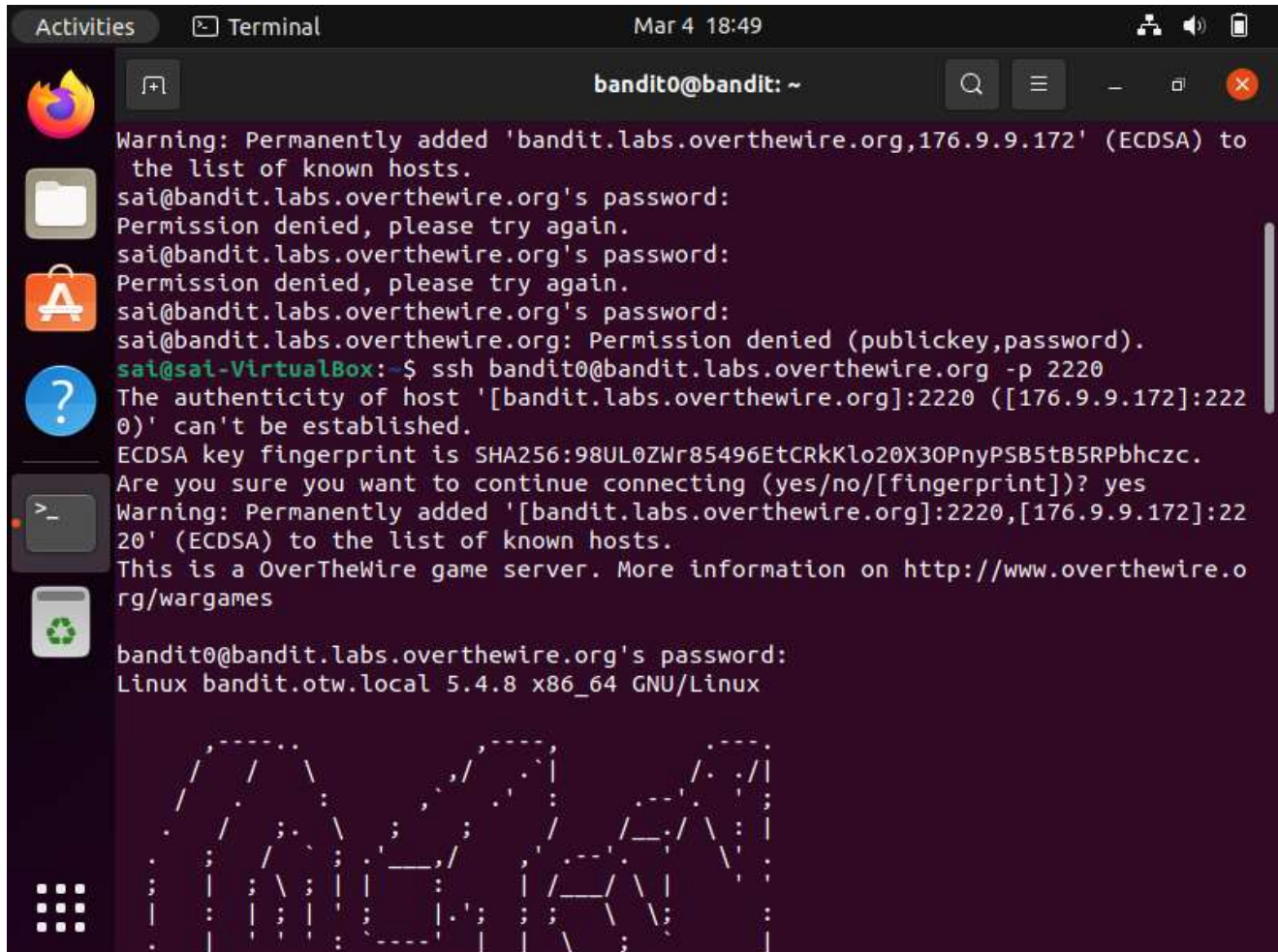


## Task-7

# OverTheWire

connecting using ssh command



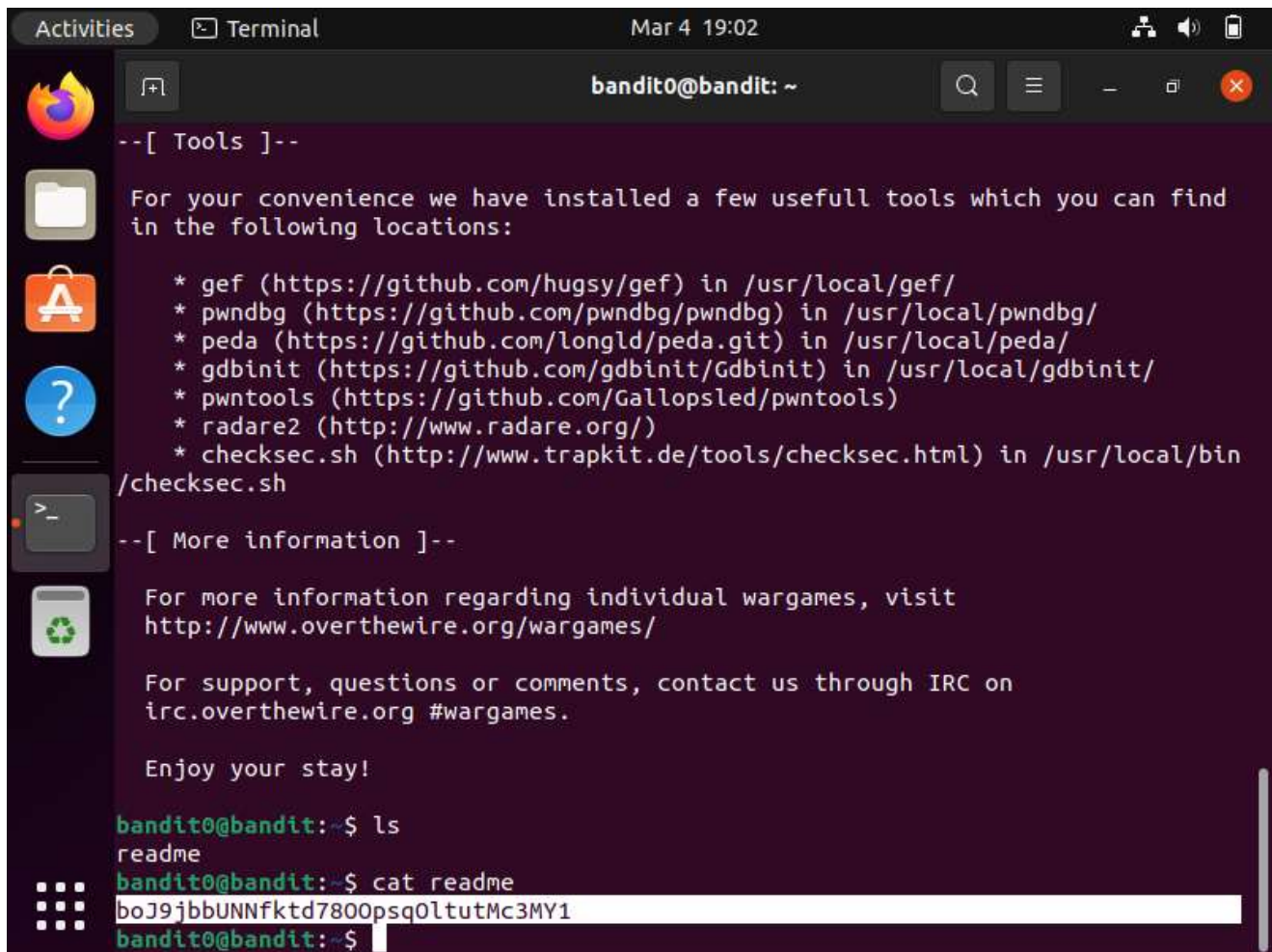
The screenshot shows a terminal window titled "bandit0@bandit: ~" with a search bar and window controls. The terminal output is as follows:

```
Warning: Permanently added 'bandit.labs.overthewire.org,176.9.9.172' (ECDSA) to the list of known hosts.
sai@bandit.labs.overthewire.org's password:
Permission denied, please try again.
sai@bandit.labs.overthewire.org's password:
Permission denied, please try again.
sai@bandit.labs.overthewire.org's password:
sai@bandit.labs.overthewire.org: Permission denied (publickey,password).
sai@sai-VirtualBox: ~$ ssh bandit0@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 SHA256:98UL0ZW85496EtCRkKlo20X30PnyPSB5tB5RPbhczc.
Are you sure you want to continue connecting (yes/no/[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

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

At the bottom of the terminal, there is a large ASCII art graphic of a castle.

1<sup>st</sup> Password (boJ9jbbUNNfktd7800psq0ltutMc3MY1)



