




Microlithic

TASK-2 (For Microservices)

 Prerequisites: Make sure you have a free-tier AWS account set up.

 Task: Deploy WordPress and MySQL applications within a Microservices architecture.

 Description: In this tutorial, we'll set up a Microservices architecture using an EC2 instance on AWS. Our goal is to deploy WordPress and MySQL on separate EC2 instances and create a welcome page in WordPress that will be the Homepage.

Wordpress

- 1 `sudo apt update -y`
- 2 `sudo apt install apache2 php php-mysql libapache2-mod-php -y`
- 3 `cd /tmp`
- 4 `wget https://wordpress.org/latest.tar.gz`
- 5 `tar -xvf latest.tar.gz`
- 6 `mv wordpress /var/www/html`
- 7 `chown -R www-data:www-data /var/www/html/wordpress`
- 8 `chmod -R 755 /var/www/html/wordpress`
- 9 `cd /var/www/html`
- 10 `ls`
- 11 `sudo systemctl restart apache2`

Mysql

- 1 `sudo apt update`
- 2 `sudo apt install mysql-server -y`
- 3 `sudo apt upgrade -y`
- 4 `sudo mysql -u root`

```
5 CREATE DATABASE wordpress;
6 CREATE USER 'wordpress'@'%' IDENTIFIED BY 'abc@123';
7 GRANT ALL PRIVILEGES ON wordpress.* TO 'wordpress'@'%';
8 FLUSH PRIVILEGES;
9 EXIT
10 sudo vi /etc/mysql/mysql.conf.d/mysqld.cnf
11 sudo systemctl restart mysql
```

instance-ip/wordpress