lY1MlOuHPK4usZnNBoZXbJRt2AIY
10 U0NYdD3wHZKpfEg9qGQOLJimAJy6qxhS
10 UASW6CQwD6MRzftu6FAfyXBK0cVvnBLP
10 UJiCNvDNfgb3fcCj8PjjnAXHqUM63Uyj
10 UjsVbcqKeJqdCZQCDMkzv6A9X7hLbNE4
1 UsvVyFSfZZWbiGwgC7dAFyFuR6jQQUhR
10 UVnZvhiVQECrazSjl8U14sMVZQhjuXia
10 V2d9umHiuPLYLIDsuHj0frOEmreCZMaA
10 v9zaxkVAOdIOlITZY2uoCt81fX2gmly9
10 VkBAEWyiibVkeURZVSnowiGg6i3m7Be0
10 w4zUWFGTUrAAh8lNkSBgH3WK2zowBEkA
10 WBqr9xvf6nYTTSkLcTGCG6jb3ex94xWr
10 wjNwumEXSBRUQTrufHMciWzSYx10GtTC
10 X1JHOUkrb4KgugMXIzMWWIWvRkeZleTI
10 XyeJdbrUJyGtdGx8cXLQST0pwuScvpcA
10 yo0HbSe7GM0jJNbRQLxwoPp7ayYEmRXY
10 ySvsTwlMgnUF0nB6Fgnn2TNjkSOlrV72
10 Z9OC6DQpppreChPhwRJJV9YYTtrxNVcO
10 zdd2ctVveROGeiS2WE3TeLZMeL5jL7iM
bandit8@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit9@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit9@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]--


Activities
Terminal
Jun 26 12:15 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
--[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 -alps
total 40
4 drwxr-xr-x 2 root   root   4096 May 7 2020 ./
4 drwxr-xr-x 41 root   root   4096 May 7 2020 ../
4 -rw-r--r-- 1 root   root   220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root   root   3526 May 15 2017 .bashrc
20 -rw-r----- 1 bandit10 bandit9 19379 May 7 2020 data.txt
4 -rw-r--r-- 1 root   root   675 May 15 2017 .profile
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.
shanmukh@shanmukh-Dell:~$ ssh bandit10@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit10@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux


Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit10@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 2 root   root   4096 May 7 2020 ./
4 drwxr-xr-x 41 root   root   4096 May 7 2020 ../
4 -rw-r--r-- 1 root   root   220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root   root   3526 May 15 2017 .bashrc
4 -rw-r----- 1 bandit11 bandit10   69 May 7 2020 data.txt
4 -rw-r--r-- 1 root   root   675 May 15 2017 .profile
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIElGdWt356dzRlc4TU9xM0lSRnFyeEUxaHhUTkVlVVBSCg==
bandit10@bandit:~$ man base
No manual entry for base
bandit10@bandit:~$ man base64
bandit10@bandit:~$ base
-bash: base: command not found
bandit10@bandit:~$ base64 -d data.txt
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit11@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit11@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit11@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit11@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
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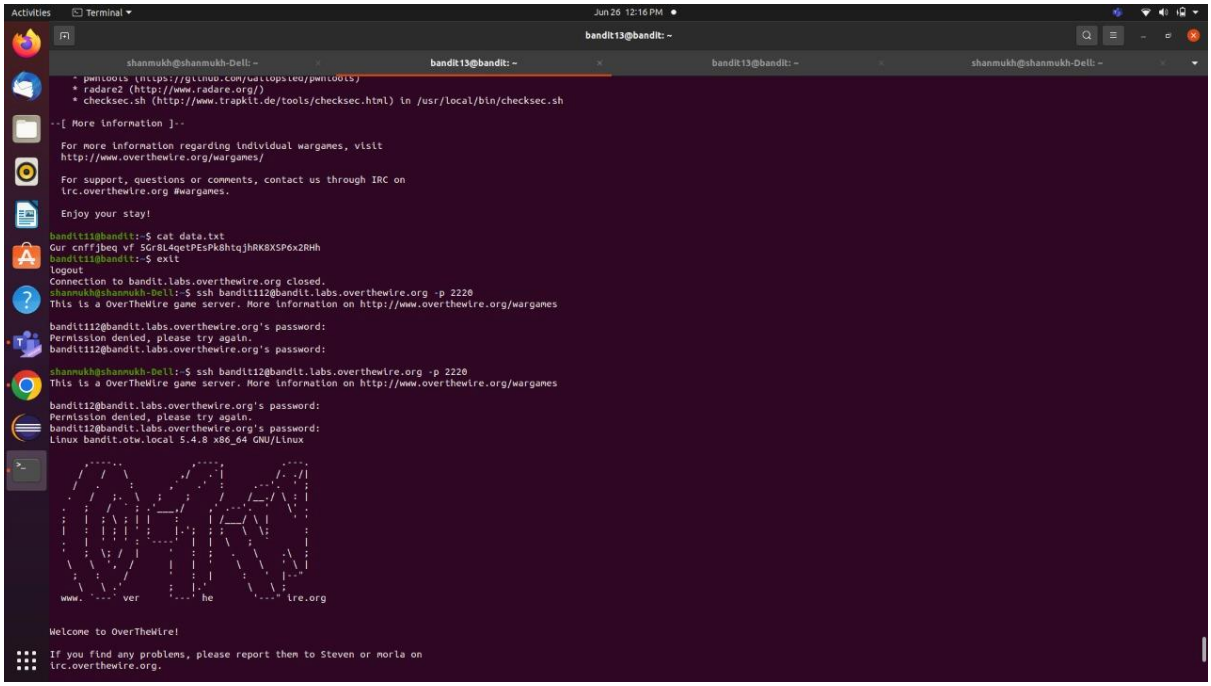
Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
--[More information]--
For more information regarding individual wargames, visit
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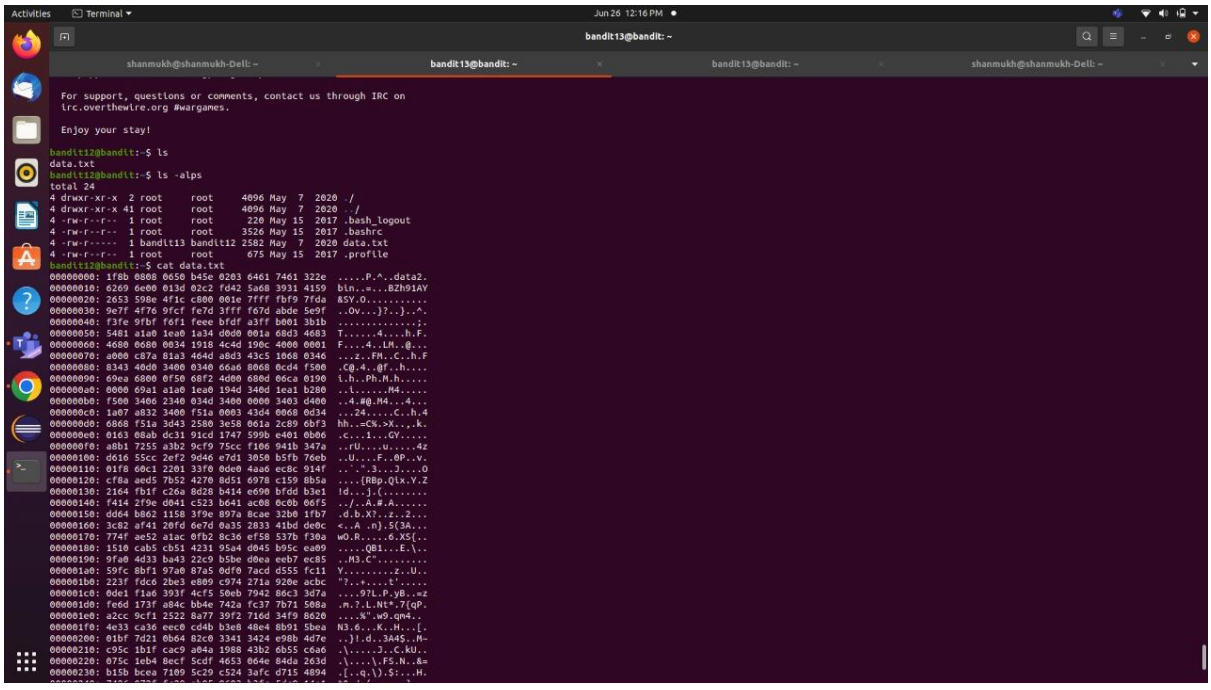
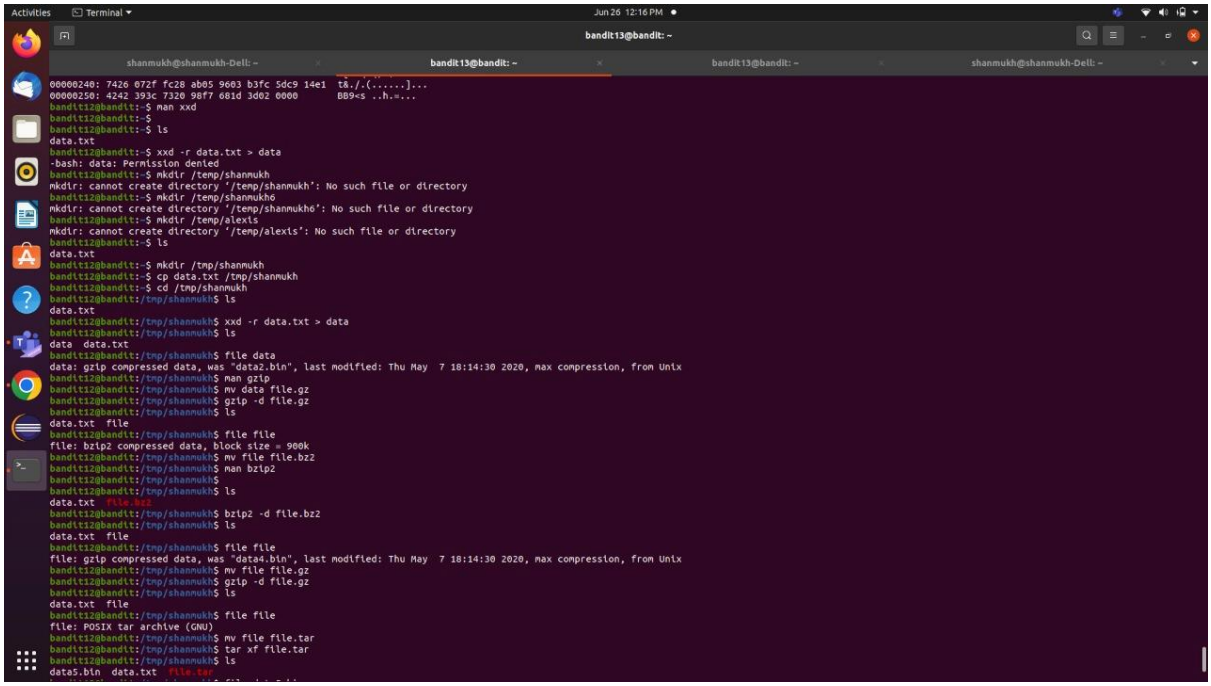
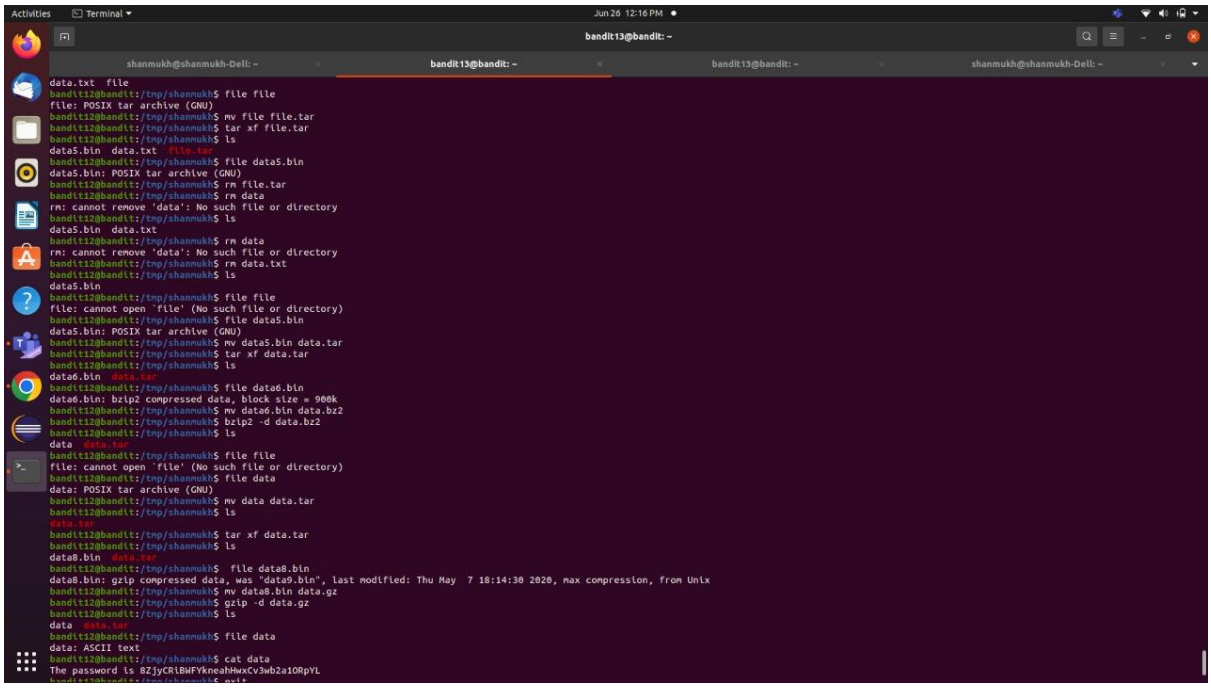
