

```
C:\Program Files\Cmder
λ hostname
LAPTOP-DE749JSM

C:\Program Files\Cmder
λ ssh bandit0@bandit.labs.overthewire.org -p 2220

bandit

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

bandit0@bandit.labs.overthewire.org's password:

OverTheWire

Welcome to OverTheWire!

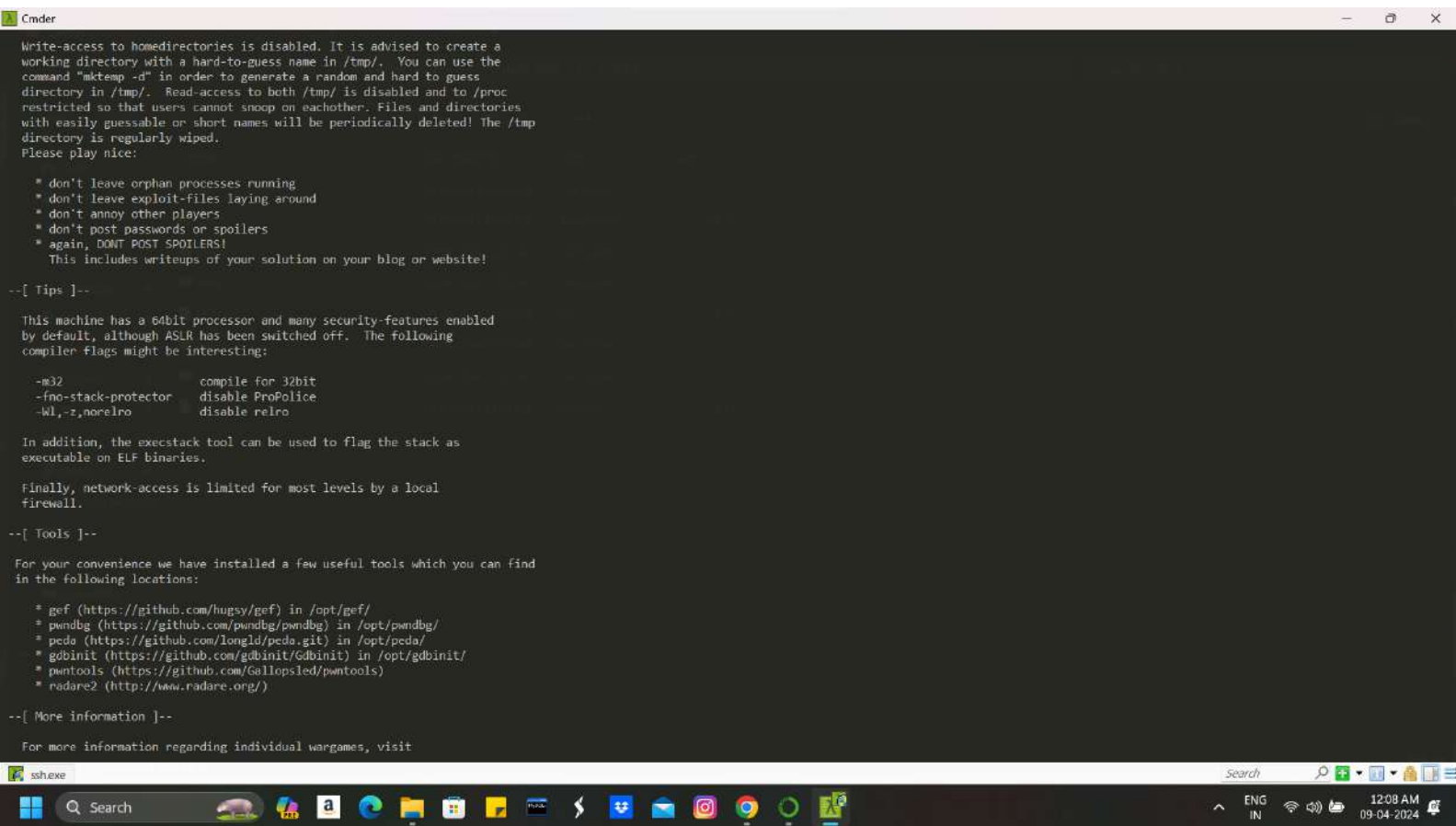
If you find any problems, please report them to the #wargames channel on
discord or IRC.

--[ 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/.
```





```
Cmder

-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 useful tools which you can find
in the following locations:

* gef (https://github.com/hugsy/gef) in /opt/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /opt/pwndbg/
* peda (https://github.com/longld/peda.git) in /opt/peda/
* gdbinit (https://github.com/gdbinit/Gdbinit) in /opt/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)
* radare2 (http://www.radare.org/)

--[ More information ]--

For more information regarding individual wargames, visit
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For support, questions or comments, contact us on discord or IRC.

Enjoy your stay!

bandit0@bandit:~$ hostname
bandit
bandit0@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root  root  4096 Oct  5 2023 ./
4 drwxr-xr-x 70 root  root  4096 Oct  5 2023 ../
4 -rw-r--r--  1 root  root   220 Jan  6 2022 .bash_logout
4 -rw-r--r--  1 root  root  3771 Jan  6 2022 .bashrc
4 -rw-r--r--  1 root  root   807 Jan  6 2022 .profile
4 -rw-r----- 1 bandit bandit0 33 Oct  5 2023 readme
bandit0@bandit:~$ cat readme
MH2SXQwC8DpmIEzi3bv8MPSHG6vVxjL
bandit0@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

ssh.exe

Search

ENG IN 12:09 AM 09-04-2024

