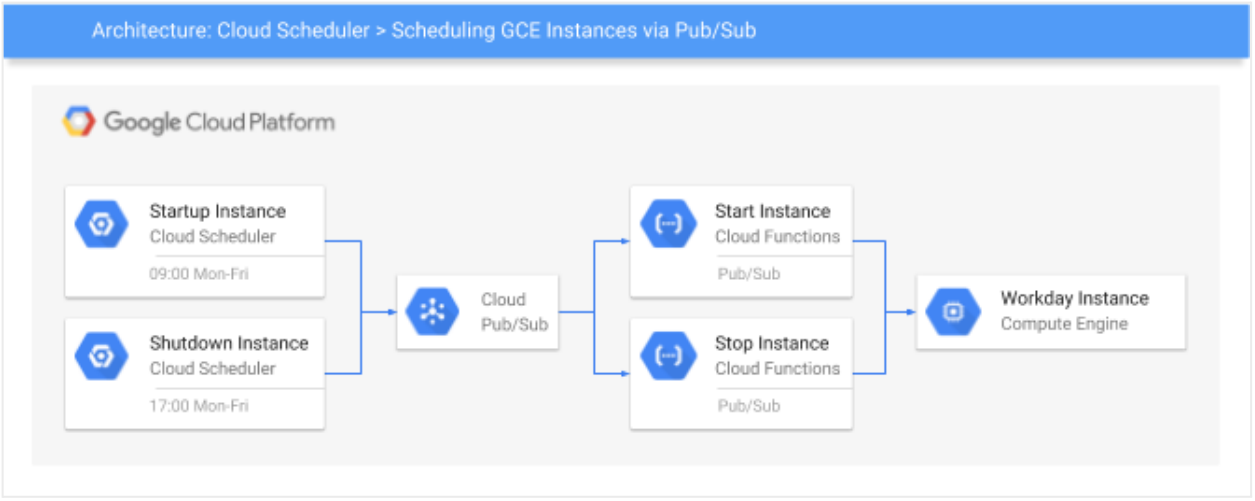


Create the start function [One time only per project]

1. **Cloud Functions**
2. **Create Function**.
    1. startInstancePubSub.
3. **Memory allocated - LEAVE**
4. **Trigger**: **Cloud Pub/Sub.**
5. **Topic**, Create new topic....
    1. **Name**: **start-instance-event.**
    2. **Create**
6. **Runtime**: Node.js 6.
    1. index.js tab.
        i. Replace with the following code:
    2. package.json tab.
        i. Replace with the following code
7. For Function to execute: **startInstancePubSub.**
8. **Create**

Create the stop function [One time only per project]

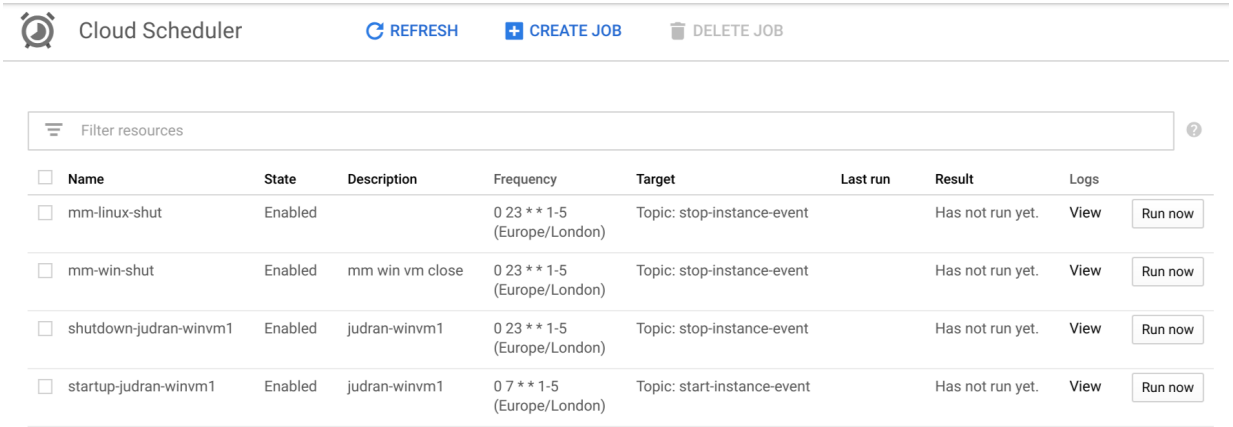
1. **Create Function**.
    1. **stopInstancePubSub**.
2. Leave **Memory allocated**
3. **Trigger**
    1. Cloud Pub/Sub.
4. **Topic** - Create new topic....
    1. **Name**: stop-instance-event.
    2. **Create**
5. **Runtime:** Node.js 6.
    1. index.js tab.
        i. Replace with the following code:
    2. package.json tab.
        i. Replace with the following code
6. For Function to execute, **stopInstancePubSub**.

7. Click Create.

Set up the Cloud Scheduler jobs to call Cloud Pub/Sub [Per VM you wish to shut down]

Create the start job.

1. **Cloud Scheduler**
2. **Create Job**.
3. **Name**: startup-mmlinuxvm [based on your VM instance]
4. For **Frequency**, enter 0 9 * * 1-5. [Linked to website to help determine range you wish to use)
5. **Target**: Pub/Sub.
6. **Topic**: start-instance-event.
7. **Payload**, [based on your criteria for your VM]
    a. **{"zone":"europe-west2-c","instance":"mmlinuxvm"}**
8. **Create**.



Create the stop job.

1. **Cloud Functions**
2. **Create Job**.
3. **Name**: shutdown-mmlinuxvm [based on your VM]
4. For **Frequency**, enter 0 9 * * 1-5. [Linked to website to help determine range you wish to use)
5. **Target**: Pub/Sub.
6. **Topic**: stop-instance-event.
7. **Payload**, enter the following [based on your VM criteria]
    a. **{"zone":"europe-west2-c","instance":"mmlinuxvm"}**
8. **Create**.