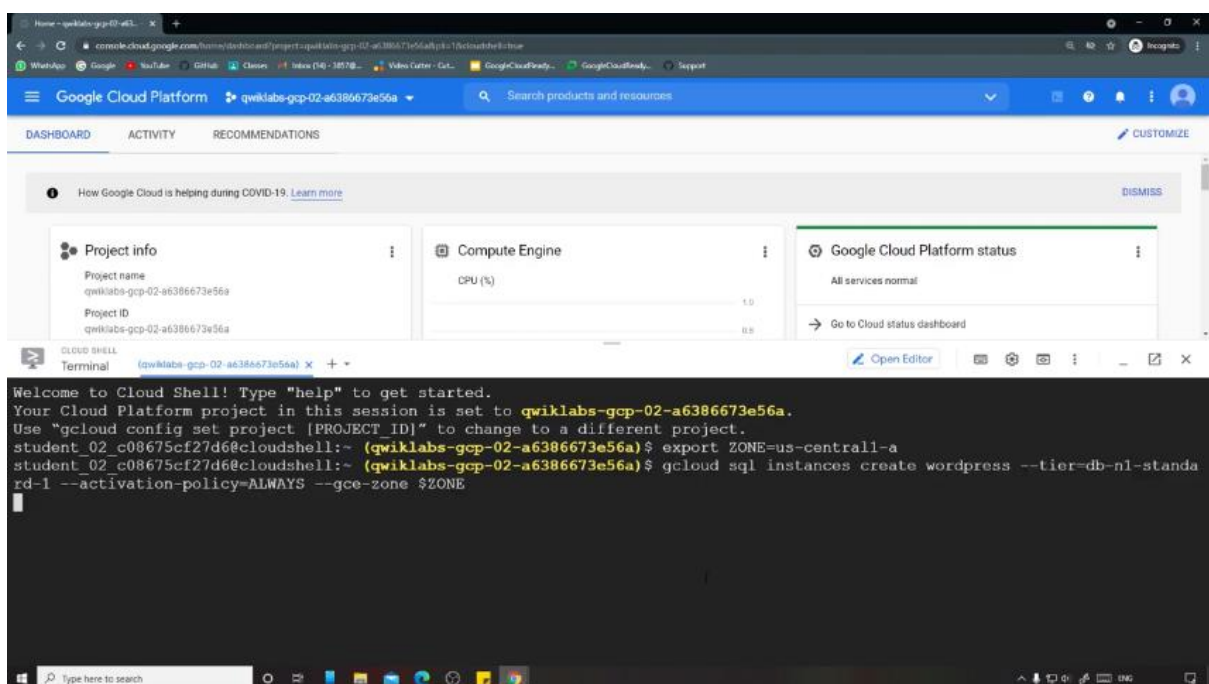Yogeshwaran s

Module 12: GCP Architect Exam Case Study Understanding

Step 1 :

