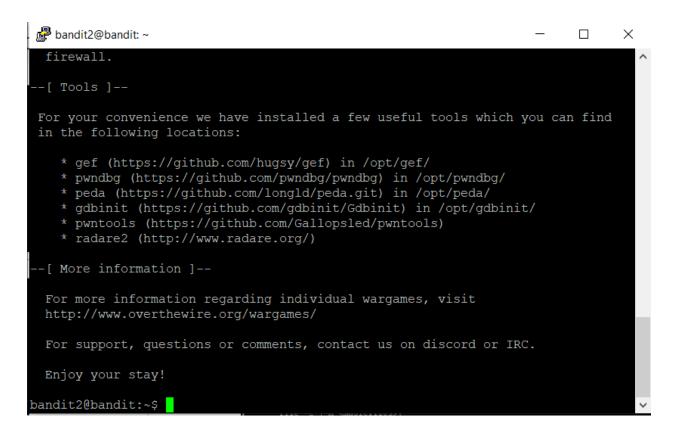OvertheWire
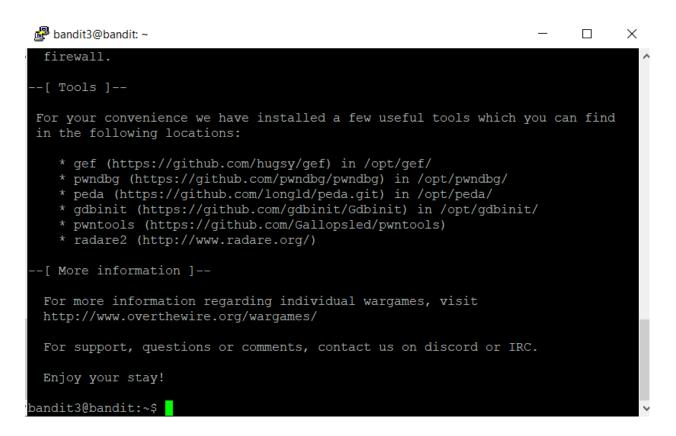Bandit

```
        * 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
  http://www.overthewire.org/wargames/

  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit0@bandit:~$ ls
readme
bandit0@bandit:~$ sudo nano readme
sudo: /usr/bin/sudo must be owned by uid 0 and have the setuid bit set
bandit0@bandit:~$ file readme
readme: ASCII text
bandit0@bandit:~$ cat readme
NH2SXQwcBdpmTEzi3bvBHMM9H66vVXjL
bandit0@bandit:~$ fi
```

```
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/.

  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/ 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
```

```
  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
  http://www.overthewire.org/wargames/

  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit1@bandit:~$
```

```
bandit1@bandit: ~

bandit1@bandit:~$ cd -
-bash: cd: OLDPWD not set
bandit1@bandit:~$ ls
-
bandit1@bandit:~$ cat
^C
bandit1@bandit:~$ cat -
^C
bandit1@bandit:~$ file
Usage: file [-bcCdEhikLlNnprsSvzZ0] [--apple] [--extension] [--mime-encoding]
            [--mime-type] [-e <testname>] [-F <separator>]  [-f <namefile>]
            [-m <magicfiles>] [-P <parameter=value>] [--exclude-quiet]
            <file> ...
       file -C [-m <magicfiles>]
       file [--help]
bandit1@bandit:~$ find -
-
bandit1@bandit:~$ cat -
^C
bandit1@bandit:~$ cat ./
cat: ./: Is a directory
bandit1@bandit:~$ cat ./-
rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi
bandit1@bandit:~$
```

rRGizSaX8Mk1RTb1CNQoXTcYZWU6lgzi

```
bandit2@bandit: ~                                    —    □    ×

 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
 http://www.overthewire.org/wargames/

 For support, questions or comments, contact us on discord or IRC.

 Enjoy your stay!

bandit2@bandit:~$
```

```
    * 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
  http://www.overthewire.org/wargames/

  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit2@bandit:~$ ls
spaces in this filename
bandit2@bandit:~$ cd "spaces in this filename"
-bash: cd: spaces in this filename: Not a directory
bandit2@bandit:~$ cat 'spaces in this filename'
aBZ0W5EmUfAf7kHTQeOwd8bauFJ2lAiG
bandit2@bandit:~$
```

