

Google Instance Utilization Readme

Bot Overview

This bot gathers details of the CPU utilization of every instance in a given Project Name for a given interval time and creates a csv file containing the results.

Prerequisites

- Automation Anywhere Enterprise v11.3 (<https://www.automationanywhere.com>)
- Google Cloud account Details (refer Configuration Parameter Table <https://cloud.google.com/deployment-manager/docs/configuration/type-providers/apirequirements>)

Installation

- Download the bot from Bot Store.
- Double click on <Bot Name>.msi and follow the installation instructions.

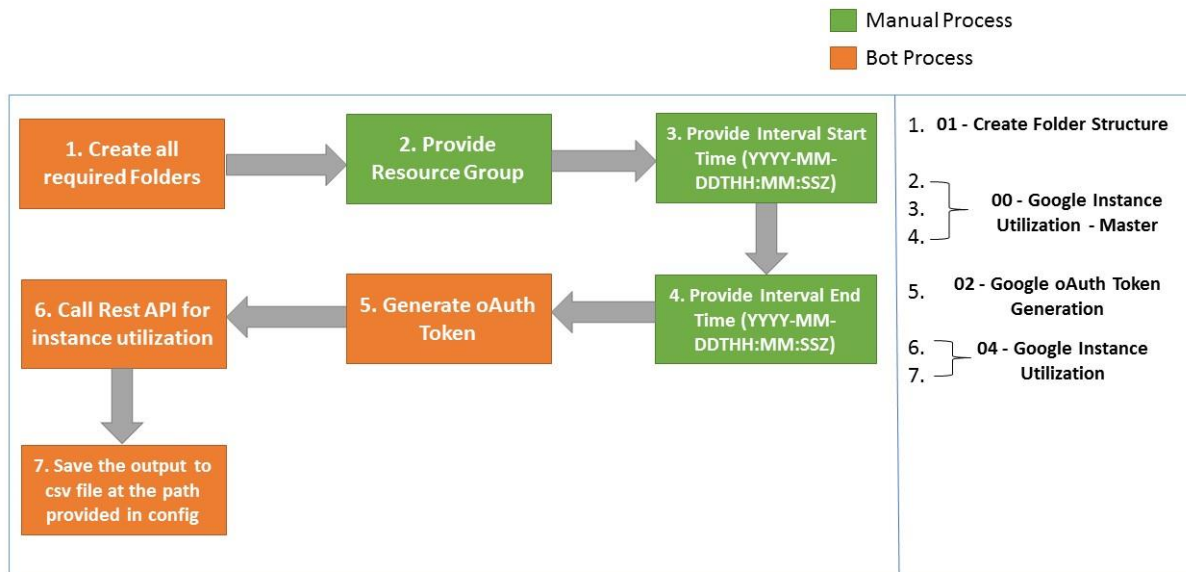
For first time users, the “Bot Store” folder is created under <AA Directory>/My Tasks (on your local disk). Folder Structure

Create the following folder structure of the content in the AA Dir:

- <AA Directory> ○ My Tasks
 - Bot Store
 - Google Cloud Instance Utilization - Automation Anywhere ○ My Tasks
 - 00 - Google Instance Utilization - Master.atmx
 - 01 - Create Folder Structure.atmx
 - 02 - Google OAuth Token Generation.atmx
 - 03 - Google Instance Utilization.atmx ○ Error Folder
 - Logs (Folder) Error Logs Month-Day-Year.txt
 - Snapshots (Folder) Error Snap Month-Day-Year.png
 - Input Files
 - GoogleConfigurationFile.txt

- My Metabots
 - GoogleOperations.mbot
 - Zendesk.mbot
 - CredentialVault.mbot

WorkFlow



How to Use the Bot:

Use the following information to configure your bot and provide the values.

Following are the available variables in 02 - Google OAuth Token Generation.atmx and 04 - Google Instance Utilization.atmx files.

- 02 - Google OAuth Token Generation.atmx
 - ClientId
 - ClientSecret
 - RedirectURL
 - GoogleLoginUsername
 - GoogleLoginPassword
- 04 - Google Instance Utilization.atmx
 - ClientId
 - ClientSecret
 - RedirectURL

- AccessToken (Generated from 02 - Google oAuth Token Generation.atmx Bot) ▪
ProjectName

The following values have to be provided via Prompt Message, which are passed to the Metabot to generate report.

Parameter Name	Type	Direction	Additional Info
Project Name	String	Input	Project Name got from Google Console
vIntervalStartTime	String	Input	CPU utilization start time. (format yyyy-mm-ddThh:mm:ssZ)
vIntervalEndTime	String	Input	CPU utilization end time. (format yyyy-mm-ddThh:mm:ssZ)

Credential Vault Parameters

Locker Name	Credential Name	Attribute Name	Type	Description
GoogleDW	GoogleConsoleLogin	ClientId	Standard	Specifies the Google Console client id of the calling web service. To find the calling application's client ID, in the Google Console.
GoogleDW	GoogleConsoleLogin	ClientSecret	Standard	Specifies the Google Console client secret of the calling web service. To find the calling application's client Secret, in the Google Console

GoogleDW	GoogleConsoleLogin	RedirectUri	Standard	Determines how Google's authorization server sends a response to your app. There are several redirect options available to installed apps, and you will have set up your authorization credentials with a particular redirect
				method in mind.
GoogleDW	GoogleConsoleLogin	Username	Standard	Username used for Google login
GoogleDW	GoogleConsoleLogin	Password	Standard	Password used for Google login

Error Handling

Each Bot folder contains the below hierarchy

- Error Folder
 - Logs
 - Error Logs Month-Day-Year.txt: In case of any error, this file logs error message along with time stamp
 - Snapshots
 - Error Snap Month-Day-Year.png: In case of any error, this file captures screenshot of error

Task Status of bot is set to fail in case of error.

More Info

Google API configuration requirements <https://cloud.google.com/deployment-manager/docs/configuration/type-providers/api-requirements>

Control Room Setup <https://automationanywhere-support.app.box.com/embed/s/1596mlhf0obc57mlvfwdyae5jrzypad4/file/387929956623>



Bot Store

Note: Please create credential vault and locker in control room with the user who has access to the Credential Vault menu and grant access to the bot creator/ runner users to utilize them.