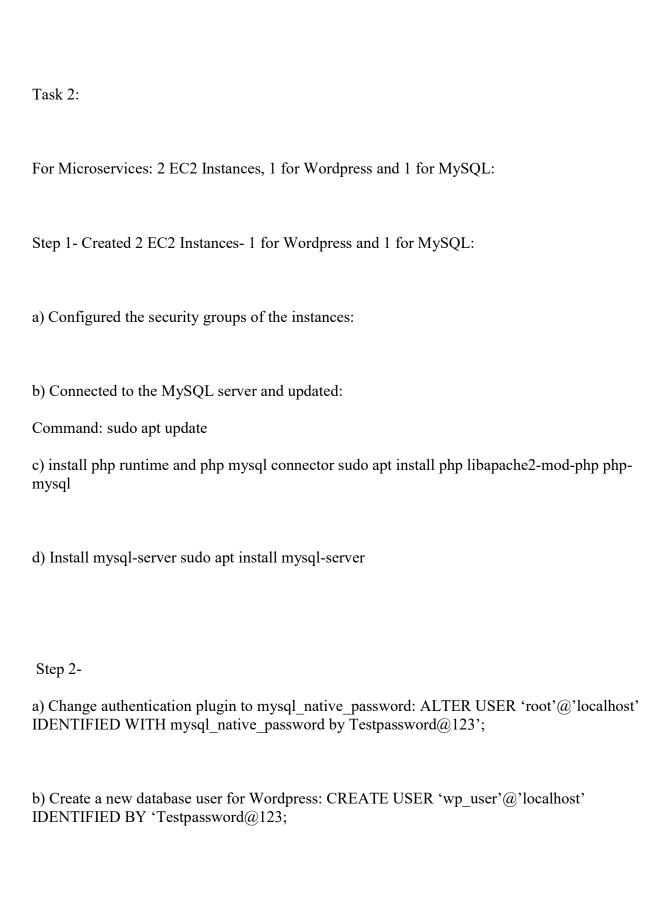
Task: Deploy Application in Monolothic and Microservices Architecture For Monolithic: 1 EC2 Instance, deploy Wordpress and MySQL on the same Instance For Microservices: 2 EC2 Instances, 1 for Wordpress and 1 for MySQL Configure the necessary security group for the instances EC2 Instance type: t2. micro, AMI: ubuntu Step 1 For Monolithic: Deploy Wordpress and MySQL both on the same Instance. Step 2 - Update and install commands a) Server update command: sudo apt- get update b) install apache web server on the instance: sudo apt install apache2 c) Install php runtime and php mysql sudo apt install php libapache2-mod-php php-mysql. d) Install mysql-server: sudo apt install mysql-server Step 3- Login to mysql server: sudo mysql -u root a) Change authentication plugin to mysql_native_password: ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password@123';	Description:
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IDENTIFIED WITH mysql_native_password by Testpassword@123';	
	IDENTIFIED WITH mysql_native_password by Testpassword@123';

b) Create a new database user for Wordpress: CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'Testpassword@123;
c) Create a database for Wordpress: CREATE DATABASE wp;
d) Grant all priviledges on the database WP to the newly created user: GRANT ALL PRIVILEGES ON WP.* TO 'wp_user'@'localhost';
e) Download Wordpress: cd /var/www/html
Wget https://wordpress.org/latest.tar.gz
f) Unzip: tar -xvf latest.tar.gz
Step 4-
Commands to create config file:
• Cd /var/www/html
• Cd wordpress
• Nano wp-config.php
Step 5- Wordpress website:
Error! Filename not specified.



c) Create a database for Wordpress: CREATE DATABASE wp;
d) Grant all priviledges on the database WP to the newly created user: GRANT ALL PRIVILEGES ON WP.* TO 'wp_user'@'localhost';
Step 3-
a) Connected to the Wordpress server and updated Command: sudo apt update
b) Installing apache webserver on the instance: sudo apt install apache2 -y
b) Install php runtime and php mysql connector: sudo apt install php libapache2-mod-php php-mysql
Step 4-
xiv) Download Wordpress:
wget https://wordpress.org/latest.tar.gz
Step 5-
a) Move Wordpress folder to apache document root: mv wordpress//var/www/html
b) Unzip: tar -xvf latest.tar.gz

a) Commands to create config file:
• Cd /var/www/html
• Cd wordpress
• Nano wp-config.php

Step 6-

b) Wordpress website created: