

## CHIJ 1<sup>st</sup> September Individual CTF

URL:

Register at **<http://ctfd.remotelabs.me>**

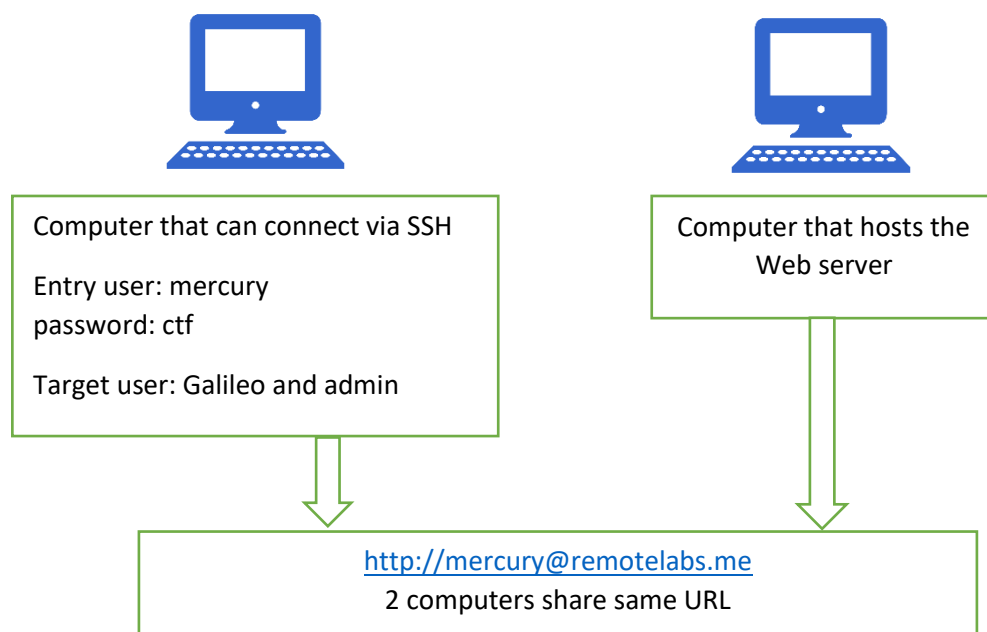
Rules:

- Discussion is okay
- Do not share the solution
- Do not delete/ tamper with the flags in target systems
- Do not shut down/ tamper with target systems

### Scoring System:

CTF ranking is based on time submitted as well. E.g. if 2 person has the same points, the one who submitted earlier will be ranked higher. For 1<sup>st</sup>, second and third placement, 1<sup>st</sup> and 2<sup>nd</sup> could have the same points, but the rank will be decided by how fast they completed the challenges.

### CTF target system set up:



## Connecting to the victim machine via Secure Shell(SSH):

**\*For the Linux and Web challenges**

In your ubuntu machine:

Type in the following command into a terminal

```
ssh mercury@mercury.remotelabs.me
```

```
s1@ip-172-31-9-82: ~  
s1@ip-172-31-9-82:~$ ssh mercury@mercury.remotelabs.me  
The authenticity of host 'mercury.remotelabs.me (13.251.105.132)' can't be estab  
lished.  
ECDSA key fingerprint is SHA256:E6Wsz+YY4w9Dw8DZE2bBdDimA8TA5pzSLAjBUohAH1A.  
Are you sure you want to continue connecting (yes/no/[fingerprint])?
```

Type in "yes".

When prompted for mercury's password, input "ctf" as the password.

You will see the screen below for a successful login via SSH to the Mercury machine.

This is a remote bash shell terminal. You are now able to access the machine as you would the Ubuntu student machine.

[illegible]