```
Activities Terminal Mar 4 19:02 bandit0@bandit: ~

--[ 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 ]--

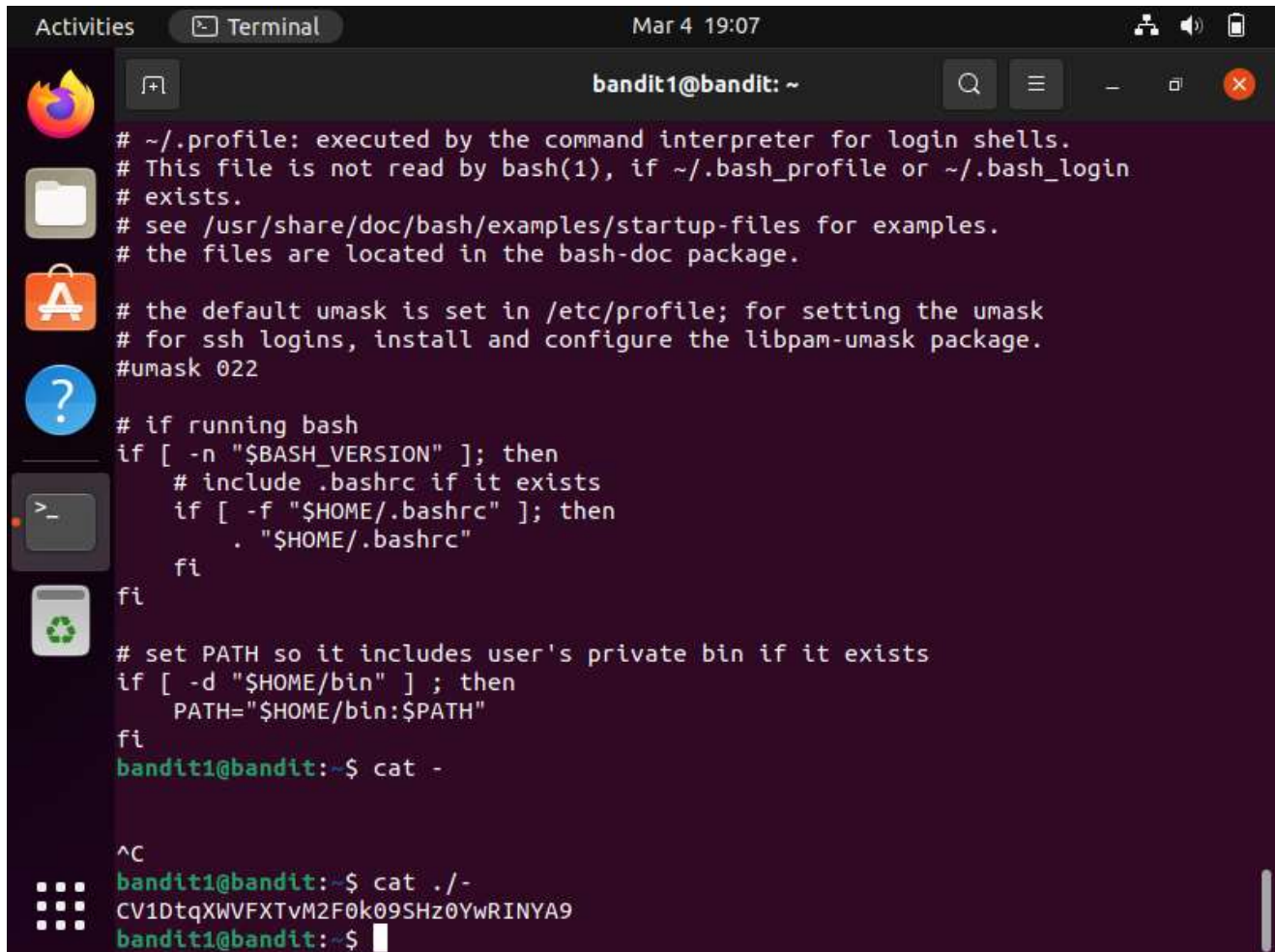
For more information regarding individual wargames, visit
http://www.overthewire.org/wargames/

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

Enjoy your stay!

bandit0@bandit:~$ ls
readme
bandit0@bandit:~$ cat readme
boJ9jbbUNNfktd7800psq0ltutMc3MY1
bandit0@bandit:~$
```

2<sup>nd</sup> Password (CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9)



```
Activities  Terminal  Mar 4 19:07  bandit1@bandit: ~

# ~/.profile: executed by the command interpreter for login shells.
# This file is not read by bash(1), if ~/.bash_profile or ~/.bash_login
# exists.
# see /usr/share/doc/bash/examples/startup-files for examples.
# the files are located in the bash-doc package.

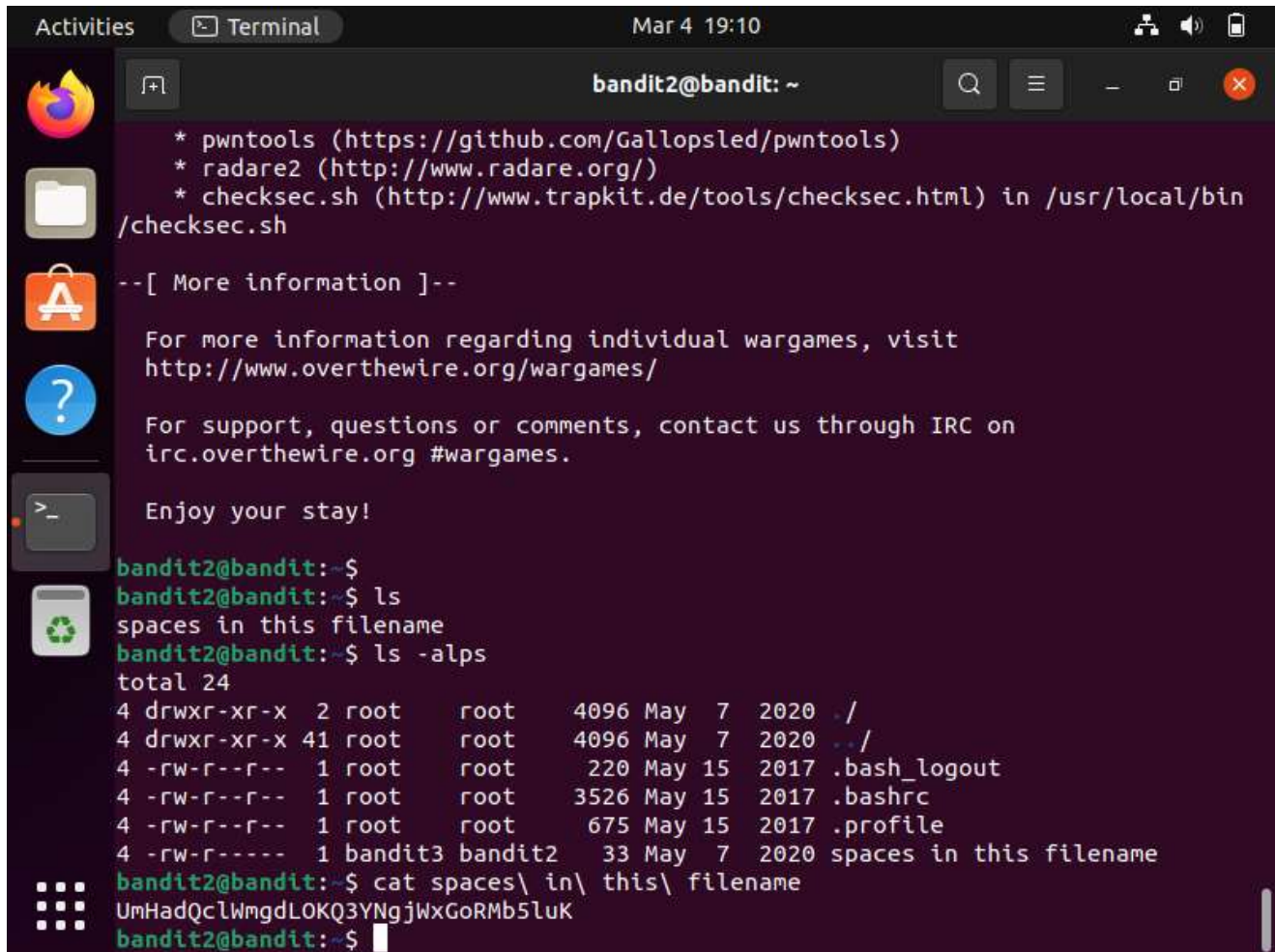
# the default umask is set in /etc/profile; for setting the umask
# for ssh logins, install and configure the libpam-umask package.
#umask 022

# if running bash
if [ -n "$BASH_VERSION" ]; then
    # include .bashrc if it exists
    if [ -f "$HOME/.bashrc" ]; then
        . "$HOME/.bashrc"
    fi
fi

# set PATH so it includes user's private bin if it exists
if [ -d "$HOME/bin" ] ; then
    PATH="$HOME/bin:$PATH"
fi
bandit1@bandit:~$ cat -

^C
bandit1@bandit:~$ cat ./-
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9
bandit1@bandit:~$
```

3<sup>rd</sup> Password(UmHadQclWmgd LOKQ3YNgjWxGoRMb5luK)



