Demo: Connecting Securely to a Cloud SQL Database

# Enable API – Cloud SQL Admin API

Create MY SQL instance cloud-sql-demo

On cloud-sql-demo instance to create compute engine client instance:

gcloud compute instances create cloud-sql-client --zone us-east1-b --scopes cloud-platform

SSH into cloud-sql-client to install Mysql client

$sudo apt-get update

$sudo apt-get install mysql-client git –y

# Proxy

To install Proxy(refer to Connecting to Cloud SQL from external applications-<https://cloud.google.com/sql/docs/mysql/connect-external-app>)

$wget <https://dl.google.com/cloudsql/cloud_sql_proxy.linux.amd64> -O cloud\_sql\_proxy

$chmod +x cloud\_sql\_proxy

To start proxy:

$./cloud\_sql\_proxy –instances=[INSTANCE\_CONNECTION\_NAME]=tcp:3306

INSTANCE\_CONNECTION\_NAME can be found in the MY SQL instance detail under [Connectto this instance] like, **impactful-study-231516:us-east4:cloud-sql-demo**

# Test the connection

SSH into the cloud-sql-client :

$mysql –u root -p --host 127.0.0.1

TO-DO:

Django + MYSQL+ Cloud