aBZ0W5EmUfAf7kHTQeOwd8bauFJ2lAiG

```
  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
  http://www.overthewire.org/wargames/

  For support, questions or comments, contact us on discord or IRC.

  Enjoy your stay!

bandit3@bandit:~$
```

```
Usage: file [-bcCdEhikLlNnprsSvzZ0] [--apple] [--extension] [--mime-encoding]
            [--mime-type] [-e <testname>] [-F <separator>] [-f <namefile>]
            [-m <magicfiles>] [-P <parameter=value>] [--exclude-quiet]
            <file> ...
        file -C [-m <magicfiles>]
        file [--help]
bandit3@bandit:~/inhere$ cd ..
bandit3@bandit:~$ file inhere
inhere: directory
bandit3@bandit:~$ cat inhere
cat: inhere: Is a directory
bandit3@bandit:~$ find inhere
inhere
inhere/.hidden
bandit3@bandit:~$ cd inhere
bandit3@bandit:~/inhere$ find .hidden
.hidden
bandit3@bandit:~/inhere$ ls
bandit3@bandit:~/inhere$ cd .hidden
-bash: cd: .hidden: Not a directory
bandit3@bandit:~/inhere$ cat find .hidden
cat: find: No such file or directory
2EW7BBsr6aMMoJ2HjW067dm8EgX26xNe
bandit3@bandit:~/inhere$ 2EW7BBsr6aMMoJ2HjW067dm8EgX26xNe
```

2EW7BBsr6aMMoJ2HjW067dm8EgX26xNe


```
--[ 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
 http://www.overthewire.org/wargames/

 For support, questions or comments, contact us on discord or IRC.

 Enjoy your stay!

bandit4@bandit:~$
bandit4@bandit:~$
```

```
bandit4@bandit:~/inhere$ ls
-file00  -file02  -file04  -file06  -file08
-file01  -file03  -file05  -file07  -file09
bandit4@bandit:~/inhere$ file ./file00
./file00: cannot open `./file00' (No such file or directory)
bandit4@bandit:~/inhere$ file ./-file00
./-file00: data
bandit4@bandit:~/inhere$ file ./-file01
./-file01: data
bandit4@bandit:~/inhere$ file ./-file02
./-file02: data
bandit4@bandit:~/inhere$ file ./-file03
./-file03: data
bandit4@bandit:~/inhere$ file ./-file04
./-file04: data
bandit4@bandit:~/inhere$ file ./-file05
./-file05: data
bandit4@bandit:~/inhere$ file ./-file06
./-file06: data
bandit4@bandit:~/inhere$ file ./-file07
./-file07: ASCII text
bandit4@bandit:~/inhere$ cat ./-file07
lrIWWI6bB37kxfiCQZqUdOIYfr6eEeqR
bandit4@bandit:~/inhere$
```

lrIWWI6bB37kxfiCQZqUdOIYfr6eEeqR

```
   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
 http://www.overthewire.org/wargames/

 For support, questions or comments, contact us on discord or IRC.

 Enjoy your stay!

bandit5@bandit:~$
```

P4L4vucdmLnm8I7Vl7jG1ApGSfjYKqJU


```
bandit5@bandit:~/inhere/maybehere07$ cat fil22
cat: fil22: No such file or directory
bandit5@bandit:~/inhere/maybehere07$ cat file2
cat: file2: No such file or directory
bandit5@bandit:~/inhere/maybehere07$ cd ./.file2
-bash: cd: ./.file2: Not a directory
bandit5@bandit:~/inhere/maybehere07$ cd ..
bandit5@bandit:~/inhere$ cd ..
bandit5@bandit:~$ cat ./inhere/maybehere07/.file2
P4L4vucdmLnm8I7Vl7jG1ApGSfjYKqJU
```

```
bandit5@bandit:~$ P4L4vucdmLnm8I7Vl7jG1A
pGSfjYKqJU
```



```
 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
 http://www.overthewire.org/wargames/

 For support, questions or comments, contact us on discord or IRC.

 Enjoy your stay!

bandit6@bandit:~$
```