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Magikarp Ground Mission







General Skills picoCTF 2021

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Description

Do you know how to move between directories and read files in the shell? Start the container, 'ssh' to it, and then 'Is' once connected to begin. Login via 'ssh' as `ctf-player` with the password, `a13b7f9d`

This challenge launches an instance on demand.

Its current status is:

RUNNING

Instance Time Remaining:

59:27

Restart Instance

CHALLENGE

ENDPOINTS

SSH

ssh ctf-player@venus.picoctf.net -p 51205

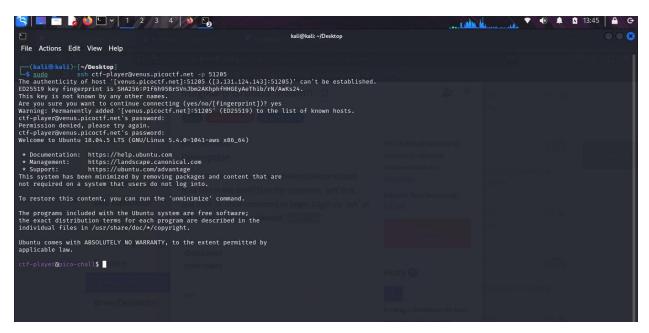
Hints ?



Finding a cheatsheet for bash would be really helpful!

Solution

I accessed the given machine via ssh from my kali machine.



After a successful login, I began navigating the file system using commands like cd to navigate directories, ls to list files in directories, etc.



I found two text files and used cat command to view their contents. Using cat command I viewed their contents, One had a fragment of the flag 'picoCTF{xxsh_' and the other one had instruction to find the missing fragment.



I used cd command to move to the root directory 'cd/' then Is command listing all the files in there. I discovered to user created text files.

```
kali@kali:-/Desktop

File Actions Edit View Help

ctf-player@pico-chall$ cd /

ctf-player@io-chall$ l$

20f3.flag.txt bin boot dev etc home instructions-to-3of3.txt lib lib64 media mnt opt proc root run sbin srv sys tmp usr var

ctt-player@pico-chall$ 

20f3.flag.txt bin boot dev etc home instructions-to-3of3.txt lib lib64 media mnt opt proc root run sbin srv sys tmp usr var
```

One had the second flag fragment ' $\frac{0ut_0f_{//4t3r_}}{4t3r_}$ ' while the other gave me instruction to find the last flag fragment.

```
ctf-player@pico-chall$ cat 2of3.flag.txt

Dut_0f_V/\413r_
ctf-player@pico-chall$ cat instructions-to-3of3.txt

Lastly, ctf-player, go home... more succinctly `~`
ctf-player@pico-chall$ [
```

I navigated to home directory where i found the last flag fragment '71be5264}'.



I combined the flag fragments and this was the final flag picoCTF{xxsh_out_0f_//4t3r_71be5264}.