```
Cmder
C:\Program Files\cmder
λ hostname
LAPTOP-DE749JSM

C:\Program Files\cmder
λ ssh bandit1@bandit.labs.overthewire.org -p 2220

bandit
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  (oo)\_______
  (__)\       )\/\
  ||----w |
  ||     ||

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

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

OMG
www. ver he ire.org

Welcome to OverTheWire!

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discord or IRC.

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Cmder

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/ is disabled and to /proc
restricted so that users cannot snoop on eachother. Files and directories
with easily guessable or short names will be periodically deleted! The /tmp
directory is regularly wiped.
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 ]--

This machine has a 64bit processor and many security-features enabled
by default, although ASLR has been switched off. The following
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ssh.exe
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Enjoy your stay!

bandit1@bandit:~$ ls -alps
total 24
4 -rw-r----- 1 bandit2 bandit1 33 Oct 5 2023 -
4 drwxr-xr-x 2 root root 4096 Oct 5 2023 /
4 drwxr-xr-x 70 root root 4096 Oct 5 2023 ../
4 -rw-r--r-- 1 root root 220 Jan 6 2022 .bash_logout
4 -rw-r--r-- 1 root root 3771 Jan 6 2022 .bashrc
4 -rw-r--r-- 1 root root 807 Jan 6 2022 .profile
bandit1@bandit:~$ cat ~/.
rRGizSaX8Pk1RTb1CNQoXTcYZWU6lgzi
bandit1@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

ssh.exe

Search

ENG IN 12:09 AM 09-04-2024

```
C:\Program Files\cmdr
λ hostname
LAPTOP-DE749JSM

C:\Program Files\cmdr
λ ssh bandit2@bandit.labs.overthewire.org -p 2220

      bandit

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

bandit2@bandit.labs.overthewire.org's password:

      OoM

www. ver he ire.org

Welcome to OverTheWire!

If you find any problems, please report them to the #wargames channel on
discord or IRC.

--[ Playing the games ]--

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If you are playing "somegame", then:

* USERNAMES are somegame0, somegame1, ...
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Cmder

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ssh.exe
```




```
Cmder

by default, although ASLR has been switched off. The following
compiler flags might be interesting:

-m32             compile for 32bit
-fno-stack-protector  disable ProPolice
-k1,-z,norelro   disable relro

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Enjoy your stay!

bandit2@bandit:~$ ls -alps
total 24
4 drwxr-xr-x  2 root  root  4096 Oct  5  2023 ./
4 drwxr-xr-x 70 root  root  4096 Oct  5  2023 ../
4 -rw-r--r--  1 root  root   220 Jan  6  2022 .bash_logout
4 -rw-r--r--  1 root  root  3771 Jan  6  2022 .bashrc
4 -rw-r--r--  1 root  root   807 Jan  6  2022 .profile
4 -rw-r-----  1 bandit3 bandit2 33 Oct  5  2023 spaces in this filename
bandit2@bandit:~$ cat spaces\ in\ this\ filename
aBZ0W5EmUFAF7KHTQeOwd8bauFJ21A1G
bandit2@bandit:~$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