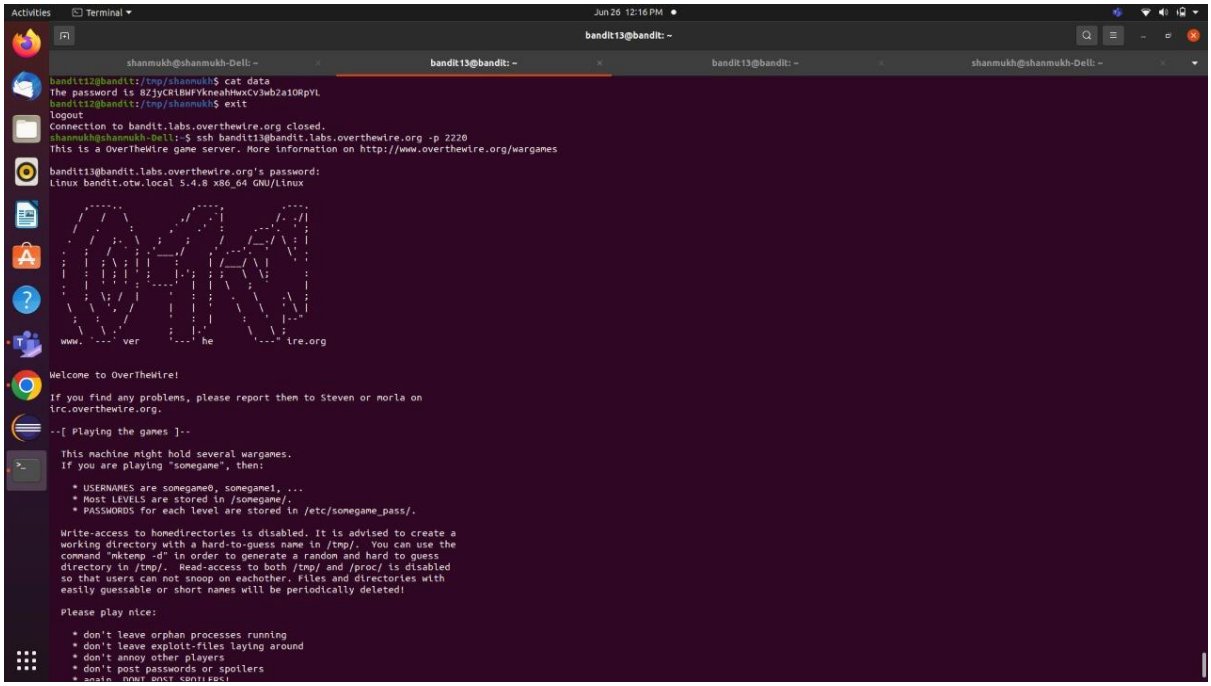
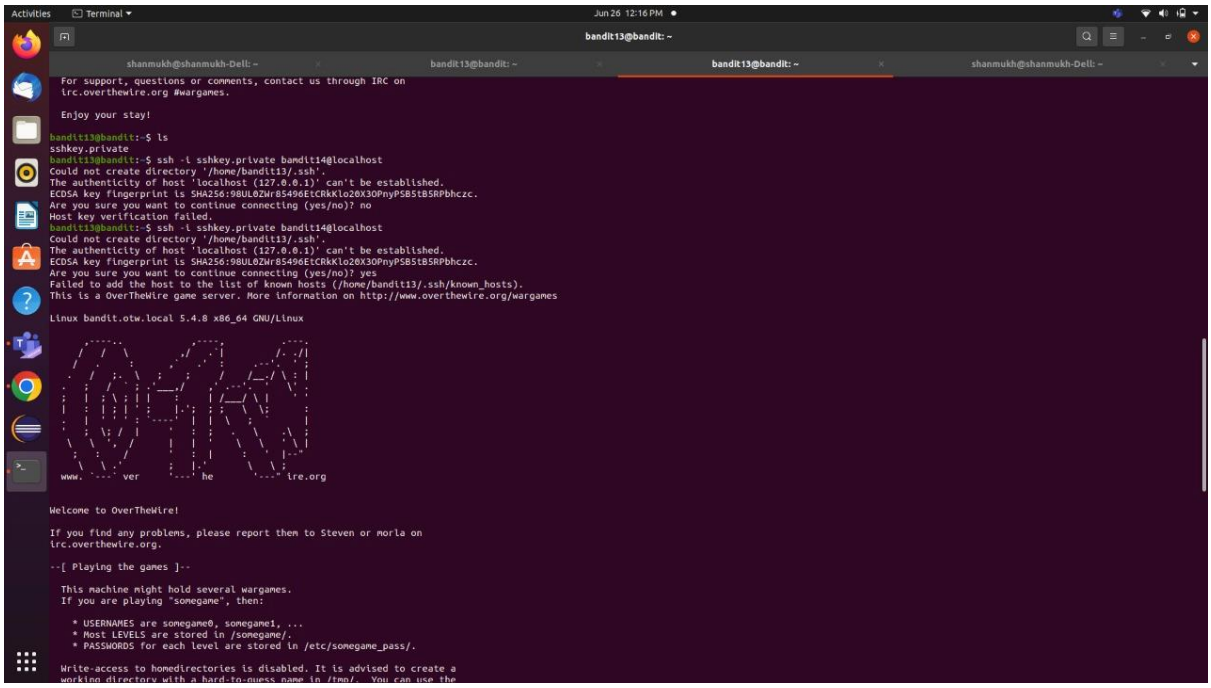
irc.overthewire.org #wargames.
Enjoy your stay!
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit112@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit112@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit112@bandit.labs.overthewire.org's password:
shanmukh@shanmukh-Dell:~$ ssh bandit12@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit12@bandit.labs.overthewire.org's password:
Permission denied, please try again.
bandit12@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
Welcome to OverTheWire!
If you find any problems, please report them to Steven or morla on
irc.overthewire.org.

