

# HADIAH PRAKTIKUM CLOUD COMPUTING PERTEMUAN KE-8

## Konfigurasi MySQL Instances

**Create a MySQL instance**

**Instance info**

Instance ID \*  
calvina-mysql

Use lowercase letters, numbers, and hyphens. Start with a letter.

Password \*  
..... [GENERATE](#)

Set a password for the root user. [Learn more](#)

☐ No password

Database version \*  
MySQL 5.7

**Choose region and zonal availability**

For better performance, keep your data close to the services that need it. Region is permanent, while zone can be changed any time.

Region  
us-central1 (Iowa)

☐ Single zone  
In case of outage, no failover. Not recommended for production.

☒ Multiple zones (Highly available)  
Automatic failover to another zone within your selected region. Recommended for production instances. Increases cost. Enables binary logs (required for replication) and automatic backups. Make sure your storage can support at least 7 days of logs.

**Summary**

Region	us-central1 (Iowa)
DB Version	MySQL 5.7
vCPUs	4 vCPU
Memory	26 GB
Storage	100 GB
Network throughput (MB/s)	1,000 of 2,000
Disk throughput (MB/s)	Read: 48.0 of 240.0 Write: 48.0 of 240.0
IOPS	Read: 3,000 of 15,000 Write: 3,000 of 15,000
Connections	Public IP
Backup	Automated
Availability	Multiple zones (Highly available)
Point-in-time recovery	Enabled

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[SPECIFY ZONES](#)

**Customize your instance**

You can also customize instance configurations later.

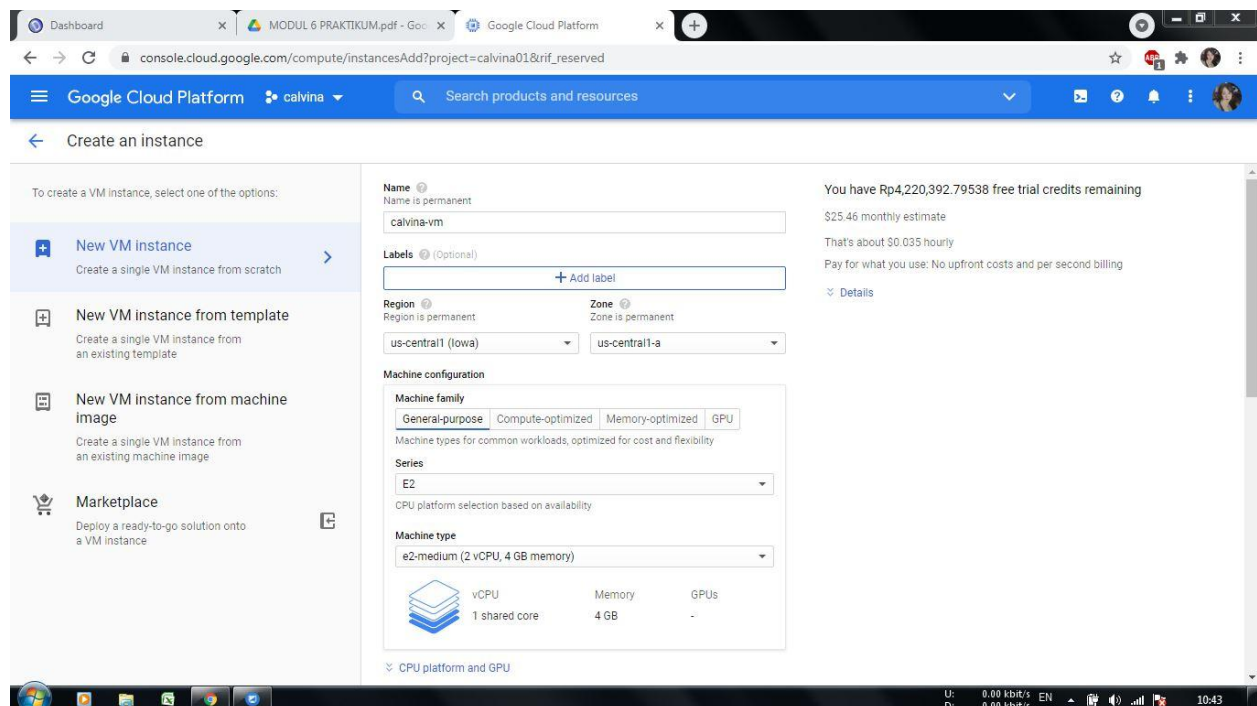
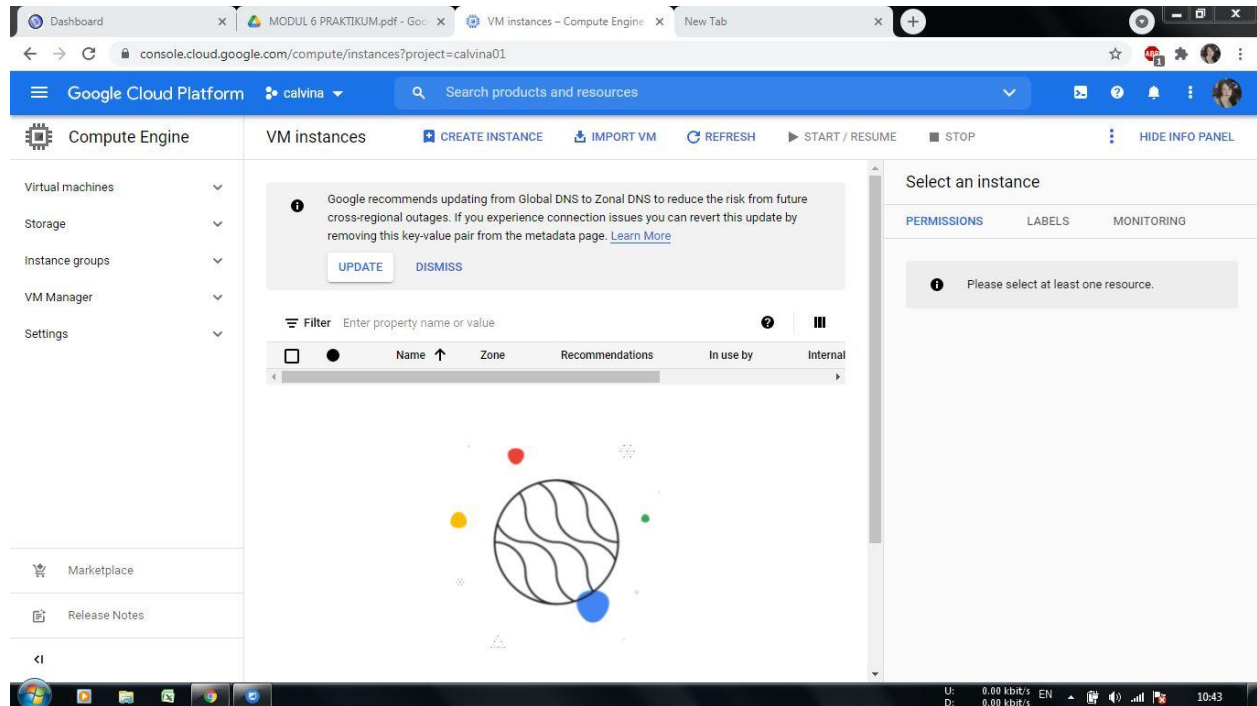
[SHOW CONFIGURATION OPTIONS](#)

