Aurora Chatbot

Step 1: Enabling compute engine API

Graphical user interface, application, Word

Description automatically generated

Step2: Creating VM instance template.

Graphical user interface, text, application

Description automatically generated

Step 3: Creating VM instance group

Graphical user interface, text, application, email

Description automatically generated

Enable autoscaling so that when there is stress on the CPU, it will automatically create instances.

Step 4:

Upload files chatbot.py, intents.json

Step 5: Install dependencies

$ apt-get install python 3.9

$ apt-get install python3-pip

$ pip3 install tensorflow

$ pip3 install tflearn

$ pip3 install pickle

$ pip3 install random2

$ pip3 install json

$ pip3 install nltk

Step 5: Observe the Google cloud instances, you can see that while installing TensorFlow, there will be a lot of stress on the CPU. Hence multiple instances are created by the autoscaling method.

Graphical user interface, text, application, email

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Step-6: run the command to train and test the chatbot

$ python3 chatbot.py