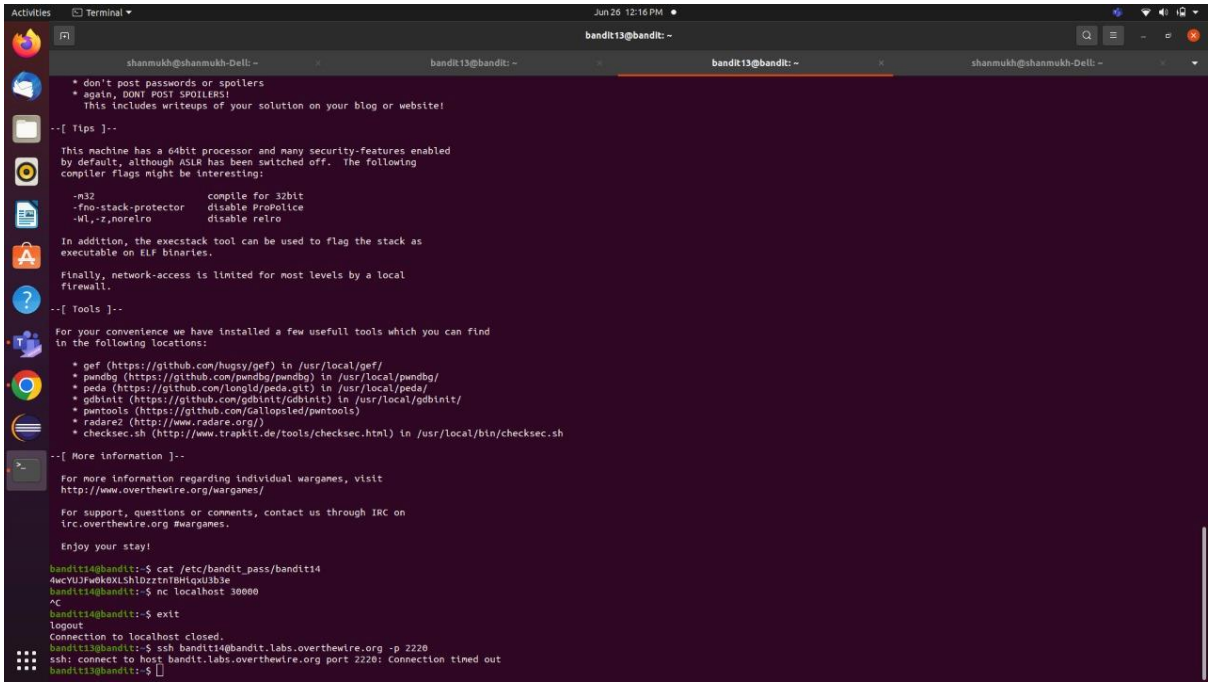

Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit12@bandit:~$ ls
data.txt
bandit12@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 2 root   root   4096 May 7 2020 ./
4 drwxr-xr-x 41 root   root   4096 May 7 2020 ../
4 -rw-r--r-- 1 root   root   220 May 15 2017 .bash_logout
4 -rw-r--r-- 1 root   root   3526 May 15 2017 .bashrc
4 -rw-r----- 1 bandit13 bandit12 2582 May 7 2020 data.txt
4 -rw-r--r-- 1 root   root   675 May 15 2017 .profile
bandit12@bandit:~$ cat data.txt
00000000: 1f8b 0808 0650 b45e 0203 6461 7461 322e .....P.^..data2.
00000010: 6269 6e00 013d 02c2 fd42 5a68 3931 4159 bin..=...BZh91AY
00000020: 2653 598e 4f1c c800 001e 7fff fbf9 7fda &SY.O.........
00000030: 9e7f 4f76 9fcf fe7d 3fff f67d abde 5e9f ..Ov...}?..}..^.
00000040: f3fe 9fbf f6f1 feee bfdf a3ff b001 3b1b ....;.
00000050: 5481 a1a0 1ea0 1a34 d0d0 001a 68d3 4683 T......4....h.F.
00000060: 4680 0680 0034 1918 4c4d 198c 4000 0001 F....4..LM..@...
00000070: a000 c87a 81a3 464d a8d3 43c5 1068 0346 ...z..FM..C..h.F
00000080: 8343 40d0 3400 0340 66a6 8068 0cd4 f500 .C@.4..@f..h....
00000090: 69ea 6800 0f50 68f2 4d00 680d 06ca 0190 i.h..Ph.M.h.....
000000a0: 0000 69a1 a1a0 1ea0 194d 340d 1ea1 b280 ..i......M4.....
000000b0: f500 3406 2340 034d 3400 0000 3403 d400 ..4.#@.M4...4...
000000c0: 1a07 a832 3400 f51a 0003 43d4 0068 0d34 ...24.....C..h.4
000000d0: 6868 f51a 3d43 2580 3e58 861a 2c89 6bf3 hh..=C%.>X..,.k.
000000e0: 0163 08ab dc31 91cd 1747 599b e401 0b06 .c...1...GY.....
000000f0: a8b1 7255 a3b2 9cf9 75cc f106 941b 347a ..rU....u.....4z
00000100: d616 55cc 2ef2 9d46 e7d1 3050 b5fb 76eb ..U....F..0P..v.
00000110: 01f8 60c1 2201 33f0 0de0 4aa6 ec8c 914f ..`.".3...J....O
00000120: cf8a aed5 7b52 4270 8d51 6978 c159 8b5a ....{RBp.Qix.Y.Z
00000130: 2164 fb1f c26a 8d28 b414 e690 bfdd b3e1 !d...j.(........
00000140: f414 2f9e d041 c523 b641 ac08 0c0b 06f5 ../..A.#.A......
00000150: dd64 b862 1158 3f9e 897a 8cae 32b0 1fb7 .d.b.X?..z..2...
00000160: 3c82 af41 20fd 6e7d 0a35 2833 41bd de0c <..A .n}.5(3A...
00000170: 774f ae52 a1ac 0fb2 8c36 ef58 537b f30a wO.R.....6.XS{..
00000180: 1510 cab5 cb51 4231 95a4 d045 b95c ea09 .....QB1...E.\..
00000190: 9fa0 4d33 ba43 22c9 b5be d0ea eeb7 ec85 ..M3.C".........
000001a0: 59fc 8bf1 97a0 87a5 0df0 7acd d555 fc11 Y.........z..U..
000001b0: 223f fdc6 2be3 e809 c974 271a 920e acbc "?..+....t'.....
000001c0: 0de1 f1a6 393f 4cf5 50eb 7942 86c3 3d7a ....9?L.P.yB..=z
000001d0: fe6d 173f a84c bb4e 742a fc37 7b71 508a .m.?.L.Nt*.7{qP.
000001e0: a2cc 9cf1 2522 8a77 39f2 716d 34f9 8620 ....%".w9.qm4..
000001f0: 4e33 ca36 eec0 cd4b b3e8 48e4 8b91 5bea N3.6...K..H...[.
00000200: 01bf 7d21 0b64 82c0 3341 3424 e98b 4d7e ..}!.d..3A4$..M~
00000210: c95c 1b1f cac9 a04a 1988 43b2 6b55 c6a6 .\.....J..C.kU..
00000220: 075c 1eb4 8ecf 5cdf 4653 064e 84da 263d .\....\.FS.N..&=
00000230: b15b bcea 7109 5c29 c524 3afc d715 4894 .[..q.\).$:...H.

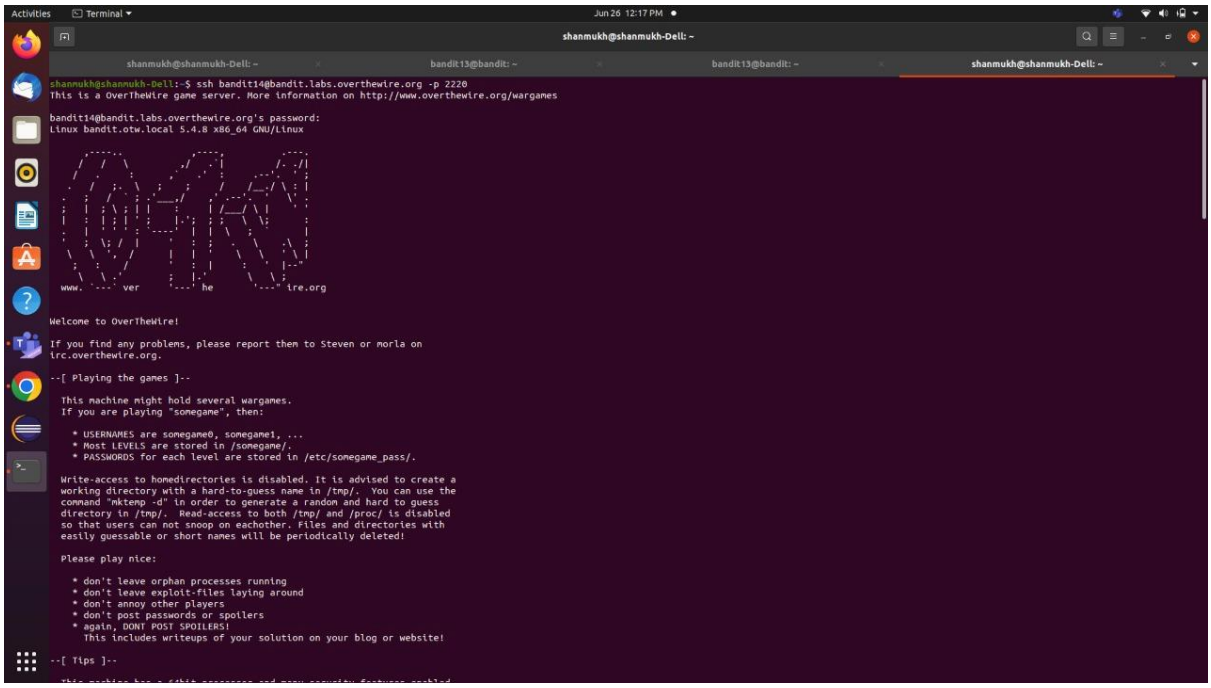

Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
00000240: 7426 072f fc28 ab05 9603 b3fc 5dc9 14e1 t&./.(......]...
00000250: 4242 393c 7320 98f7 681d 3d02 0000 BB9<s ..h.=...
bandit12@bandit:~$ man xxd
bandit12@bandit:~$
bandit12@bandit:~$ ls
data.txt
bandit12@bandit:~$ xxd -r data.txt > data
-bash: data: Permission denied
bandit12@bandit:~$ mkdir /temp/shanmukh
mkdir: cannot create directory '/temp/shanmukh': No such file or directory
bandit12@bandit:~$ mkdir /temp/shanmukh6
mkdir: cannot create directory '/temp/shanmukh6': No such file or directory
bandit12@bandit:~$ mkdir /temp/alexis
mkdir: cannot create directory '/temp/alexis': No such file or directory
bandit12@bandit:~$ ls
data.txt
bandit12@bandit:~$ mkdir /tmp/shanmukh
bandit12@bandit:~$ cp data.txt /tmp/shanmukh
bandit12@bandit:~$ cd /tmp/shanmukh
bandit12@bandit:/tmp/shanmukh$ ls
data.txt
bandit12@bandit:/tmp/shanmukh$ xxd -r data.txt > data
bandit12@bandit:/tmp/shanmukh$ ls
data data.txt
bandit12@bandit:/tmp/shanmukh$ file data
data: gzip compressed data, was "data2.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/shanmukh$ man gzip
bandit12@bandit:/tmp/shanmukh$ mv data file.gz
bandit12@bandit:/tmp/shanmukh$ gzip -d file.gz
bandit12@bandit:/tmp/shanmukh$ ls
data.txt file
bandit12@bandit:/tmp/shanmukh$ file file
file: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/shanmukh$ mv file file.bz2
bandit12@bandit:/tmp/shanmukh$ man bzip2
bandit12@bandit:/tmp/shanmukh$
bandit12@bandit:/tmp/shanmukh$ ls
data.txt file.bz2
bandit12@bandit:/tmp/shanmukh$ bzip2 -d file.bz2
bandit12@bandit:/tmp/shanmukh$ ls
data.txt file
bandit12@bandit:/tmp/shanmukh$ file file
file: gzip compressed data, was "data4.bin", last modified: Thu May 7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/shanmukh$ mv file file.gz
bandit12@bandit:/tmp/shanmukh$ gzip -d file.gz
bandit12@bandit:/tmp/shanmukh$ ls
data.txt file
bandit12@bandit:/tmp/shanmukh$ file file
file: POSIX tar archive (GNU)
bandit12@bandit:/tmp/shanmukh$ mv file file.tar
bandit12@bandit:/tmp/shanmukh$ tar xf file.tar
bandit12@bandit:/tmp/shanmukh$ ls
data5.bin data.txt file.tar