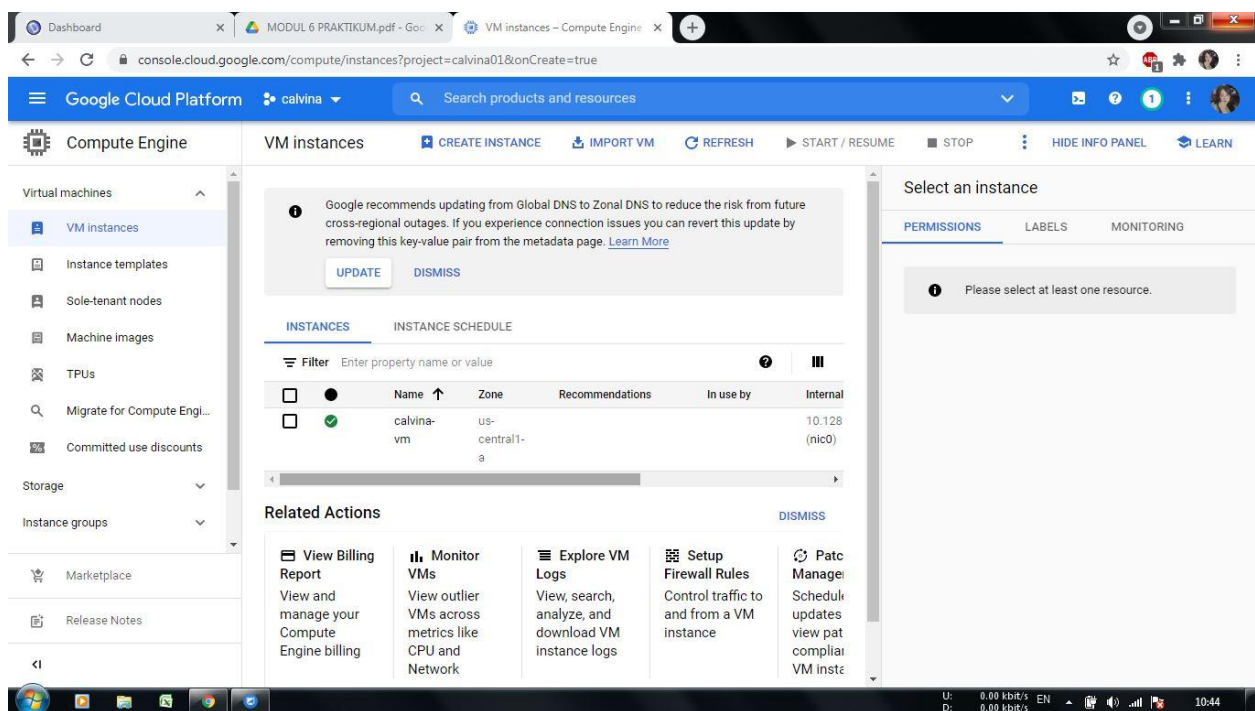
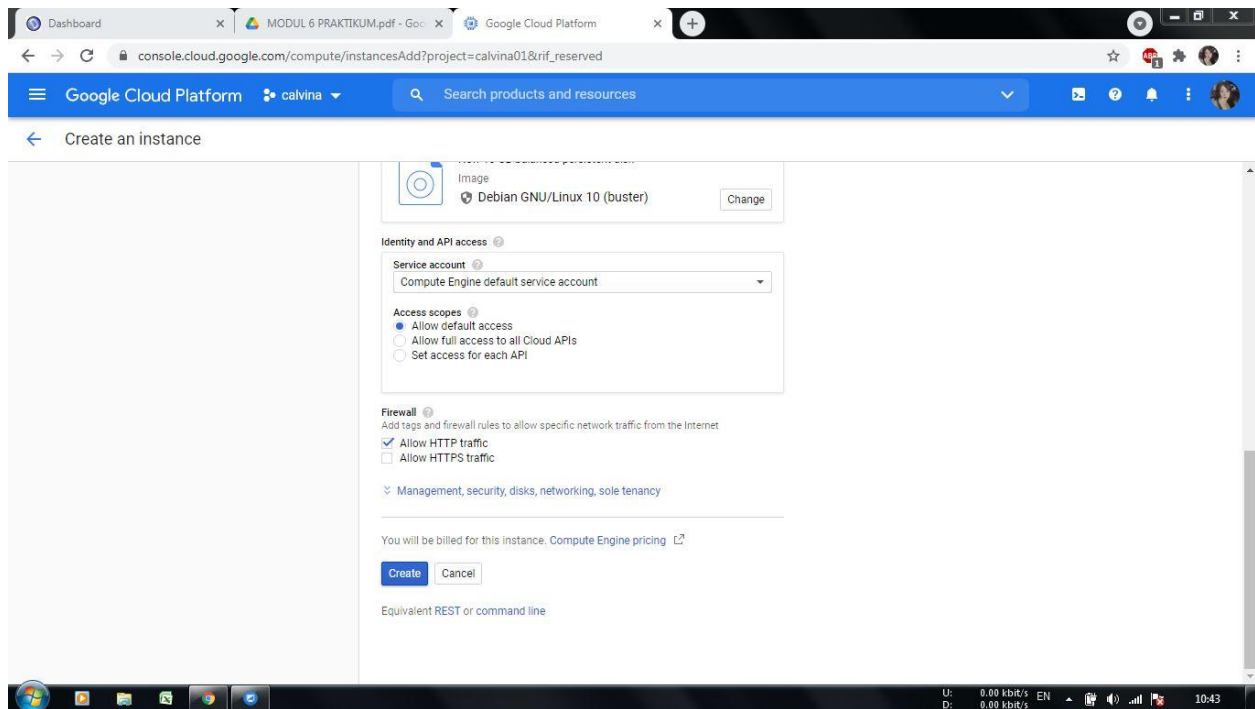
[CREATE INSTANCE](#) [CANCEL](#)