I am here a bit of confusion of what I am wanted to do here, so I take a conclusion to do a assignment to migrate the MySQL database to google cloud sql challenge lab
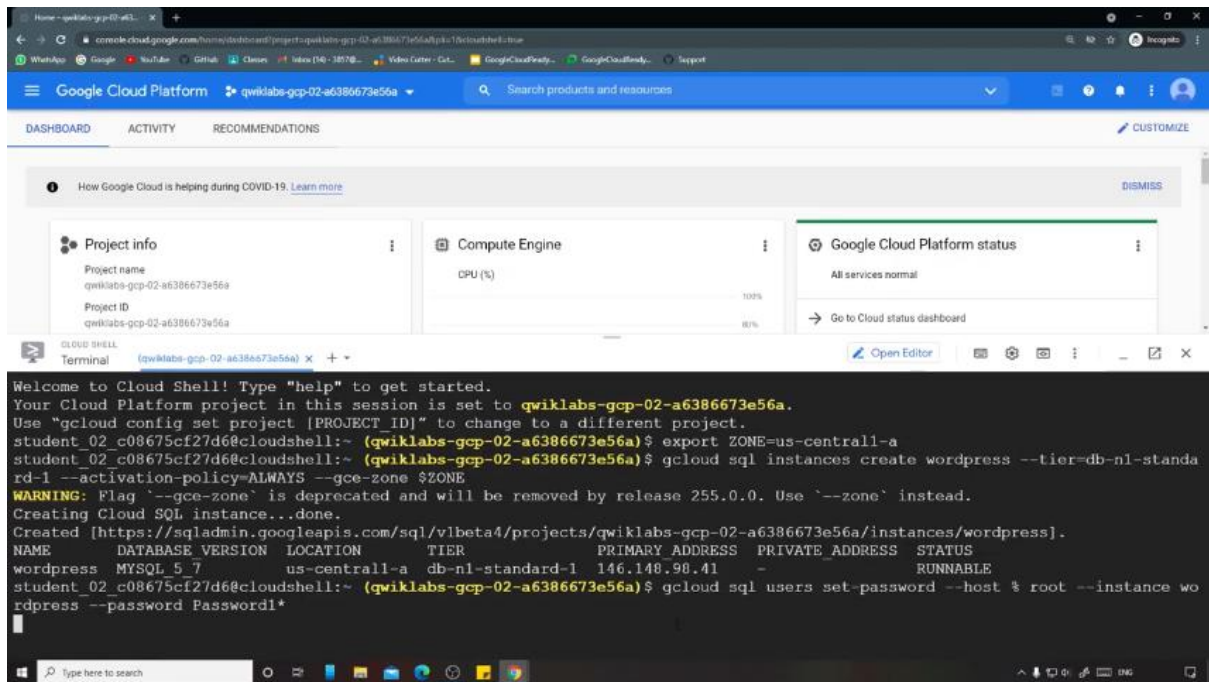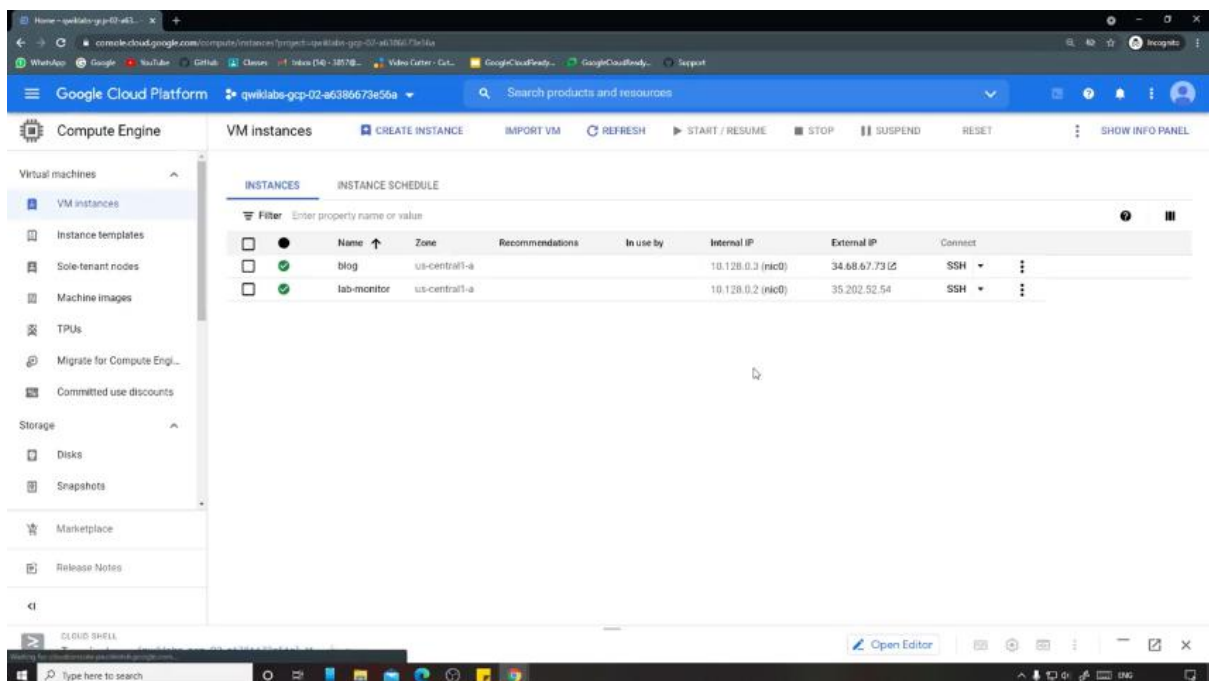
Step 1