```
Activities Terminal Mar 4 19:10 bandit2@bandit: ~

* 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/

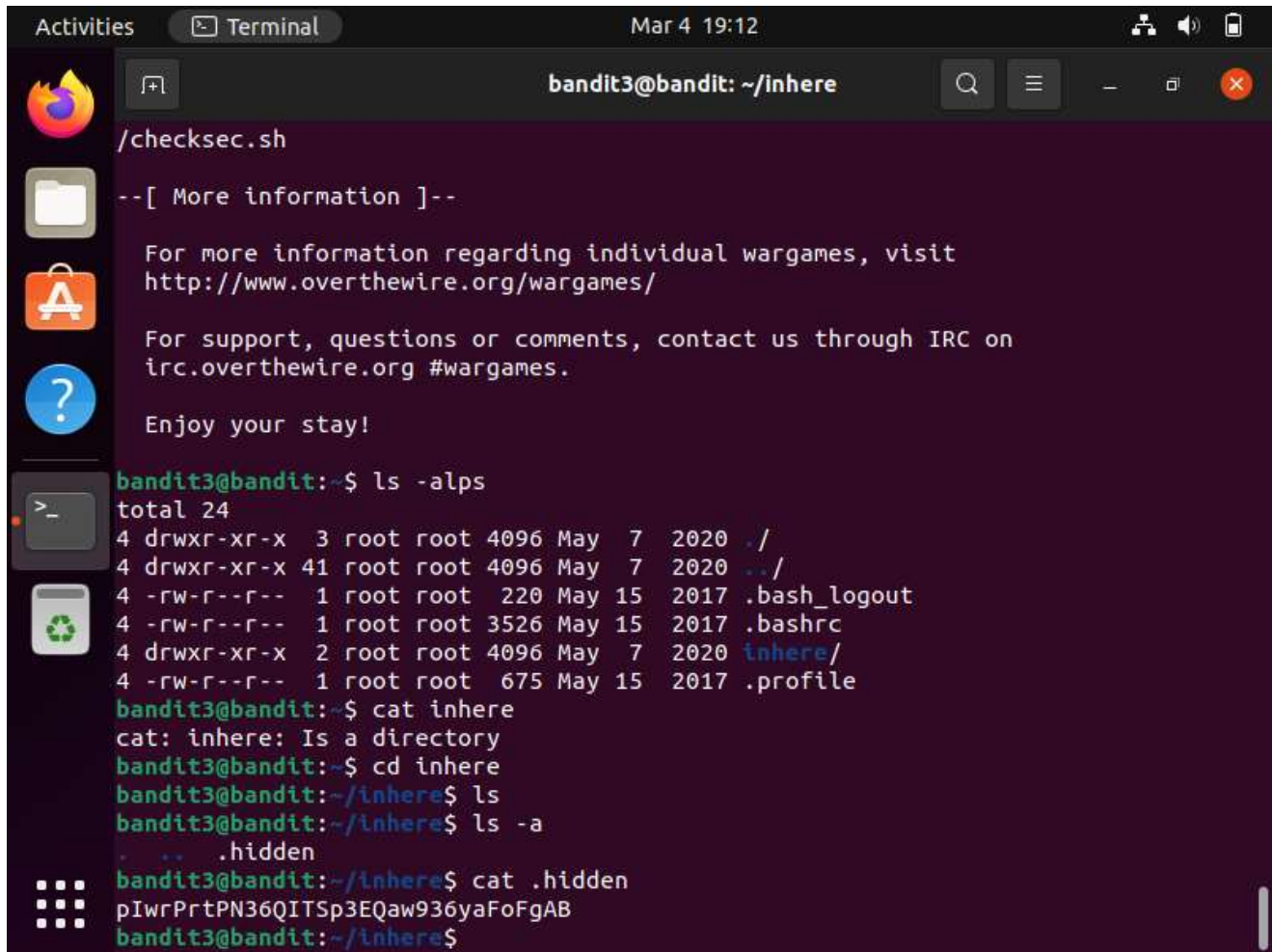
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.

Enjoy your stay!

bandit2@bandit:~$
bandit2@bandit:~$ ls
spaces in this filename
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:~$
```



4<sup>th</sup> Password (pIwrPrtpN36QITSp3EQaw936yaFoFgAB)



The image shows a terminal window titled "bandit3@bandit: ~/inhere". The window contains the output of a script and the results of several terminal commands. The script output includes instructions on where to find more information and how to get support. The terminal commands show the user listing files in the current directory, viewing the contents of the 'inhere' directory, and finding a hidden file named '.hidden' which contains the password.

```
bandit3@bandit: ~/inhere
--[ More information ]--

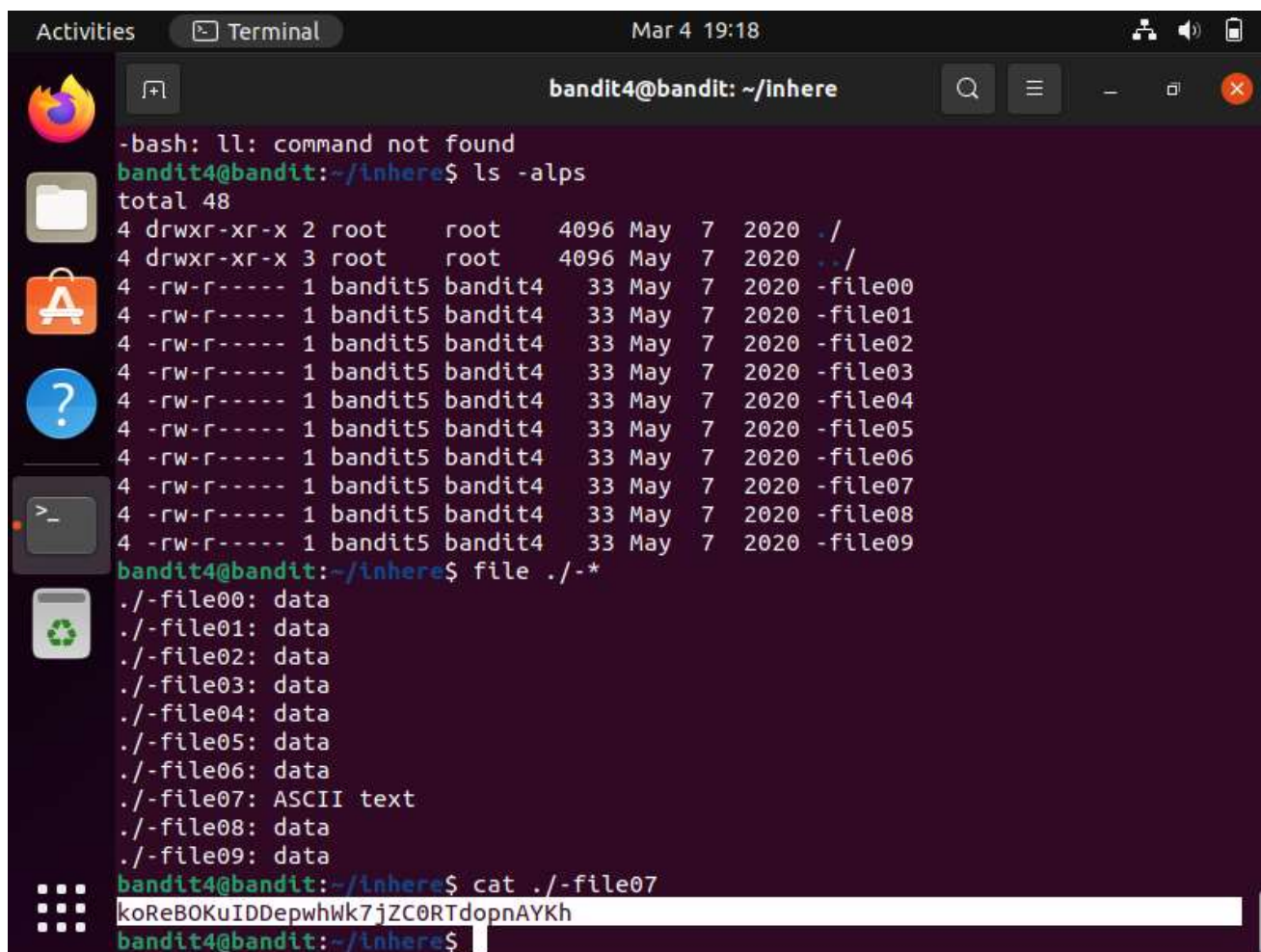
For more information regarding individual wargames, visit
http://www.overthewire.org/wargames/