```
cmd.exe

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

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* gdbinit (https://github.com/gdbinit/Gdbinit) in /opt/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)
* redore2 (http://www.radare.org/)

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Enjoy your stay!

bandit3@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 3 root root 4096 Oct 5 2023 ./
4 drwxr-xr-x 70 root root 4096 Oct 5 2023 ../
4 -rw-r--r-- 1 root root 220 Jan 6 2022 .bash_logout
4 -rw-r--r-- 1 root root 3771 Jan 6 2022 .bashrc
4 drwxr-xr-x 2 root root 4096 Oct 5 2023 inhere/
4 -rw-r--r-- 1 root root 807 Jan 6 2022 .profile
bandit3@bandit:~$ cd inhere/
bandit3@bandit:~/inhere$ ls -al
total 12
drwxr-xr-x 2 root root 4096 Oct 5 2023 .
drwxr-xr-x 3 root root 4096 Oct 5 2023 ..
-rw-r----- 1 bandit4 bandit3 33 Oct 5 2023 .hidden
bandit3@bandit:~/inhere$ cat .hidden
2Ek78B8sr6aIMoJ2HjW067dm8EgX26xHe
bandit3@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

```
C:\Program Files\cmdr
λ hostname
LAPTOP-DE749JSM

C:\Program Files\cmdr
λ ssh bandit4@bandit.labs.overthewire.org -p 2220

bandit4@bandit.labs.overthewire.org's password:

Welcome to OverTheWire!

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

bandit4@bandit.labs.overthewire.org's password:

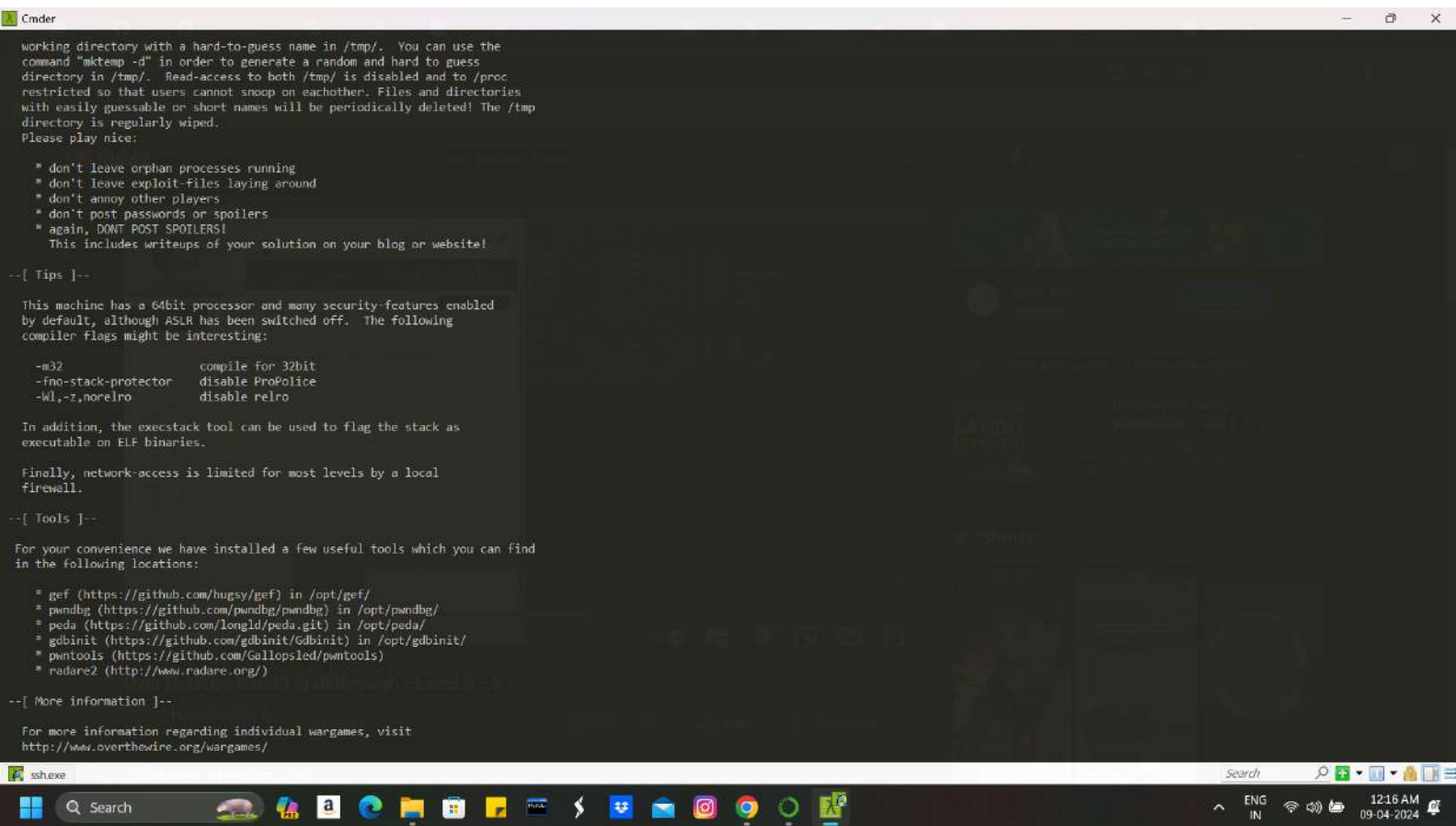
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If you are playing "somegame", then:

* USERNAMES are somegame0, somegame1, ...
* Most LEVELS are stored in /somegame/.
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```



