



# Apigee Command Package

## Readme

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**Version 1.0**

**21/09/2022**

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# 1. Introduction

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This document contains all essential information for the user to make full use of this A360 Apigee Command Package. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration.

## 1.1 Overview

This package enables integration of A360 RPA Bots with Google “Apigee Integration” features and functionality. The package provides actions to authenticate with Google Apigee, Discover pre-built integrations using an assistant and invoke the integrations as APIs directly from the bot.

## 1.2 Use cases

The key use cases include:

- Extract data from legacy applications using RPA and feed it to a BigQuery instance on GCP
- Connect RPA to databases like [MySQL](#) and to event driven systems like [Cloud Pub/Sub](#) configured on customer’s apigee instance
- Invoke integrations in response to A360 Bot events or on a customized schedule
- Combine RPA use cases with long-running processes in apigee
- Drive more value by reusing automation assets already created by your IT and LoB automation teams in Apigee

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## 2. Requirements & Prerequisites

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### 2.1 System Requirements

#### [Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

### 2.2 Prerequisites

To get started with the Apigee Command Package, the bot creator will need to have access to a Google Cloud, Google Cloud Project and an Apigee subscription. For more information on getting started with apigee integrations , see [here](#).

This package also requires some knowledge of Apigee Integrations terminology, and it is recommended to read [here](#)

This package follows Google Cloud guidelines for authenticating an external client (A360 Bot) with OAuth 2.0. Please refer to the process described here to retrieve a client ID and client secret for authentication.

## 3. Getting Started

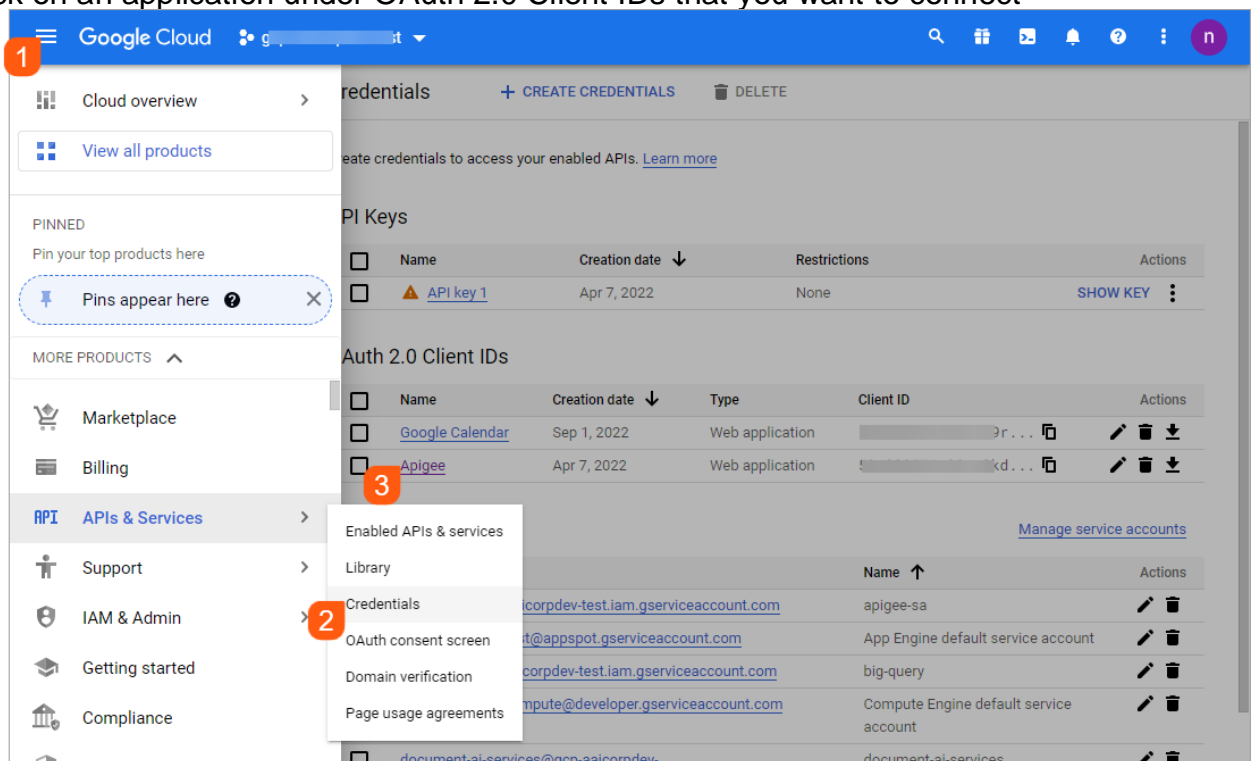
### 3.1 Quick Start

#### 3.1.1 Setup

Once your client ID and client secret have been retrieved, you are all set! You can use these credentials in the “Connect” or “Execute” action within the Apigee Command Package to authenticate and subsequently discover and configure the pre-built integrations of your choice. Alternatively, you may follow the below instructions for the complete setup:

**3.1.1.1 - Apigee Connect:** With Apigee Connect action, you can enter all the credentials to connect to a Google Cloud Platform (GCP) instance. The GCP manages the access to the Apigee instance.