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:~$ cat inhere
cat: inhere: Is a directory
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ ls -a
.  ..  .hidden
bandit3@bandit:~/inhere$ cat .hidden
pIwrPrtpN36QITSp3EQaw936yaFoFgAB
bandit3@bandit:~/inhere$
```

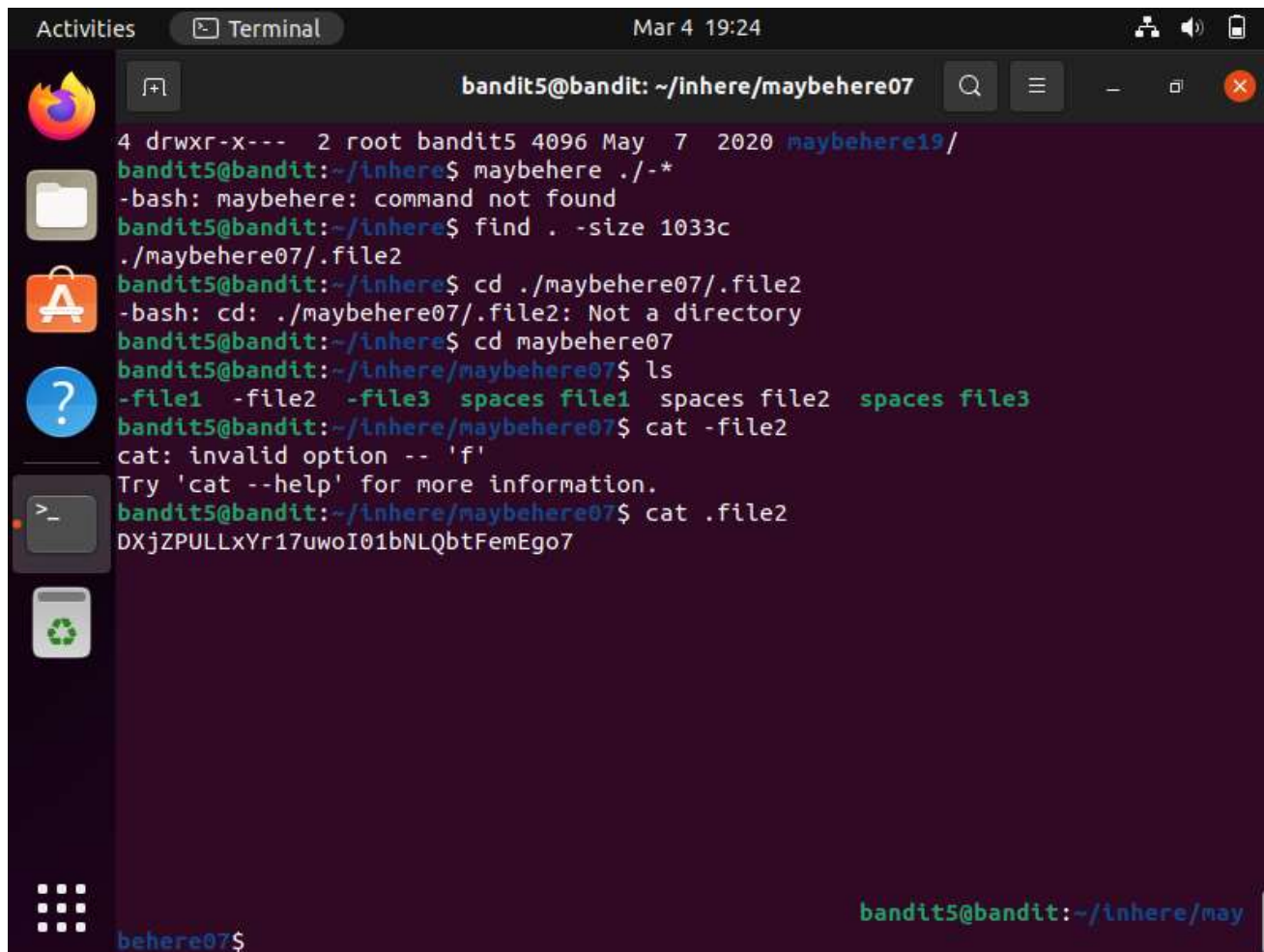
5<sup>th</sup> Password(koReBOKuIDDepwhwk7jZC0RTdopnAYKh)



The image shows a terminal window titled "bandit4@bandit: ~/inhere". The user enters the command `ls -alps`, which lists the contents of the directory. The output shows a total of 48 bytes, including the current directory (`./`), the parent directory (`../`), and ten files named `-file00` through `-file09`. Each file is owned by `bandit5` and has permissions `-rw-r-----`. The user then enters the command `file ./-*`, which identifies the files: `./-file00` through `./-file06` are data files, `./-file07` is an ASCII text file, and `./-file08` and `./-file09` are data files. Finally, the user enters `cat ./-file07`, which displays the password `koReBOKuIDDepwhwk7jZC0RTdopnAYKh`.

```
bandit4@bandit: ~/inhere
-bash: ll: command not found
bandit4@bandit:~/inhere$ ls -alps
total 48
4 drwxr-xr-x 2 root    root    4096 May  7  2020 ./
4 drwxr-xr-x 3 root    root    4096 May  7  2020 ../
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file00
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file01
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file02
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file03
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file04
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file05
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file06
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file07
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file08
4 -rw-r----- 1 bandit5 bandit4  33 May  7  2020 -file09
bandit4@bandit:~/inhere$ file ./-*
./-file00: data
./-file01: data
./-file02: data
./-file03: data
./-file04: data
./-file05: data
./-file06: data
./-file07: ASCII text
./-file08: data
./-file09: data
bandit4@bandit:~/inhere$ cat ./-file07
koReBOKuIDDepwhwk7jZC0RTdopnAYKh
bandit4@bandit:~/inhere$
```

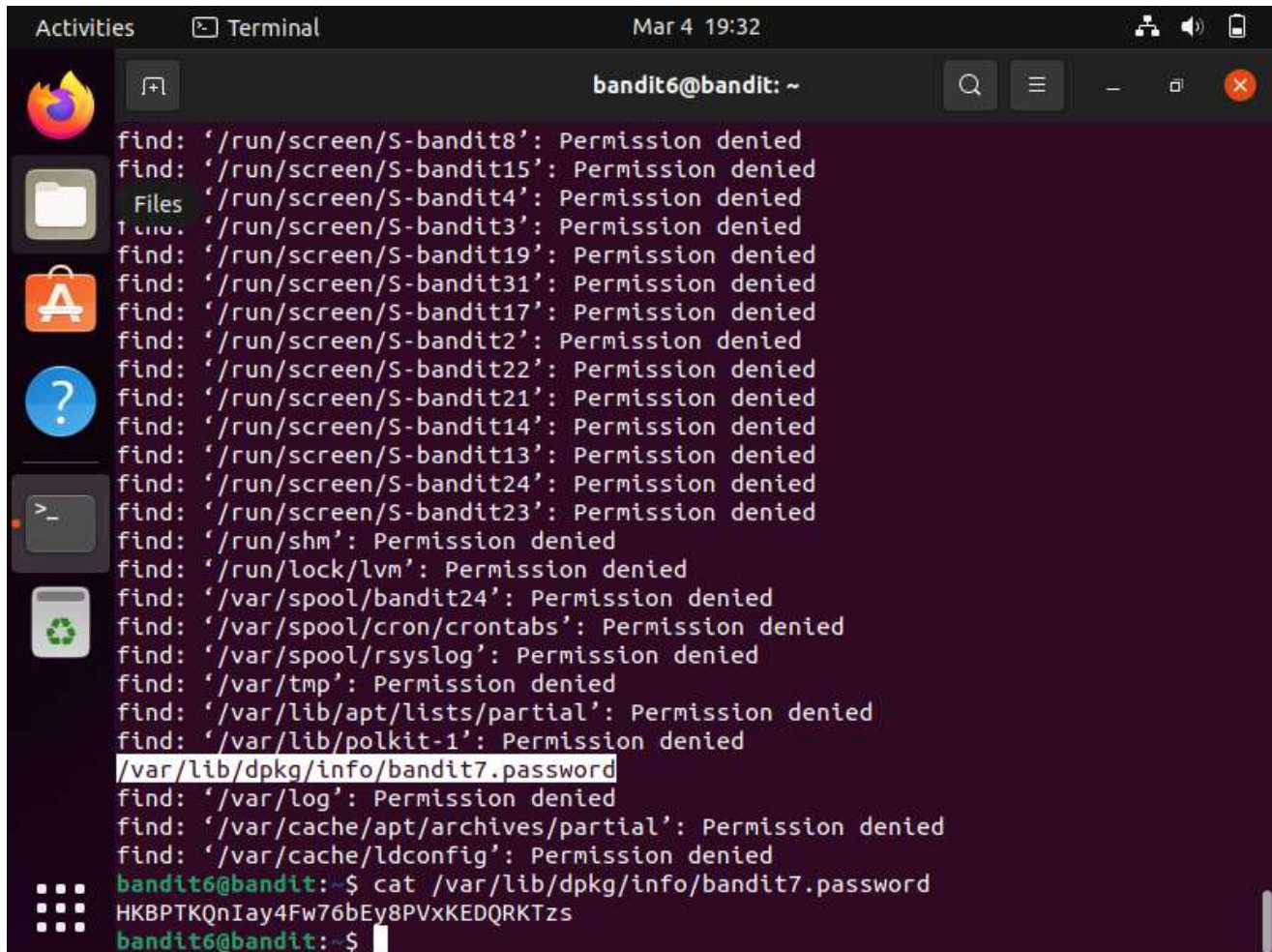
6<sup>th</sup> Password (DXjZPULLxYr17uwoI01bNLQbt FemEgo7)



A terminal window titled "Terminal" with a timestamp of "Mar 4 19:24". The window shows a series of commands and their outputs in a dark-themed environment. The user is working within the directory ~/inhere/maybehere07. The commands include listing files, attempting to run a non-existent command, using 'find' to locate a file of a specific size, navigating to the found file, listing its contents, and finally using 'cat' to read the file's contents, which reveals the password.

