

Register for an AWS account

Open AWS Lightsail: <https://lightsail.aws.amazon.com/ls/webapp/home/instances>

Create New Instance:

Platform Linux/Unix

OS Only, Ubuntu 18.04 LTS

Rename Instance MCSC\_Main, create entry

Click on the entry, go to Networking, set static ip, save the ip as MCSC\_Main\_Static\_IP

Add rule to IPv4 firewall, label Application dropdown HTTPS (should default to 443)

LAMP Stack/mysql

Connect using SSH

<https://ostechnix.com/install-apache-mysql-php-lamp-stack-on-ubuntu-18-04-lts/>

<https://ostechnix.com/install-phpmyadmin-with-lamp-stack-on-ubuntu-18-04-lts/>

When prompted, KEEP LOCAL MACHINE FILES

Also be careful when setting up mysql to change the fields as asked

Get Code

Clone repository at <https://github.com/OpenCPC/OpenCPC>

Move main.py from OpenCPC/frontend to OpenCPC (mv ~/OpenCPC/frontend/main.py ~/OpenCPC)

Move contents of web folder to var/www/ (mv ~/OpenCPC/web/\* /var/www/)

run sudo apt update

run sudo apt install python3-pip

run pip3 install asyncio aiomysql websockets bcrypt pillow

run sudo nano hub\_config.json

enter json syntax the way you find it in hub\_config\_template.json

host is localhost or 0.0.0.0

port: run mysql -u root -p to open mysql shell

run SHOW GLOBAL VARIABLES LIKE 'PORT';

insert the number in the port table into the port slot

user and password should be your phpmyadmin credentials

db should be database name