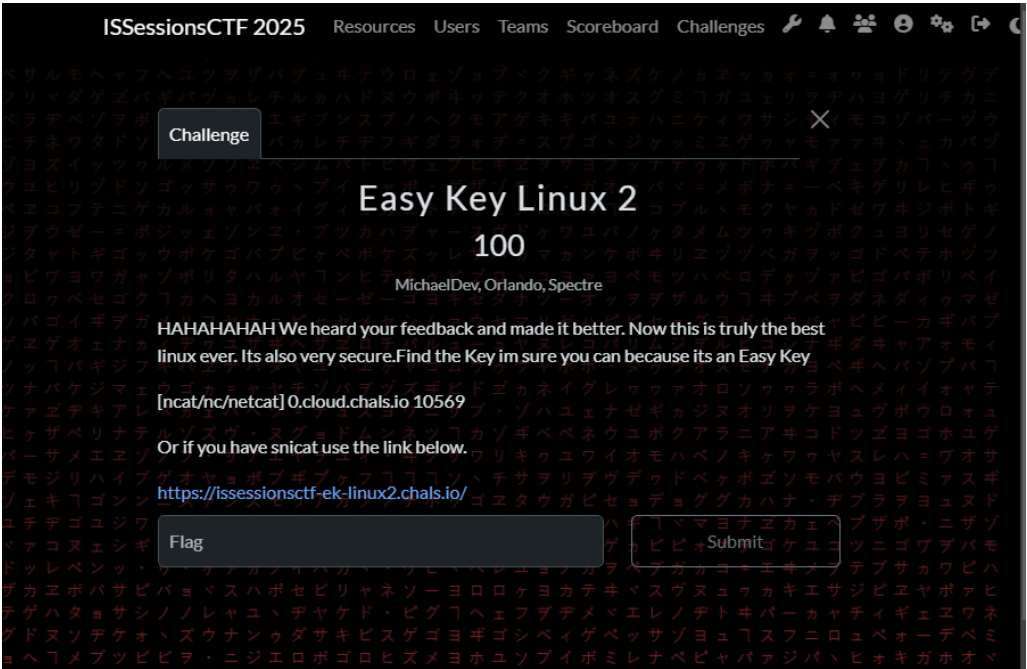


Easy Key Linux 2 (Orlando,Michael,Prajwal)



This one is another version for the people who wanted to do a simpler challenge that wouldn't require a lot of technical knowledge.

This one only has 1 solution. The user access a Linux-looking machine. This one is said to have been an improved version of the previous one.

if the player uses the 'ls' command they will then be able to see multiple files available.

```
Welcome to Easy Key Linux! Type 'exit' to quit.
$ ls
README.txt HINT
$ cat README.txt
Welcome to Easy Key Linux!
$ cat HINT
YOU HAVE NO POWER YOU FAKE ADMIN
```

The hint file states that you are a fake admin. Maybe it wants the player to switch to an admin account to get more privilege. Before doing this we try to use cd to access another directoy but it also fails.

```
$ cd
cd is not implemented.
```

Since this did not work it's now time to switch to the admin account.

```
You are now root.
$ ls
README.txt HINT
$
```

2 similar files were found as the ones before we were admin.

Now we try to cat the HINT file but it still gives the same output as before.

```
$ cat HINT
YOU HAVE NO POWER YOU FAKE ADMIN
$
```

Maybe this hint is saying something important?

If both the user and admin have the same privilege it means that all that is left is to access a file that all users would have access to.

what is a file that all users in linux have access to?

In Linux, a commonly accessible file that all users can read is:

`/etc/passwd`

Now that we know we have access to this file, it is time to access it and see its contents.

```
$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
user:x:1000:1000:user:/home/user:/bin/bash
FLAGowner:x:1337:1337:FLAG:/home/FLAGowner:/bin/bash
$
```

This user looks like he own the flag. Time to switch to this account.

```
$ su FLAGowner
Password: FLAGowner
You are now FLAGowner.
$
```

Whenever one is accessing a new user and you don't know their password a good trick is to always try their own name. In this case this account had the same password as the username.

Now when we run the command 'ls' we find that the flag file is present. When we attempt to open it there is a password that is required.

```
$ ls
flag_ry1aqKSzH6AInv6.txt
$ cat flag_ry1aqKSzH6AInv6.txt
Password:
```

If the player tries to use the same password as before this won't work.

```
$ cat flag_ry1aqKSzH6AInv6.txt
Password: password
Easy_Key_KALI_BESSSSSSSST
$
```

Similarly to Easy Key Kali the password is just password. This is actually a very common password that everyone should attempt at least once. Even more so here where there is no lockout.