

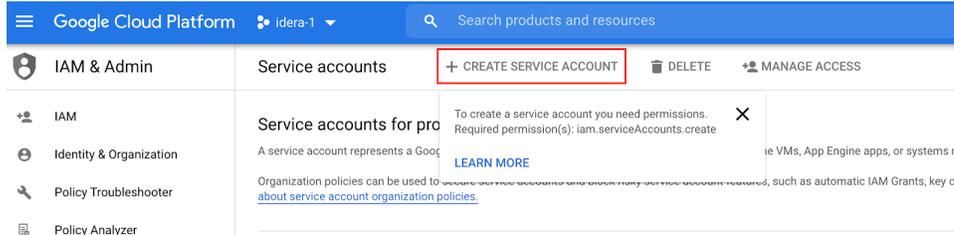
Google Cloud SQL Monitoring

For Google Cloud Monitoring you need the following prerequisites:

1. to create a service account in your Google Cloud account and download the content of the JSON file

To generate service-account credentials and view the public credentials already created, follow these steps:

- Open the [Service accounts page](#). When prompted, select a project.
- Click **CREATE SERVICE ACCOUNT**.



- In the **CREATE SERVICE ACCOUNT** window, type a name for the service account, and select **Furnish** a new private key. Click **Create**.
- When you create a key, your new public/private key pair is generated and downloaded to your machine.

2. To configure access to your Cloud SQL instance

Go to the [Cloud SQL Instances page](#) in the **Google Cloud Console**.

- From the client machine, use [What's my IP](#) to see the IP address of the client machine.
- Copy that IP address.
- Go to the [Cloud SQL Instances page](#) in the **Google Cloud Console**.
- Open the instance **Overview** page, and record the IP address.
- Select the **Connections** tab.
- Under **Authorized networks**, click **Add Network** and enter the IP address of the client machine.



The IP address of the instance and the MySQL client IP address you authorize must be the same IP version: either IPv4 or IPv6.

- Click **Done** and then **Save** at the bottom of the page to save your changes.

Adding your Google Cloud Server

To add your **Google Cloud Server** to SQL DM for MySQL, you need to follow these steps:

1. Provide the Host IP, MySQL Username, and Password to register your Google cloud SQL server in SQL DM for MySQL.

GCS

CONFIG **TAGS** **NOTIFICATIONS** **ADVANCED**

MYSQL HOST MYSQL PORT

USERNAME PASSWORD

CONNECTION TYPE

▼

SAVE

3. To enable **MySQL Error Log** monitoring, review the below screenshot:

GCS

CONFIG **TAGS** **NOTIFICATIONS** **ADVANCED**

- System Metrics
- Data Collection
- Replication
- Galera
- MySQL Error Log**
- MySQL Query Log
- Audit Log
- Sniffer
- Deadlock
- Monitors
- Real-Time
- Connection Settings

Enable error log monitoring

READ FILE FROM

Google Cloud SQL (Usin... ▾)

ENTER Google Cloud SQL CREDENTIALS FOR LOG MONITORING

INSTANCE CONNECTION NAME

[REDACTED]

PRIVATE KEY FILE CONTENT

```
{
  "type": "service_account",
  "project_id": "idera-1",
  "private_key_id": "[REDACTED]",
  "private_key": "-----BEGIN PRIVATE KEY-----
\nMIIIEvgIBADANBgkqhkiG9w0BAQEFAASCBCgwgSkAgEAAoIBA
QCOEa8KXxKEzYYa\nZDtVnegK7xq/rOvwYaYoTq33C5XmIby4UVN
4B-AQI...-----"
}
```

TEST READING THE FILE

APPLY THE SETTING TO

Only this server ▾

SAVE

SQL DM MONITORS Master, RDS new, RDS-Dev +1 TIMEFRAME History May 01 2019 00:00 - May 27

- Servers
- Dashboard
- Monitors**
- Threads
- Real Time
- Query Analyzer
- Audit Log
- Server Config
- Replication
- Settings

- Commands & Schema Changes
- Linux
- Disk Info
- Worst Indexes
- MySQL Cluster
- Currently Connected Users
- Percona
- Galera
- TokuDB - Metrics
- TokuDB - Settings
- TokuDB - I/O
- sys schema
- Performance Schema Events
- Plugins
- Aria
- RDS/Aurora Instance Metrics
- Google Cloud SQL Metrics**
- Blocked sessions

MONITORS	
CPU Utilization	
Memory Utilization	
Disk Utilization	
Read Operations Count	
Write Operations Count	