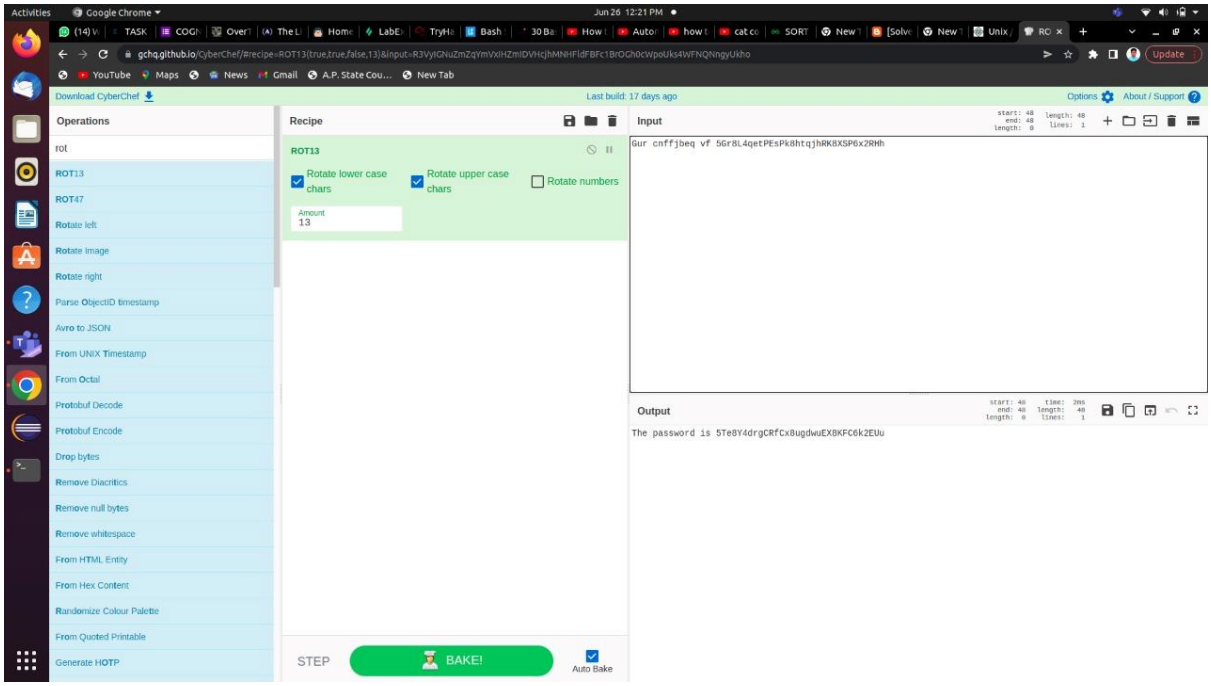

Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
data.txt file
bandit12@bandit:/tmp/shanmukh$ file file
file: POSIX tar archive (GNU)
bandit12@bandit:/tmp/shanmukh$ mv file file.tar
bandit12@bandit:/tmp/shanmukh$ tar xf file.tar
bandit12@bandit:/tmp/shanmukh$ ls
data5.bin data.txt file.tar
bandit12@bandit:/tmp/shanmukh$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/shanmukh$ rm file.tar
bandit12@bandit:/tmp/shanmukh$ rm data
rm: cannot remove 'data': No such file or directory
bandit12@bandit:/tmp/shanmukh$ ls
data5.bin data.txt
bandit12@bandit:/tmp/shanmukh$ rm data
rm: cannot remove 'data': No such file or directory
bandit12@bandit:/tmp/shanmukh$ rm data.txt
bandit12@bandit:/tmp/shanmukh$ ls
data5.bin
bandit12@bandit:/tmp/shanmukh$ file file
file: cannot open `file' (No such file or directory)
bandit12@bandit:/tmp/shanmukh$ file data5.bin
data5.bin: POSIX tar archive (GNU)
bandit12@bandit:/tmp/shanmukh$ mv data5.bin data.tar
bandit12@bandit:/tmp/shanmukh$ tar xf data.tar
bandit12@bandit:/tmp/shanmukh$ ls
data6.bin data.tar
bandit12@bandit:/tmp/shanmukh$ file data6.bin
data6.bin: bzip2 compressed data, block size = 900k
bandit12@bandit:/tmp/shanmukh$ mv data6.bin data.bz2
bandit12@bandit:/tmp/shanmukh$ bzip2 -d data.bz2
bandit12@bandit:/tmp/shanmukh$ ls
data data.tar
bandit12@bandit:/tmp/shanmukh$ file file
file: cannot open `file' (No such file or directory)
bandit12@bandit:/tmp/shanmukh$ file data
data: POSIX tar archive (GNU)
bandit12@bandit:/tmp/shanmukh$ mv data data.tar
bandit12@bandit:/tmp/shanmukh$ ls
data.tar
bandit12@bandit:/tmp/shanmukh$ tar xf data.tar
bandit12@bandit:/tmp/shanmukh$ ls
data8.bin data.tar
bandit12@bandit:/tmp/shanmukh$ 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/shanmukh$ mv data8.bin data.gz
bandit12@bandit:/tmp/shanmukh$ gzip -d data.gz
bandit12@bandit:/tmp/shanmukh$ ls
data data.tar
bandit12@bandit:/tmp/shanmukh$ file data
data: ASCII text
bandit12@bandit:/tmp/shanmukh$ cat data
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

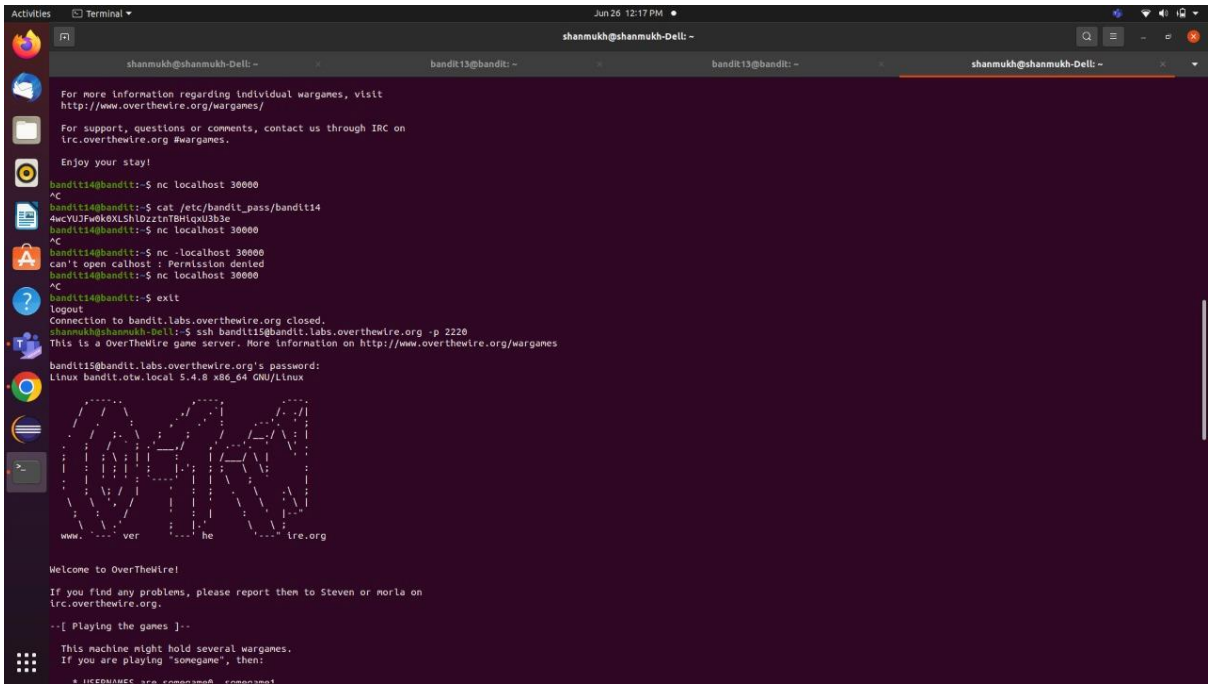

Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit12@bandit:/tmp/shannukh$ cat data
The password is 8ZjyCRlBWFYkneahHwxCv3wb2aIORpYL
bandit12@bandit:/tmp/shannukh$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shannukh@shanmukh-Dell:~$ ssh bandit13@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit13@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
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, ...
* 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
so that users can not snoop on eachother. Files and directories with
easily guessable or short names will be periodically deleted!
Please play nice:
* don't leave orphan processes running
* don't leave exploit-files laying around
* don't annoy other players
* don't post passwords or spoilers


Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit13@bandit:~$ ls
sshkey.private
bandit13@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 SHA256:98UL0ZWr85496EtCRkKlo20X3OPnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no)? no
Host key verification failed.
bandit13@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 SHA256:98UL0ZWr85496EtCRkKlo20X3OPnyPSB5tB5RPbhczc.
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
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, ...
* 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


Activities
Terminal
Jun 26 12:16 PM
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
* don't post passwords or spoilers
* again, DONT POST SPOILERS!
This includes writeups of your solution on your blog or website!
--[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:
* 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!
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$ nc localhost 30000
^C
bandit14@bandit:~$ exit
logout
Connection to localhost closed.
bandit13@bandit:~$ ssh bandit14@bandit.labs.overthewire.org -p 2220
ssh: connect to host bandit.labs.overthewire.org port 2220: Connection timed out
bandit13@bandit:~$