```
bandit5@bandit: ~/inhere/maybehere07
4 drwxr-x--- 2 root bandit5 4096 May  7  2020 maybehere19/
bandit5@bandit:~/inhere$ maybehere ./-*
-bash: maybehere: command not found
bandit5@bandit:~/inhere$ find . -size 1033c
./maybehere07/.file2
bandit5@bandit:~/inhere$ cd ./maybehere07/.file2
-bash: cd: ./maybehere07/.file2: Not a directory
bandit5@bandit:~/inhere$ cd maybehere07
bandit5@bandit:~/inhere/maybehere07$ ls
-file1 -file2 -file3 spaces file1 spaces file2 spaces file3
bandit5@bandit:~/inhere/maybehere07$ cat -file2
cat: invalid option -- 'f'
Try 'cat --help' for more information.
bandit5@bandit:~/inhere/maybehere07$ cat .file2
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
bandit5@bandit:~/inhere/may
behere07$
```

7<sup>th</sup> Password(HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs)



The image shows a terminal window titled "bandit6@bandit: ~" with a dark purple background. The terminal displays the output of a recursive find command. The output lists numerous files and directories, each followed by "Permission denied". The files include paths like /run/screen/S-bandit8, /run/screen/S-bandit15, /run/screen/S-bandit4, /run/screen/S-bandit3, /run/screen/S-bandit19, /run/screen/S-bandit31, /run/screen/S-bandit17, /run/screen/S-bandit2, /run/screen/S-bandit22, /run/screen/S-bandit21, /run/screen/S-bandit14, /run/screen/S-bandit13, /run/screen/S-bandit24, /run/screen/S-bandit23, /run/shm, /run/lock/lvm, /var/spool/bandit24, /var/spool/cron/crontabs, /var/spool/rsyslog, /var/tmp, /var/lib/apt/lists/partial, /var/lib/polkit-1, /var/lib/dpkg/info/bandit7.password, /var/log, /var/cache/apt/archives/partial, and /var/cache/ldconfig. The path /var/lib/dpkg/info/bandit7.password is highlighted. At the bottom, the user enters the command "cat /var/lib/dpkg/info/bandit7.password" and the terminal outputs the password "HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs".

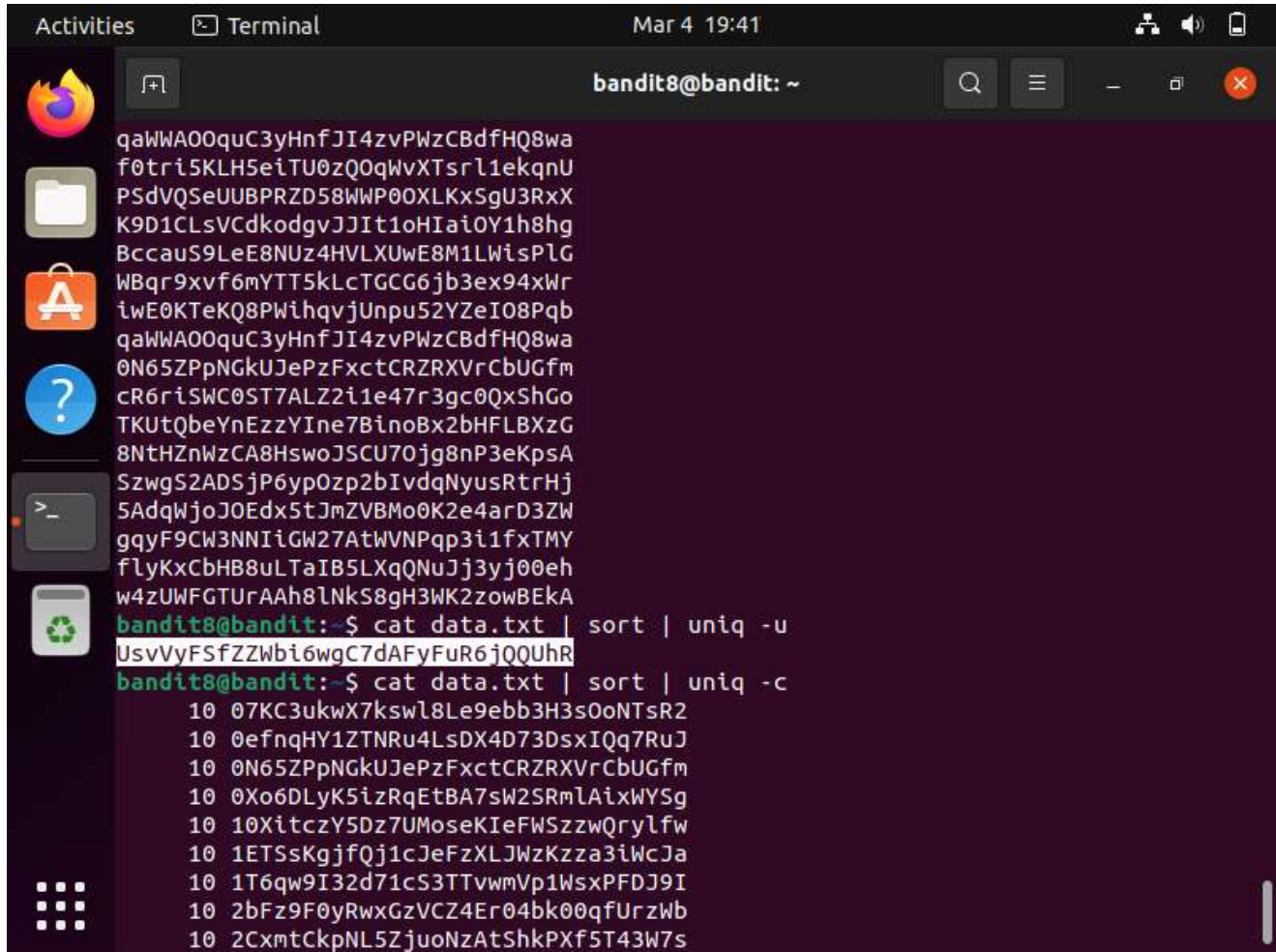
```
bandit6@bandit: ~  
find: '/run/screen/S-bandit8': Permission denied  
find: '/run/screen/S-bandit15': Permission denied  
find: '/run/screen/S-bandit4': Permission denied  
find: '/run/screen/S-bandit3': Permission denied  
find: '/run/screen/S-bandit19': Permission denied  
find: '/run/screen/S-bandit31': 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  
find: '/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:~$
```



8<sup>th</sup> Password(cvX2JJa4CFALtqS87jk27qwqGhBM9p1V)