Check the cloud sql instance of wordpress

Step 2

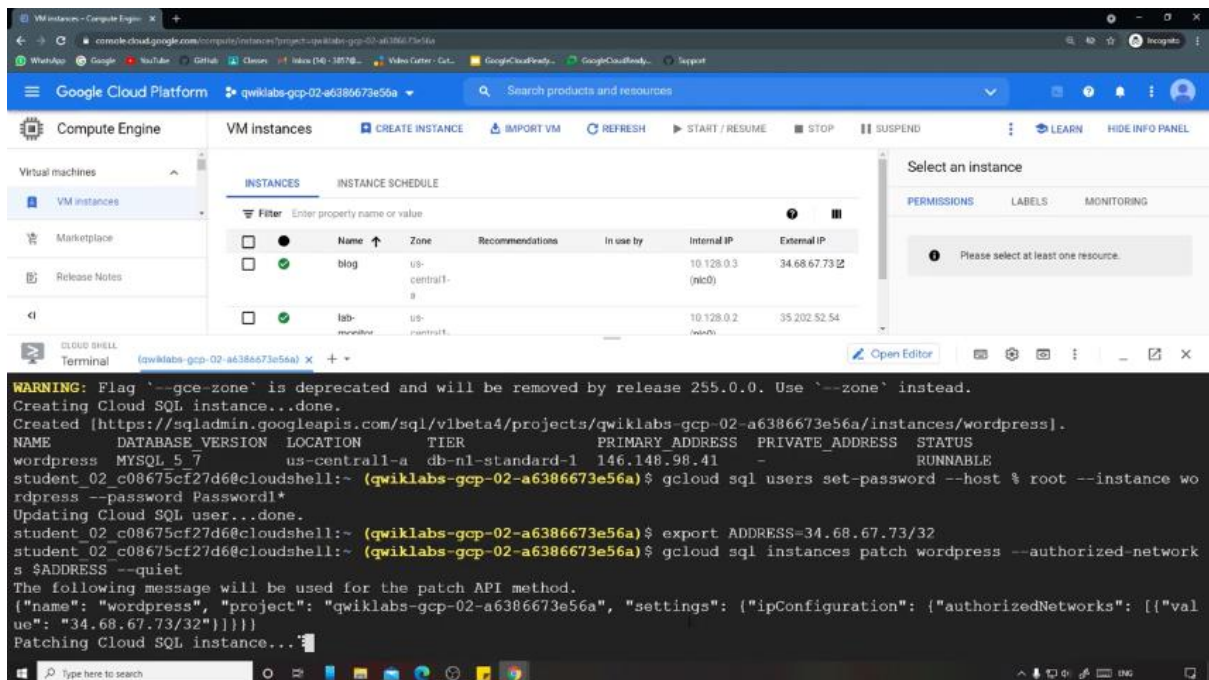Set sql user and password and connect to WordPress instance

Step 3:

Check the vm's
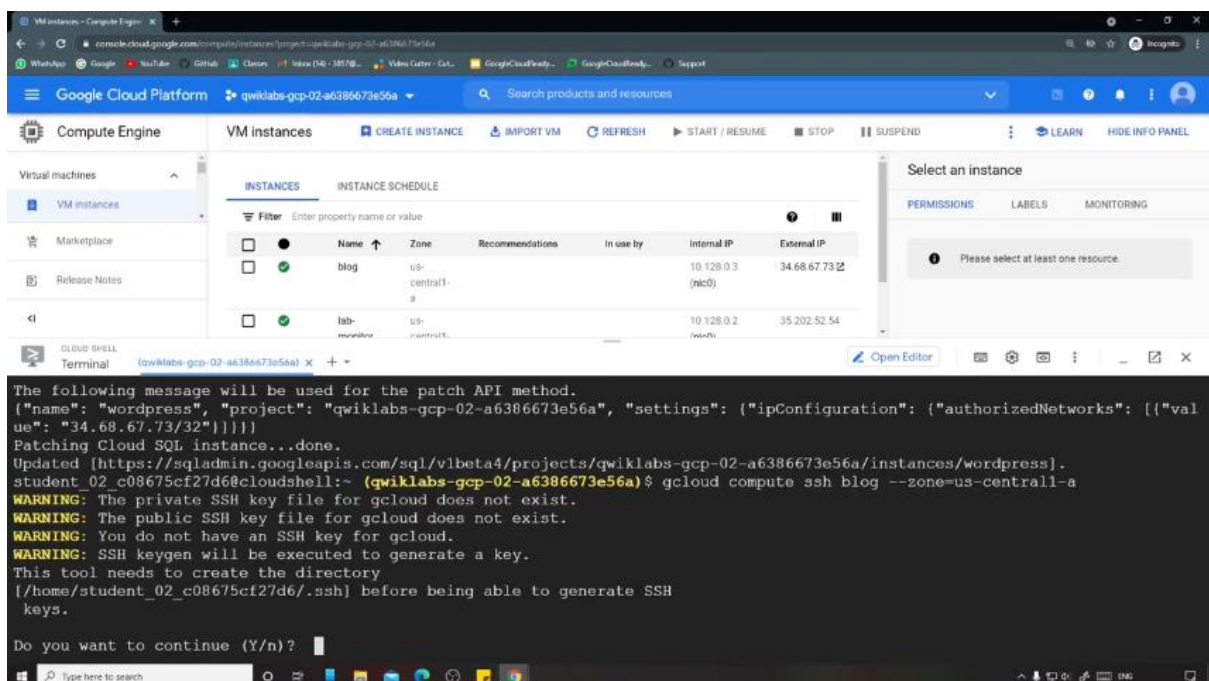
Step 4

Connect the sql with created vm

Step 5

Create ssh for vm
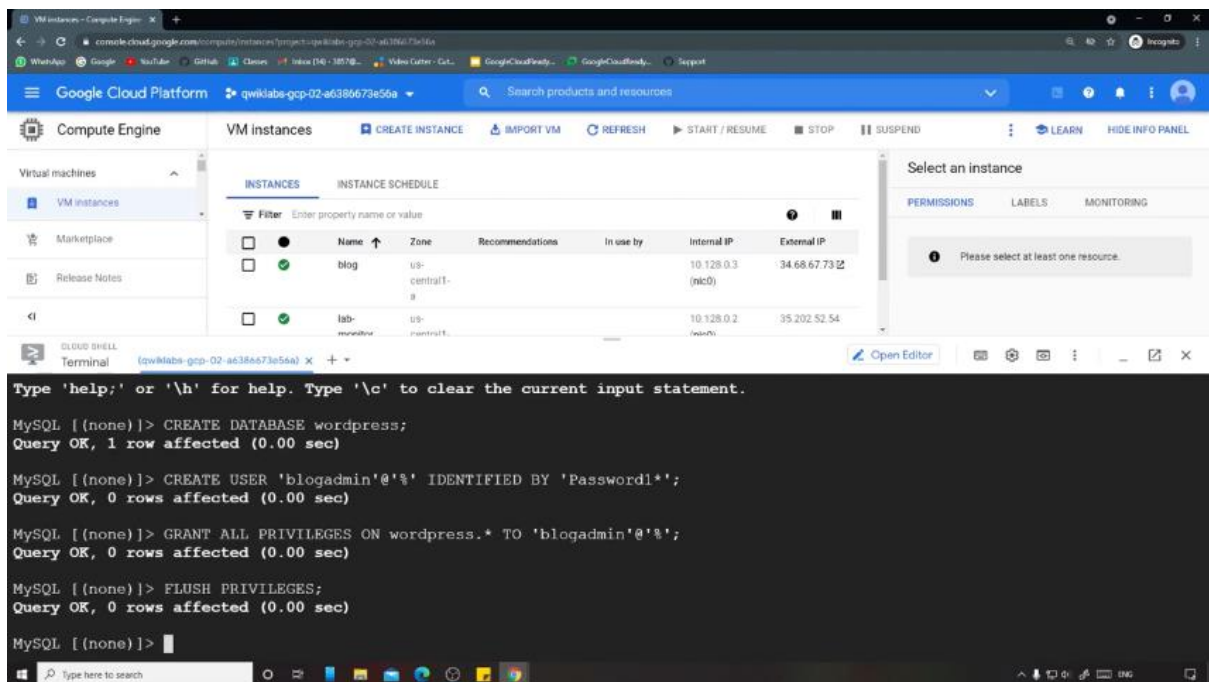
Step 6

Connect sql inside the vm


```
Enter passphrase for key '/home/student_02_c08675cf27d6/.ssh/google_compute_engine':
Linux blog 4.9.0-15-amd64 #1 SMP Debian 4.9.258-1 (2021-03-08) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Creating directory '/home/student-02-c08675cf27d6'.
student-02-c08675cf27d6@blog:~$ MYSQLIP=$(gcloud sql instances describe wordpress --format="value(ipAddresses.ipAddress)")
student-02-c08675cf27d6@blog:~$ mysql --host=146.148.98.41 \
>     --user=root --password
```

