

1. Install ubuntu server
2. Configure linux users and groups
 - a. adduser karel
 - b. usermod -aG sudo karel
 - c. su karel
 - d. sudo groupadd workgroup
 - e. sudo usermod -aG workgroup karel
3. sudo apt update
4. Install and configure MySQL server
 5. sudo apt install mysql-server
 6. sudo mysql_secure_installation
 7. sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf
comment out **bind-address** and **mysqlx-bind-address** (for remote access)
 8. sudo systemctl restart mysql
 9. sudo ufw allow 3306 (open port)
 10. Login to mysql and create remote access accounts
 - a. mysql -u root -p
 - b. CREATE USER 'breweryapp'@'%' IDENTIFIED BY 'secret';
 - c. CREATE DATABASE brewery;
 - d. GRANT ALL PRIVILEGES ON brewery.* TO 'breweryapp'@'%';
 - e. FLUSH PRIVILEGES;
 - f. EXIT;

At this point the database is remotely accessible

11. Install and configure Web Server
 - a. sudo apt install nginx python3-pip python3-dev python3.10-venv build-essential libssl-dev libffi-dev python3-setuptools
 - b. Create project directory and set group
 - i. sudo mkdir /brewery
 - ii. sudo chgrp -R workgroup /brewery
 - iii. sudo chmod -R 2775 /brewery
 - c. Create and activate python venv
 - i. python3 -m venv .venv
 - ii. . .venv/bin/activate
 - iii. pip install flask wheel uwsgi python-dotenv mysql-connector-python flask_login

12. Done