```
Activities Terminal Mar 4 19:37
bandit7@bandit: ~
swaddled snDpr6ve7nuPsjBoTGLrmpOYomdhVzAH
garishness's UbK1yZ2nC02GEjArLASLw0bT8jg0p9rx
Benny's QQkZrdiFs47KckVLI5ifsFqtLcRxyjvZ
regulated sxJ8HT73fvZMMIicL50nhawcrsYGUIWP
knotting vh268WJXw10Snszed9MVAHD4rTP69LZr
hymnals 7MqsN32lfDbPigtAX6cwFbMZcPAMUoae
Fremont tCy02wC8xdpFqjLZ8xdBQYAHFZPHk7ls
punter's zAfzaA1IOuBSamCR6eMmRoc9oNXPQ16a
junking 6Tlr5K8YZ1d2Xsdku3TTFYXWB6WOMXyT
Aymara zSeUS0UyD8Q6a6YPwaClRBbk1x8kFBEC
waned gL59r6xvewh5y8t0mgiNtHtCUMG8S6Id
conceded TWLUptX3HbwD4qsYQQ9sEN0n0iNy79sC
kilned kLjrgoJvftIyUyotu0I4cxFcXQXbc6aS
Santayana KKn1I4fuWdzKyvffp1aYrBDzQa3Tr3Pk
Antigua dRyNieqAg00kCgrKVQFXMXS06vFARL55
heyday UAGwMlFzylGa4fHpQZEelUQEZ5JlUpyX
praiseworthiness's bJRBOuGXM4dH7ip9hHB3mbFBMMwLNKNq
separatism p2167YTCJseAv4YhLZNb2fs7JivlDLUW
plan PLz4ZXwX02fEe4oMd1I78wQXL4MIMxTf
confrontation KLHScgMgzyBQYxBXkxsjKcQ2A5erDIjL
briquet's aHc51xHj1t3ANF7jH26dd7mHWBfd8VKz
encapsulate STOVYQEMWtFz54JtjJRrhDXgZcfVw8lS
wildfowls PqcMofjmKj8NBvO9exdu7FY2NG6WUMzb
Finland xgXsIYgqUCMrIMoT7W2dSwTG1DCvbrvU
cat: grep: No such file or directory
cat: millionth: No such file or directory
bandit7@bandit:~$ cat data.txt | grep "millionth"
millionth cvX2JJa4CFALtqS87jk27qwqGhBM9p1V
bandit7@bandit:~$
```

9<sup>th</sup> Password(UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR)

A terminal window titled "bandit8@bandit: ~" with a dark purple background. The window shows the output of a password cracking attempt. The first command is a long string of base64-encoded characters. The second command is "cat data.txt | sort | uniq -u", which outputs the password "UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR". The third command is "cat data.txt | sort | uniq -c", which outputs a list of 10 password hashes and their frequencies.

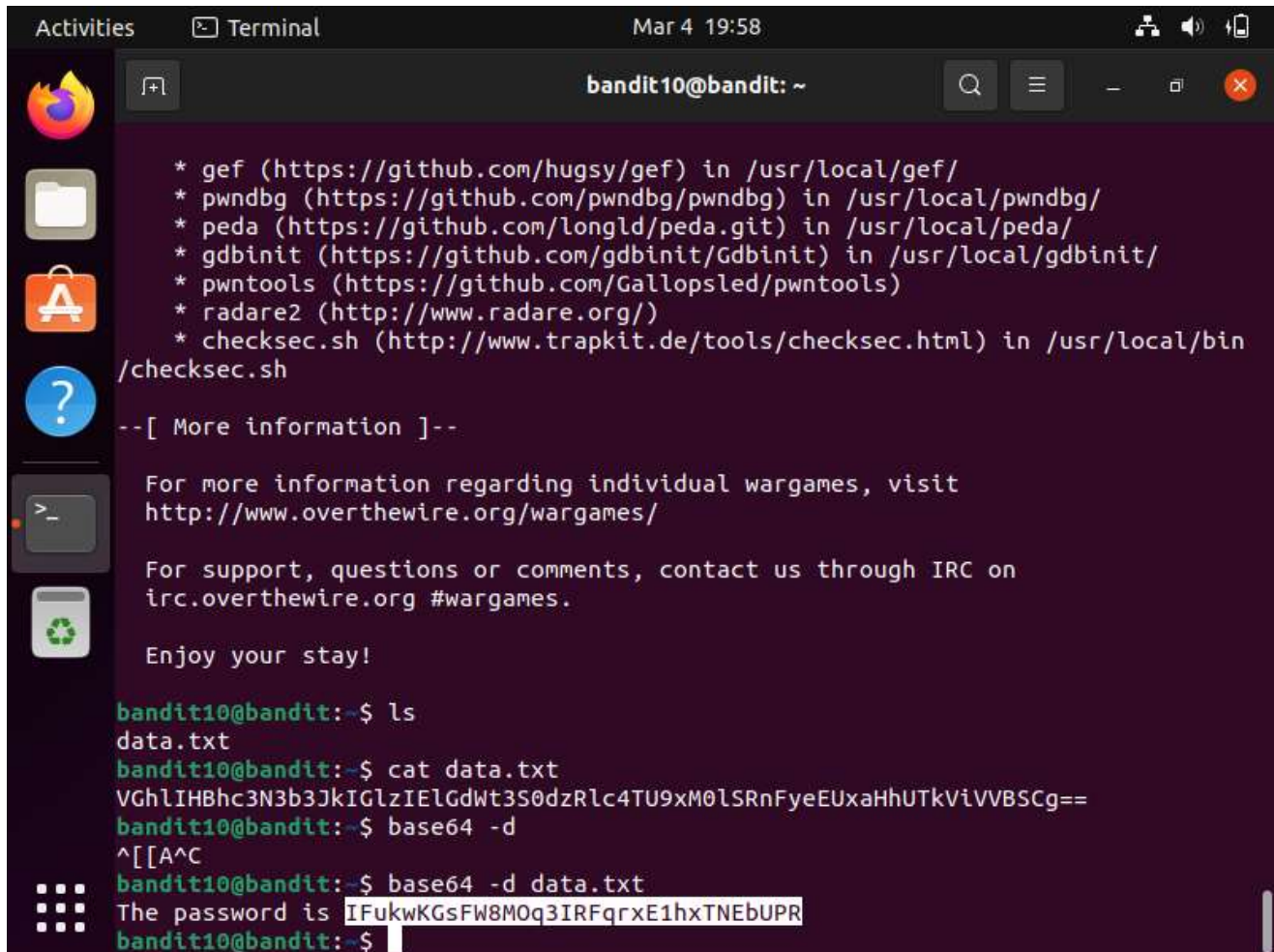
```
bandit8@bandit: ~  
qaWwA00quC3yHnfJI4zvPWzCBdfHQ8wa  
f0tri5KLH5eiTU0zQ0qWvXTsr11ekqnU  
PSdVQSeUUBPRZD58WWP00XLKxSgU3Rxx  
K9D1CLsVCdkodgvJJIt1oHiaioY1h8hg  
BccauS9LeE8NUz4HVLXUwE8M1LWispLG  
WBqr9xvf6mYTT5kLcTGC66jb3ex94xWr  
iwE0KTeKQ8PWihqvJUnpu52YZeIO8Pqb  
qaWwA00quC3yHnfJI4zvPWzCBdfHQ8wa  
0N65ZPpNGkUJePzFxcTCRZXVrCbUGfm  
cR6riSWC0ST7ALZ2i1e47r3gc0QxShGo  
TKUtQbeYnEzzYIne7BinoBx2bHFLBXzG  
8NthZnWzCA8HswoJSCU70jg8nP3eKpsA  
SzwgS2ADSjP6yp0zp2bIvdqNyusRtrHj  
5AdqWjoJ0Edx5tJmZVBMo0K2e4arD3ZW  
gqyF9CW3NNIiGW27AtwVNPqp3i1fxTMY  
flyKxCbHB8uLTaIB5LXqQNuJj3yj00eh  
w4zUWFGTUrAAh8lNks8gH3WK2zowBEKA  
bandit8@bandit:~$ cat data.txt | sort | uniq -u  
UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR  
bandit8@bandit:~$ cat data.txt | sort | uniq -c  
10 07KC3ukwX7kswl8Le9ebb3H3s0oNTsR2  
10 0efnqHY1ZTNRu4LsDX4D73DsXIqQ7RuJ  
10 0N65ZPpNGkUJePzFxcTCRZXVrCbUGfm  
10 0Xo6DLyK5izRqEtBA7sW2SRmLAixWYSg  
10 10XitczY5Dz7UMoseKIEFWszzwQrylfw  
10 1ETssKgjfQj1cJeFzXLJWzKzza3iWcJa  
10 1T6qw9I32d71cS3TTvmVp1WsxPFDJ9I  
10 2bFz9F0yRwxGzVCZ4Er04bk00qfUrzwB  
10 2CxmTckpNL5ZjuoNzAtShkPxf5T43W7s
```

10<sup>th</sup> Password (truKLdjsbJ5g7yyJ2X2R003a5HQQJFuLk)

```
Activities Terminal Mar 4 19:56 bandit9@bandit: ~
'K' 'iN@T@WkSbh}s&MDow@?}' 'YZÿ71USSJZP'uPC4;b1z8
.DD}[>2 WJUMC@jeb!0}ChRuP@j( 出J
\ -A:b25U0;l
?O]J<Mxj3H=eq2Z$`#m;ii/aP/RS et\[[b*  S
F@2$7A* zHRB-@p}eZA:/pT KA sCtY&Z/1x+BoU
ej8z?
33\wLnzSwS^ef}$Fd:R?X(i2E+n@
DeIieloo'ok;Zee/h1re)<[3XB( <@GeeeI{_.v%G m0öee!`
L.W>ooWvееHD1KOANKQof,7bandit9@bandit:~$ cat data.txt
| sort uniq
sort: cannot read: uniq: No such file or directory
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
&===== truKLdjsbJ5g7yyJ2X2R003a5HQQJFuLk
S=A.H&^
bandit9@bandit:~$ strings data.txt | grep "=="
===== the*2i"4
===== password
Z)===== is
&===== truKLdjsbJ5g7yyJ2X2R003a5HQQJFuLk
bandit9@bandit:~$
```



11<sup>th</sup> Password (IFukwKGsFW8M0q3IRFqrxE1hxTNEbUPR)

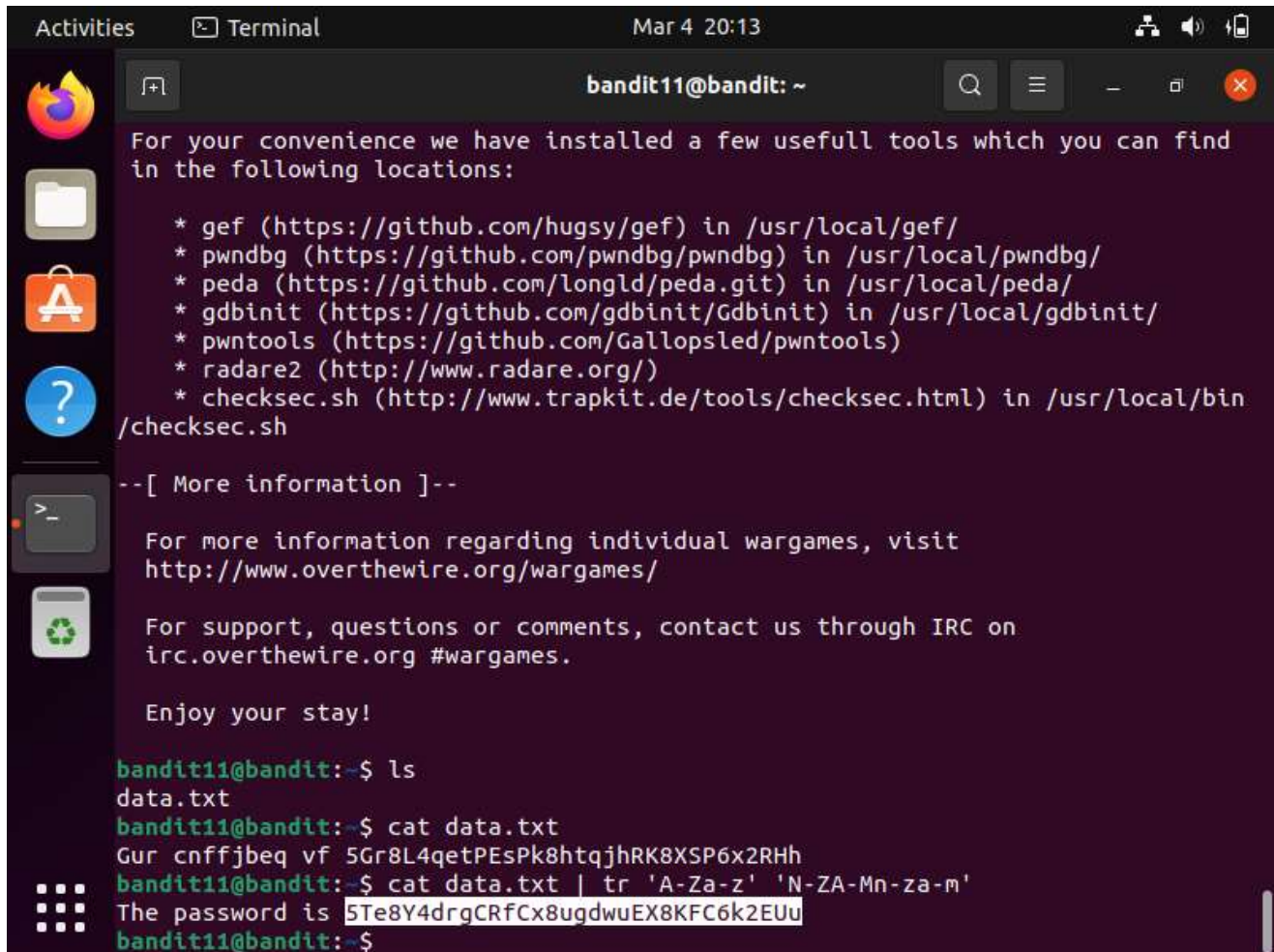


A terminal window titled "bandit10@bandit: ~" showing the output of the 11th level of the Bandit wargame. The window has a dark purple background and a sidebar on the left with icons for Firefox, Files, Applications, Help, and a terminal icon. The terminal output lists several tools and their locations, followed by a message about wargames and support. The user then runs a series of commands to decode a base64-encoded password.