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# Konfigurasi VM





## Database Kharisma dan kedua Tabel

```
MySQL [kharisma]> show tables;
+-----+
| Tables_in_kharisma |
+-----+
| anggota             |
| buku                |
+-----+
2 rows in set (0.003 sec)
```

## Isi Tabel Anggota dan Tabel Buku

```
MySQL [(none)]> CREATE DATABASE kharisma;
Query OK, 1 row affected (0.006 sec)

MySQL [(none)]> use kharisma;
Database changed
MySQL [kharisma]> CREATE TABLE anggota (
  -> nis VARCHAR (8) NOT NULL,
  -> nasis VARCHAR (50) NOT NULL,
  -> kelas VARCHAR (10) NOT NULL,
  -> tlahir DATE NOT NULL,
  -> alamat VARCHAR (50) NOT NULL,
  -> jkel VARCHAR (20) NOT NULL,
  -> nohp VARCHAR (12) NOT NULL,
  -> PRIMARY KEY (nis)
  -> );
Query OK, 0 rows affected (0.031 sec)

MySQL [kharisma]> CREATE TABLE buku (
  -> kodebuku VARCHAR (8) NOT NULL,
  -> jubuk VARCHAR (50) NOT NULL,
  -> jml INT (3) NOT NULL,
  -> jenbuk VARCHAR (10) NOT NULL,
  -> peng VARCHAR (20) NOT NULL,
  -> pen VARCHAR (20) NOT NULL,
  -> thter VARCHAR (4) NOT NULL,
  -> isbn VARCHAR (20) NOT NULL,
  -> PRIMARY KEY (kodebuku)
  -> );
Query OK, 0 rows affected (0.029 sec)

MySQL [kharisma]> []
```