

Redash Setup on GCP

Redash is an open-source tool built for teams to query, visualize and collaborate. Redash works with many data sources you might need so you can query from anywhere in no time.

Redash Installation

GCP provides a prebaked image of Redash to launch a dedicated instance for it.

Add Redash image to GCP Argo project account

1. Install gcloud shell to your local, for mac

- a. [Download gcloud](#) ,
- b. Extract the [google-cloud-sdk-272.0.0-darwin-x86_64.tar.gz](#) in a preferred location.
- c. Execute

```
./google-cloud-sdk/install.sh
```

d. Initialize gcloud SDK ,

```
gcloud init
```

Accept the option to log in using your Google user account:

```
To continue, you must log in. Would you like to log in (Y/n)? Y
```

In your browser, log in to your Google user account when prompted and click **Allow** to grant permission to access Google Cloud Platform resources.

At the command prompt, select a Cloud Platform project from the list of those where you have **Owner**, **Editor** or **Viewer** permissions:

```
Pick cloud project to use:
[1] [my-project-1]
[2] [my-project-2]
...
Please enter your numeric choice:
```

If you only have one project, `gcloud init` selects it for you.

2. Add Redash image to GCP Argo project account

```
gcloud compute images create "redash-8-0-0" --source-uri gs://redash-
images/redash.8.0.0-b32245-1.tar.gz
```

3. Launch redash instance,

```
gcloud compute instances create argoid-redash-test-3-a --image redash-8-0-0 --network argoid-demo --subnet argoid-demo-subnet --zone=asia-south1-c --tags argoid-gateway
```

```
Manjunath-MacBook-Air:~ manjunath$ gcloud compute instances create argoid-redash-test-1 --image redash-8-0-0 --network argoid-demo --subnet argoid-demo-subnet --zone=asia-south1-c
Created [https://www.googleapis.com/compute/v1/projects/argo-199720/zones/asia-south1-c/instances/argoid-redash-test-1].
NAME                                ZONE            MACHINE_TYPE  PREEMPTIBLE  INTERNAL_IP  EXTERNAL_IP  STATUS
argoid-redash-test-1               asia-south1-c   n1-standard-1          10.0.0.79    34.93.51.82  RUNNING
Manjunath-MacBook-Air:~ manjunath$ cat ~/Downloads/
```

Redash UI services will be running on port 80, <http://34.93.51.82>