```
bandit10@bandit: ~  
* 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!  
  
bandit10@bandit:~$ ls  
data.txt  
bandit10@bandit:~$ cat data.txt  
VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBSCg==  
bandit10@bandit:~$ base64 -d  
^[A^C  
bandit10@bandit:~$ base64 -d data.txt  
The password is IFukwKGsFW8M0q3IRFqrxE1hxTNEbUPR  
bandit10@bandit:~$
```



12<sup>th</sup> Password(5Te8Y4drgCRfCx8ugdWuEX8KFC6k2EUu)



```
Activities  Terminal  Mar 4 20:13  bandit11@bandit: ~

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 ]--

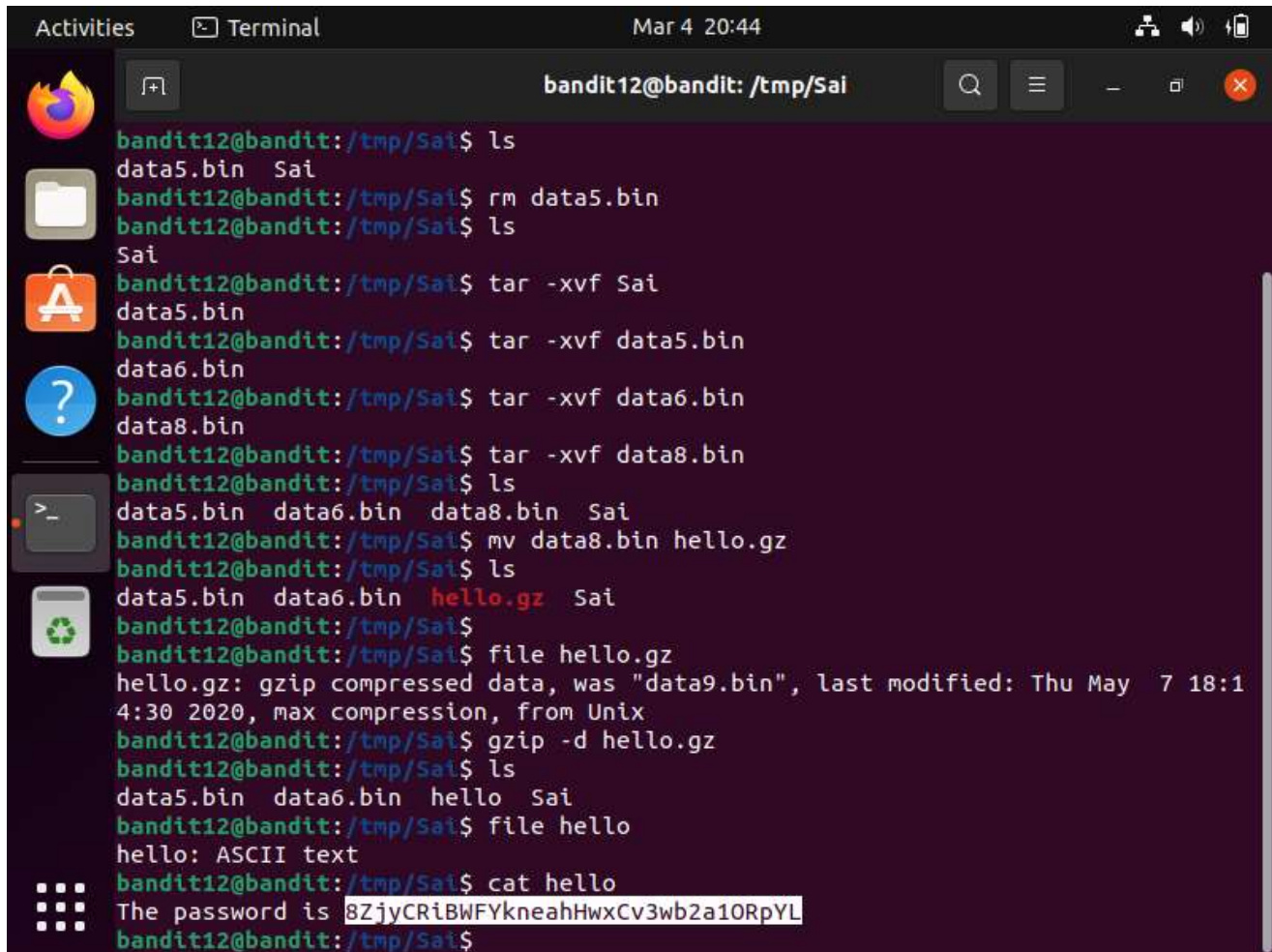
For more information regarding individual wargames, visit
http://www.overthewire.org/wargames/

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

Enjoy your stay!