Activities
Terminal
Jun 26 12:17 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell:~$ ssh bandit14@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit14@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
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, ...
* 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
so that users can not snoop on eachother. Files and directories with
easily guessable or short names will be periodically deleted!
Please play nice:
* don't leave orphan processes running
* don't leave exploit-files laying around
* don't annoy other players
* don't post passwords or spoilers
* again, DONT POST SPOILERS!
This includes writeups of your solution on your blog or website!
--[Tips]--


Activities
Google Chrome
Jun 26 12:21 PM
gchq.github.io/CyberChef/#recipe=ROT13(true,true,false,13)&input=R3VyIGNuZmZqYmVxIHZmIDVHcjhMNHFldFBFc1BrOGh0cWpoUks4WFNQNngyUkho
YouTube
Maps
News
Gmail
A.P. State Cou...
New Tab
Download CyberChef
Last build: 17 days ago
Options
About / Support
Operations
rot
ROT13
ROT47
Rotate left
Rotate image
Rotate right
Parse ObjectID timestamp
Avro to JSON
From UNIX Timestamp
From Octal
Protobuf Decode
Protobuf Encode
Drop bytes
Remove Diacritics
Remove null bytes
Remove whitespace
From HTML Entity
From Hex Content
Randomize Colour Palette
From Quoted Printable
Generate HOTP
Recipe
ROT13
Rotate lower case chars
Rotate upper case chars
Rotate numbers
Amount
13
STEP
BAKE!
Auto Bake
Input
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
Output
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu


Activities
Terminal
Jun 26 12:17 PM
shanmukh@shanmukh-Dell: ~
shanmukh@shanmukh-Dell: ~
bandit13@bandit: ~
bandit13@bandit: ~
shanmukh@shanmukh-Dell: ~
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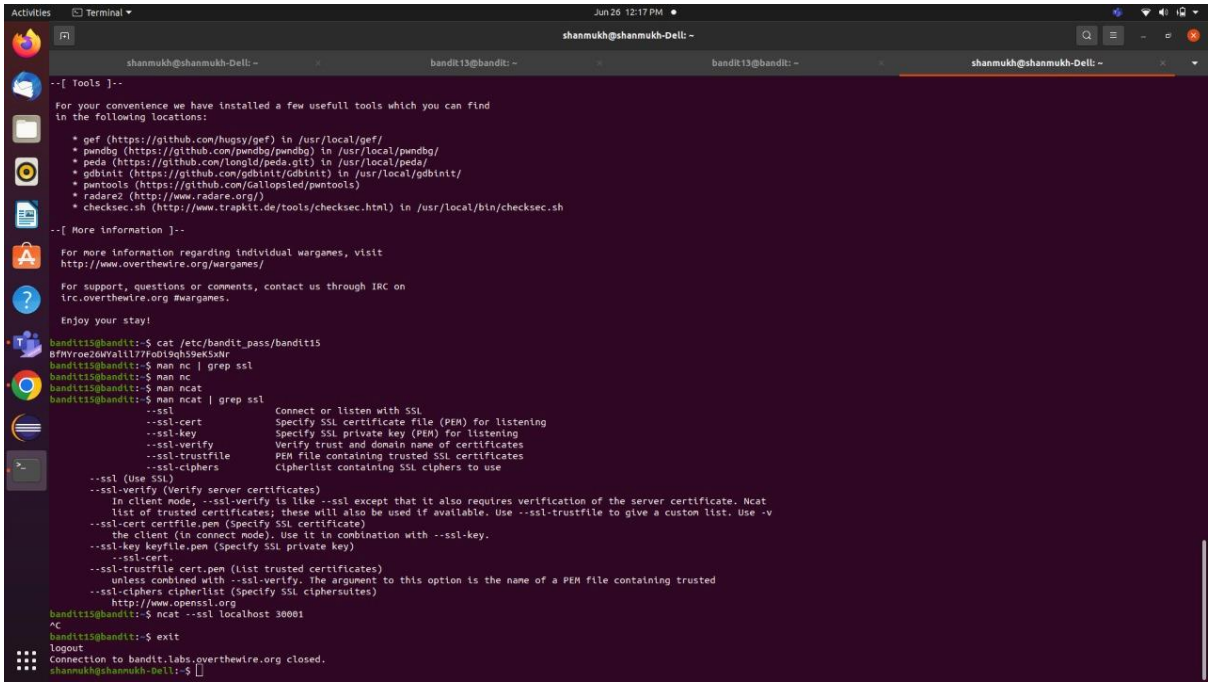
Enjoy your stay!
bandit14@bandit:~$ nc localhost 30000
^C
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$ nc localhost 30000
^C
bandit14@bandit:~$ nc -localhost 30000
can't open calhost : Permission denied
bandit14@bandit:~$ nc localhost 30000
^C
bandit14@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
shanmukh@shanmukh-Dell:~$ ssh bandit15@bandit.labs.overthewire.org -p 2220
This is a OverTheWire game server. More information on http://www.overthewire.org/wargames
bandit15@bandit.labs.overthewire.org's password:
Linux bandit.otw.local 5.4.8 x86_64 GNU/Linux
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:



The passwords for the given levels of bandit war game is :

1)level 0-1: bandit0

2)level 1-2: boJ9jbbUNNfktd78OOpsqOltutMc3MY1

3)level 2-3: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

4)level 3-4: UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

5)level 4-5: pIwrPrtPN36QITSp3EQaw936yaFoFgAB

6)level 5-6: DXjZPULLxYr17uwoI01bNLQbtFemEgo7

7)level 6-7: HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

8)level 7-8: cvX2JJa4CFALtqS87jk27qwqGhBM9plV

9)level 8-9: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

10)level 9-10: truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

11)level 10-11: IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

12)level 11-12: 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

13)level 12-13: 8ZjyCRiBWFYkneahHwxCv3wb2a1ORpYL

14)level 13-14: 4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e

15)level 14-15: BfMYroe26WYalil77FoDi9qh59eK5xNr