Step 7

Check the sql connection by giving query


```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> CREATE DATABASE wordpress;
Query OK, 1 row affected (0.00 sec)

MySQL [(none)]> CREATE USER 'blogadmin'@'%' IDENTIFIED BY 'Password1*';
Query OK, 0 rows affected (0.00 sec)

MySQL [(none)]> GRANT ALL PRIVILEGES ON wordpress.* TO 'blogadmin'@'%';
Query OK, 0 rows affected (0.00 sec)

MySQL [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

MySQL [(none)]>
```

Step 8

Take back up the sql


```
MySQL [(none)]> CREATE USER 'blogadmin'@'%' IDENTIFIED BY 'Password1*';
Query OK, 0 rows affected (0.00 sec)

MySQL [(none)]> GRANT ALL PRIVILEGES ON wordpress.* TO 'blogadmin'@'%';
Query OK, 0 rows affected (0.00 sec)

MySQL [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

MySQL [(none)]> exit
Bye
student-02-c08675cf27d6@blog:~$ sudo mysqldump -u root -pPassword1* wordpress > wordpress_backup.sql
student-02-c08675cf27d6@blog:~$
```
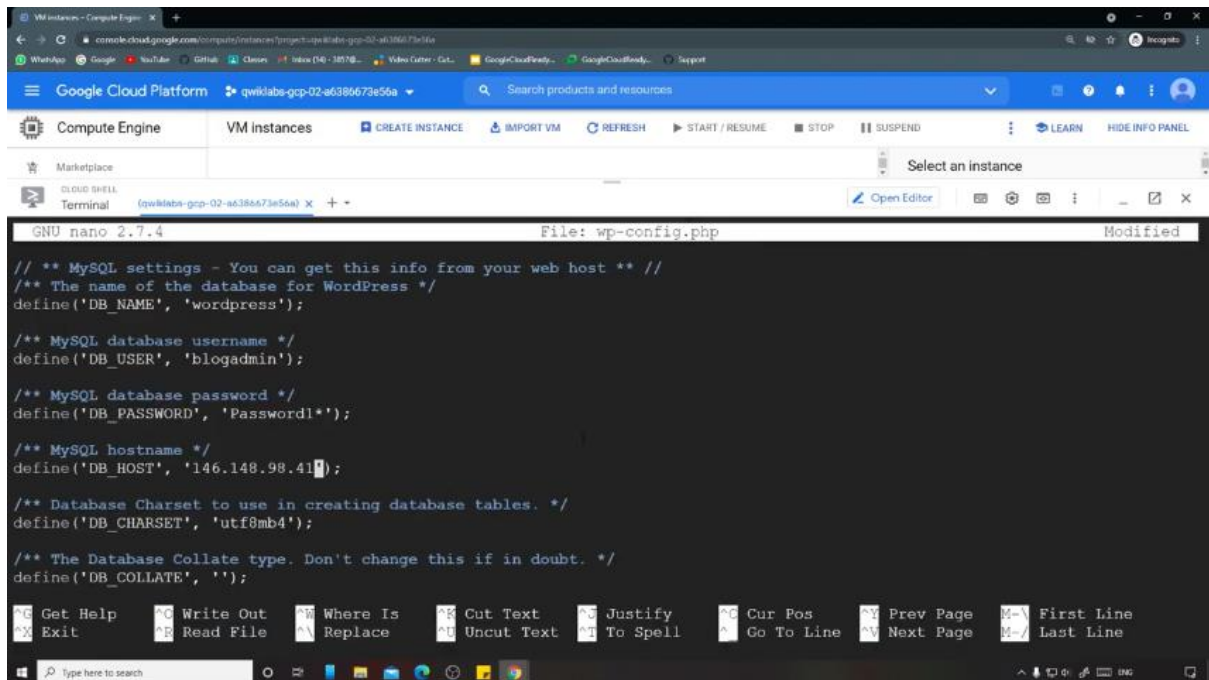
Step 9

Restart the apache2 and change the config file, with removing local host and replace with primary ip
address of vm