bandit11@bandit:~$ ls
data.txt
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:~$
```

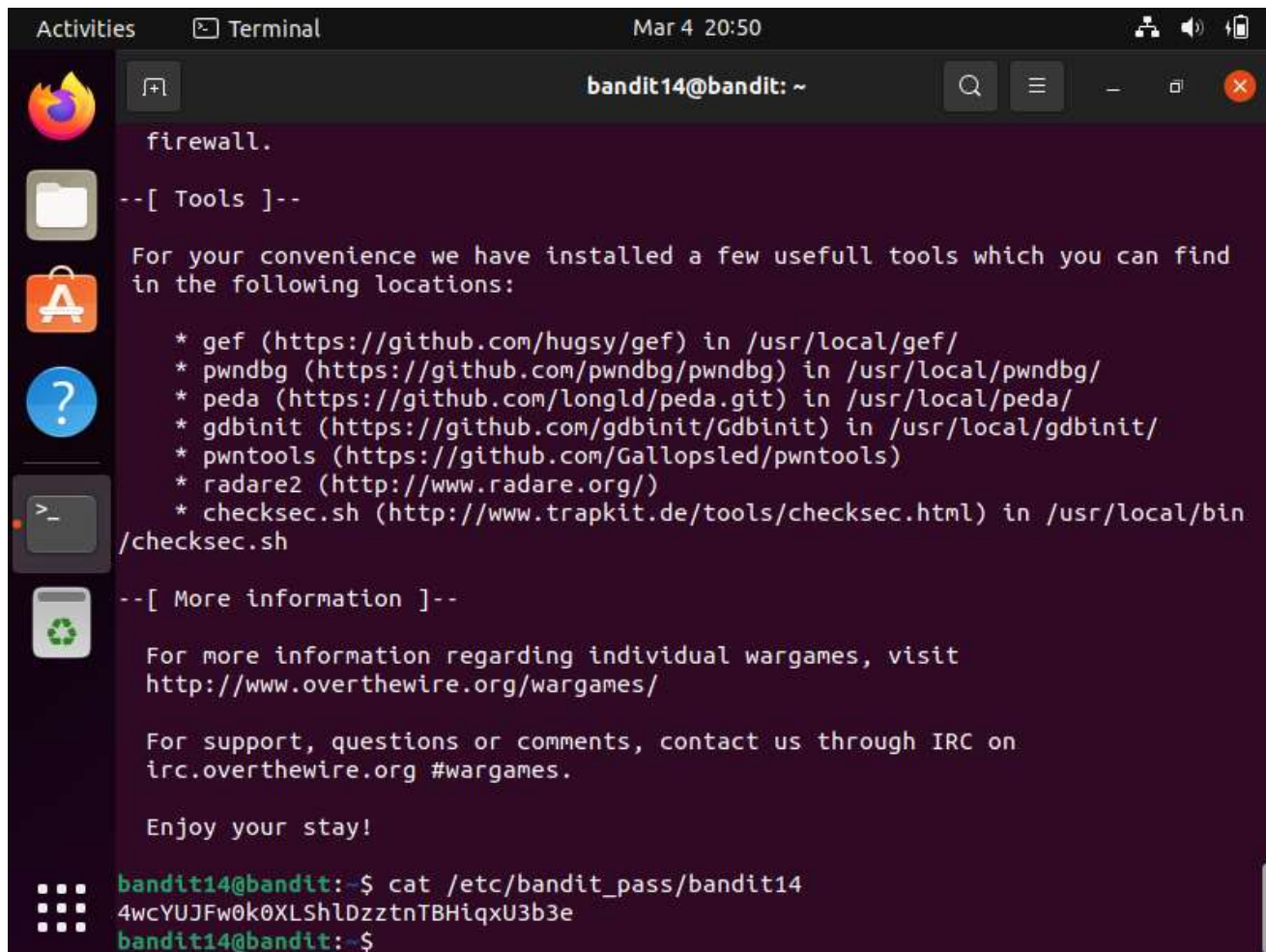
13<sup>th</sup> Password(8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL)



The image shows a terminal window titled "bandit12@bandit: /tmp/Sai" with a search bar and window controls. The terminal output shows the user performing a series of file operations to find a hidden password. The user lists files, removes 'data5.bin', and then uses 'tar' to extract 'Sai', 'data5.bin', 'data6.bin', and 'data8.bin'. After listing the files again, they move 'data8.bin' to 'hello.gz'. Using 'file' and 'gzip -d', they discover that 'hello.gz' is a gzip-compressed file containing the ASCII text 'hello'. Finally, they use 'cat' to reveal the password: '8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL'.

```
bandit12@bandit: /tmp/Sai$ ls
data5.bin  Sai
bandit12@bandit: /tmp/Sai$ rm data5.bin
bandit12@bandit: /tmp/Sai$ ls
Sai
bandit12@bandit: /tmp/Sai$ tar -xvf Sai
data5.bin
bandit12@bandit: /tmp/Sai$ tar -xvf data5.bin
data6.bin
bandit12@bandit: /tmp/Sai$ tar -xvf data6.bin
data8.bin
bandit12@bandit: /tmp/Sai$ tar -xvf data8.bin
bandit12@bandit: /tmp/Sai$ ls
data5.bin  data6.bin  data8.bin  Sai
bandit12@bandit: /tmp/Sai$ mv data8.bin hello.gz
bandit12@bandit: /tmp/Sai$ ls
data5.bin  data6.bin  hello.gz  Sai
bandit12@bandit: /tmp/Sai$ file hello.gz
hello.gz: gzip compressed data, was "data9.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit: /tmp/Sai$ gzip -d hello.gz
bandit12@bandit: /tmp/Sai$ ls
data5.bin  data6.bin  hello  Sai
bandit12@bandit: /tmp/Sai$ file hello
hello: ASCII text
bandit12@bandit: /tmp/Sai$ cat hello
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL
bandit12@bandit: /tmp/Sai$
```

14<sup>th</sup> Password(4wCYUJFw0k0XLShlDzztnTBHlqxU3b3e)



```
Activities Terminal Mar 4 20:50 bandit14@bandit: ~
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
4wCYUJFw0k0XLShlDzztnTBHlqxU3b3e
bandit14@bandit:~$
```

15<sup>th</sup> Password (BfMYroe26WYalil77FoDi9qh59eK5xNr)

```
Activities  Terminal  Mar 4 20:52  bandit14@bandit: ~

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/

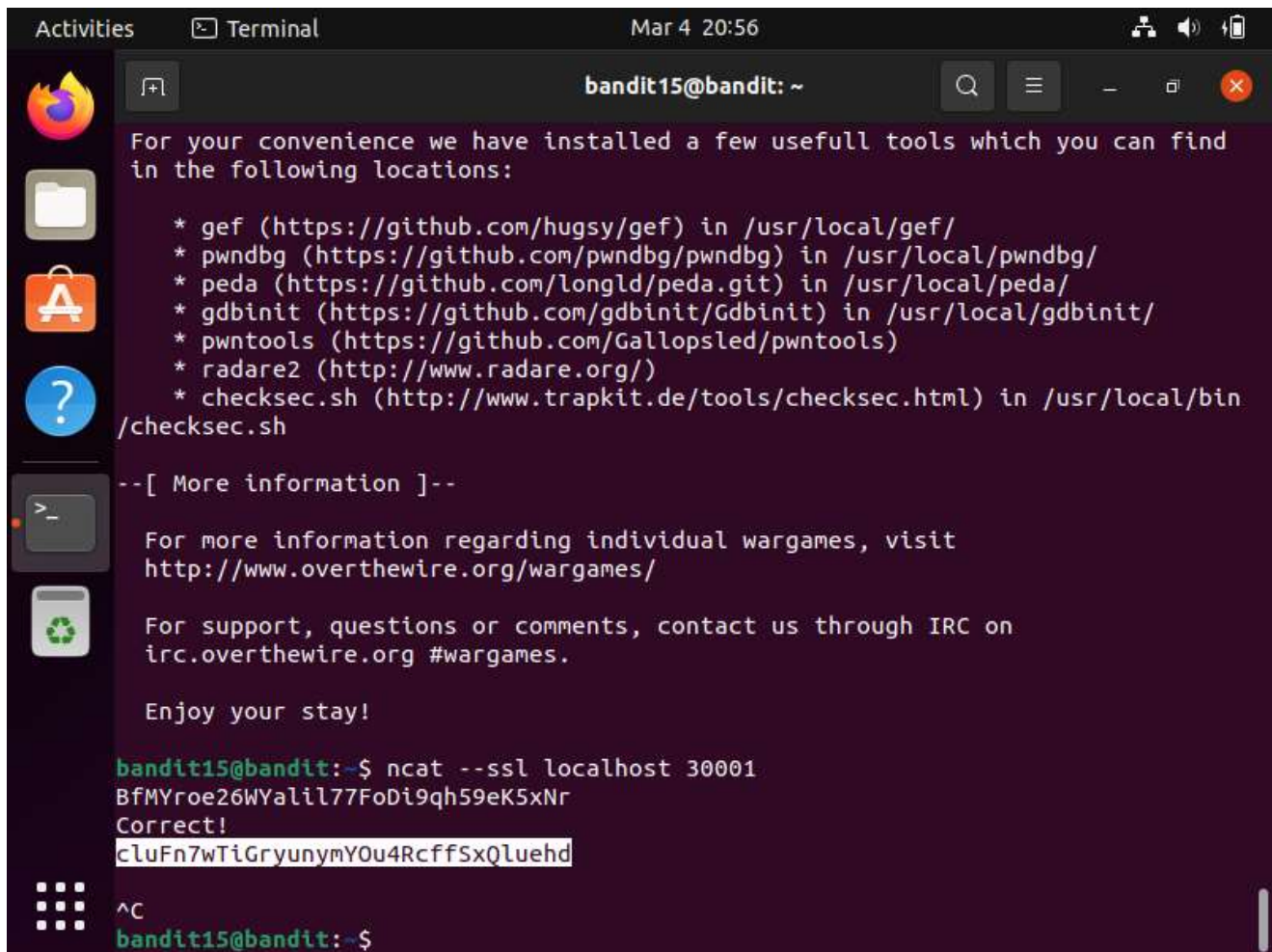
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.

Enjoy your stay!

bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHlqxU3b3e
bandit14@bandit:~$ nc localhost 30000
4wcYUJFw0k0XLShlDzztnTBHlqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
bandit14@bandit:~$
```



16<sup>th</sup> Password(cluFn7wTiGryunymY0U4RcffSxQluehd)



The image shows a terminal window titled "bandit15@bandit: ~" with a dark purple background. The window displays a list of installed tools and their locations, followed by a message about wargames and support. The user then runs a netcat listener on port 30001, which receives a connection from "BfMYroe26WYalil77FoDi9qh59eK5xNr". The user provides the password "cluFn7wTiGryunymY0u4RcffSxQluehd", which is accepted as correct. The terminal ends with a carriage return (^C) and the prompt "bandit15@bandit:~\$".

```
bandit15@bandit: ~
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!

bandit15@bandit:~$ ncat --ssl localhost 30001
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
cluFn7wTiGryunymY0u4RcffSxQluehd

^C
bandit15@bandit:~$
```