# 1.Cat: not the pet, but the command

Here they talk about cat, a command used to read out files. So to get the flag

## Command line

hacker@commands~cat-not-the-pet-but-the-command:~$ cat flag

pwn.college

# 2.catting absolute paths

Here we use cat command with an absolute path as its argument.

## Command line:

hacker@commands~catting-absolute-paths:~$ cat /flag

pwn.college

# 3.more catting practice

We can’t cd into the directory so we must us the given path as the argument to the flag.

## Command line:

must retrieve the flag by

absolute path. Plus, I hid the flag in a different directory! You can find it

in the file /usr/include/bsd/flag. Go cat it out \*\*without\*\* cding into that

directory!

hacker@commands~more-catting-practice:~$ cat /usr/include/bsd/flag

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# 4.grepping for a needle in a haystack

The grep command is use to find lines with specific text

## Command line:

hacker@commands~grepping-for-a-needle-in-a-haystack:~$ grep pwn.college /challenge/data.txt

pwn.college

# 5.listing files

Ok so ls command lists the files in a directory

## Command line:

hacker@commands~listing-files:~$ ls /challenge

5977-renamed-run-368 DESCRIPTION.md

hacker@commands~listing-files:~$ /challenge/5977-renamed-run-368

Yahaha, you found me! Here is your flag:

pwn.college

# 6.touching files

 You can create a new, blank file by *touching* it with the touch command. To get the flag create two files.

## Command line:

hacker@commands~touching-files:~$ cd /tmp

hacker@commands~touching-files:/tmp$ touch pwn

hacker@commands~touching-files:/tmp$ touch college

hacker@commands~touching-files:/tmp$ ls

bin college hsperfdata\_root pwn tmp.G9qthVCks5

hacker@commands~touching-files:/tmp$ /challenge/run

Success! Here is your flag:

pwn.college

# 7.removing files

It’s simple, the rm command removes a file

## Command line:

hacker@commands~removing-files:~$ ls

a asdf delete\_me

hacker@commands~removing-files:~$ rm delete\_me

hacker@commands~removing-files:~$ ls

a asdf

hacker@commands~removing-files:~$ /challenge/check

Excellent removal. Here is your reward:

pwn.college

# 8.hidden files

Well well, so we can some hid files using **.** but still we can view it by using **ls -a**

## Command line:

hacker@commands~hidden-files:~$ cd /

hacker@commands~hidden-files:/$ ls

bin dev lib libx32 nix root srv usr

boot etc lib32 media opt run sys var

challenge home lib64 mnt proc sbin tmp

hacker@commands~hidden-files:/$ ls -a

. boot lib mnt run usr

.. challenge lib32 nix sbin var

.dockerenv dev lib64 opt srv

.flag-309651189113705 etc libx32 proc sys

bin home media root tmp

hacker@commands~hidden-files:/$ cat .flag-309651189113705

pwn.college

# 9.an epic filesystem quest

All the commands learnt before this were put to the test.

## Command line:

# 10.making directories

Now we can create directories using the mkdir command

## Command line:

hacker@commands~making-directories:~$ ls

a asdf

hacker@commands~making-directories:~$ cd /

hacker@commands~making-directories:/$ ls

bin dev home lib64 mnt proc sbin tmp

boot etc lib libx32 nix root srv usr

challenge flag lib32 media opt run sys var

hacker@commands~making-directories:/$ cd tmp

hacker@commands~making-directories:/tmp$ ls

bin hsperfdata\_root tmp.G9qthVCks5

hacker@commands~making-directories:/tmp$ mkdir pwn

hacker@commands~making-directories:/tmp$ ls

bin hsperfdata\_root pwn tmp.G9qthVCks5

hacker@commands~making-directories:/tmp$ cd pwn

hacker@commands~making-directories:/tmp/pwn$ ls

hacker@commands~making-directories:/tmp/pwn$ touch college

hacker@commands~making-directories:/tmp/pwn$ ls

college

hacker@commands~making-directories:/tmp/pwn$ /challenge/run

Success! Here is your flag:

pwn.college

# 11.finding files

The challenge statement instructs us to find a file flag which is in some random directory in the filesystem. This can be done by using the find command

(but still I got it on the first time hahaha)

## Command lines:

hacker@commands~finding-files:~$ find -name flag

hacker@commands~finding-files:~$ find / -name flag

find: ‘/root’: Permission denied

find: ‘/etc/ssl/private’: Permission denied

find: ‘/tmp/tmp.G9qthVCks5’: Permission denied

/usr/local/share/radare2/5.9.5/flag

/usr/local/lib/python3.8/dist-packages/pwnlib/flag

/usr/share/doc/libsodium23/flag

find: ‘/var/cache/apt/archives/partial’: Permission denied

find: ‘/var/cache/ldconfig’: Permission denied

find: ‘/var/cache/private’: Permission denied

find: ‘/var/log/private’: Permission denied

find: ‘/var/log/apache2’: Permission denied

find: ‘/var/log/mysql’: Permission denied

find: ‘/var/lib/apt/lists/partial’: Permission denied

find: ‘/var/lib/mysql-keyring’: Permission denied

find: ‘/var/lib/php/sessions’: Permission denied

find: ‘/var/lib/private’: Permission denied

find: ‘/var/lib/mysql-files’: Permission denied

find: ‘/var/lib/mysql’: Permission denied

find: ‘/run/mysqld’: Permission denied

find: ‘/run/sudo’: Permission denied

find: ‘/proc/tty/driver’: Permission denied

find: ‘/proc/1/task/1/fd’: Permission denied

find: ‘/proc/1/task/1/fdinfo’: Permission denied

find: ‘/proc/1/task/1/ns’: Permission denied

find: ‘/proc/1/fd’: Permission denied

find: ‘/proc/1/map\_files’: Permission denied

find: ‘/proc/1/fdinfo’: Permission denied

find: ‘/proc/1/ns’: Permission denied

find: ‘/proc/7/task/7/fd’: Permission denied

find: ‘/proc/7/task/7/fdinfo’: Permission denied

find: ‘/proc/7/task/7/ns’: Permission denied

find: ‘/proc/7/fd’: Permission denied

find: ‘/proc/7/map\_files’: Permission denied

find: ‘/proc/7/fdinfo’: Permission denied

find: ‘/proc/7/ns’: Permission denied

/opt/pwndbg/.venv/lib/python3.8/site-packages/pwnlib/flag

/opt/radare2/libr/flag

/nix/store/pmvk2bk4p550w182rjfm529kfqddnvh3-python3.11-pwntools-4.12.0/lib/python3.11/site-packages/pwnlib/flag

/nix/store/1yagn5s8sf7kcs2hkccgf8d0wxlrv5sz-radare2-5.9.0/share/radare2/5.9.0/flag

hacker@commands~finding-files:~$ cat /usr/share/doc/libsodium23/flag

pwn.college