```
Cmdr

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Enjoy your stay!

bandit4@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 3 root root 4096 Oct 5 2023 ./
4 drwxr-xr-x 70 root root 4096 Oct 5 2023 ../
4 -rw-r--r-- 1 root root 220 Jan 6 2022 .bash_logout
4 -rw-r--r-- 1 root root 3771 Jan 6 2022 .bashrc
4 drwxr-xr-x 2 root root 4096 Oct 5 2023 inhere/
4 -rw-r--r-- 1 root root 807 Jan 6 2022 .profile
bandit4@bandit:~$ cd inhere/
bandit4@bandit:~/inhere$ find . -type f | xargs file
./-file01: data
./-file02: data
./-file08: data
./-file06: data
./-file00: data
./-file04: data
./-file05: data
./-file07: ASCII text
./-file03: data
./-file09: data
bandit4@bandit:~/inhere$ cat ./-file07
lrIWMi6b837kxfiCQzqUdOIYfr6eEqR
bandit4@bandit:~/inhere$ exit
logout
Connection to bandit.labs.overthewire.org closed.
```

```
Cmder
C:\Program Files\Cmder
λ ssh bandit5@bandit.labs.overthewire.org -p 2220

bandit

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

bandit5@bandit.labs.overthewire.org's password:

OverTheWire

www. ver he ire.org

Welcome to OverTheWire!

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

* USERNAMES are somegame0, somegame1, ...
* Most LEVELS are stored in /somegame/.
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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
```

```
bandit5@bandit:~$ ls -alps
total 24
4 drwxr-xr-x 3 root root 4096 Oct 5 2023 ./
4 drwxr-xr-x 70 root root 4096 Oct 5 2023 ../
4 -rwxr-xr-x 1 root root 220 Jan 6 2022 .bash_logout
4 -rwxr-xr-x 1 root root 3771 Jan 6 2022 .bashrc
4 drwxr-xr-x 22 root bandit5 4096 Oct 5 2023 inhere/
4 -rwxr-xr-x 1 root root 807 Jan 6 2022 .profile
bandit5@bandit:~$ cd inhere/
bandit5@bandit:~/inhere$ ls -al
total 88
drwxr-xr-x 22 root bandit5 4096 Oct 5 2023 .
drwxr-xr-x 3 root root 4096 Oct 5 2023 ..
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere00
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere01
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere02
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere03
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere04
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere05
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere06
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere07
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere08
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere09
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere10
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere11
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere12
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere13
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drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere15
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere16
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere17
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere18
drwxr-xr-x 2 root bandit5 4096 Oct 5 2023 maybehere19
bandit5@bandit:~/inhere$ find . -type f -size 1033c ! -executable
./maybehere07/.file2
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2
P4L4vucdLm8I7V17jG1Ap65fjYKq3U
bandit5@bandit:~/inhere$ exit

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