- 1) Open the Google Cloud console
- 2) At the top-left, click Menu APIs & Services > Credentials
- 3) Click on an application under OAuth 2.0 Client IDs that you want to connect

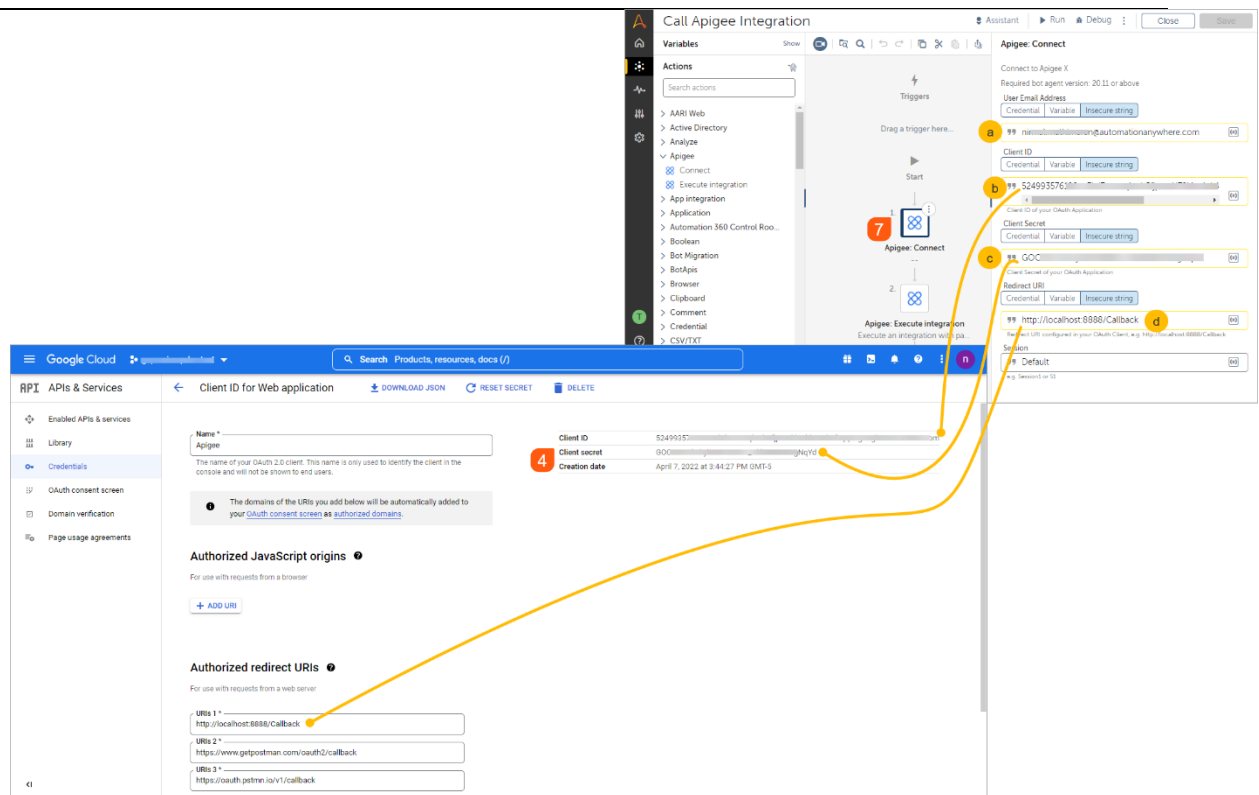


- 4) Copy the **Client ID**, **Client secret**, and **URI**.
- 5) Log in to the Control Room.
- 6) Open a new bot:
  - i) On the left panel, click **Automation**.

- ii) Click **Create new > Bot**.
  - iii) In the Create Task Bot window, enter the bot name. For more information about choosing bot names, see [bot naming conventions](#).
  - iv) Accept the default folder location: \Bots\  
To change where your bot is stored, click **Choose** and follow the prompts.
  - v) Click **Create and edit**.
- 7) From the Actions pane, select **Apigee > Connect** and place it under the **Start** of the bot flow

Option	Steps
<b>User Email Address/Client ID/Client secret/Redirect URI</b>	<p>Select one of the following options to specify the <b>User Email Address/Client ID/Client secret/ Redirect URI</b>:</p> <ul style="list-style-type: none"> <li>▪ <b>Credential</b>: Enables you to use a value available in the Credential Vault that contains information about the User Email Address/Client ID/Client secret/Redirect URI.</li> <li>▪ <b>Variable</b>: Enables you to use a credential variable that contains information about the User Email Address/Client ID/Client secret/Redirect URI..</li> <li>▪ <b>Insecure string</b>: Enables you to enter the User Email Address/Client ID/Client secret/Redirect URI.</li> </ul>

- a) In the **User Email Address** provide the email address used to login to the Google Cloud account.
- b) In the **Client ID** field, paste the **Client ID** copied from the GCloud. In this illustration **Insecure string** is used, while you can use **Credential** or **Variable** options for better security.
- c) In the **Client Secret** field, paste the **Client Secret** copied from the GCloud.



d) In the **Redirect URI** provide a redirect URI from the GCloud account.

e) Enter **Default** as the Session name.

**3.1.1.2 - Apigee Execute:** You can configure and execute an integration in Apigee using the Apigee Execute Integration action.

- 1) Click **Discover integrations to configure**. **Step 1/4: Connect to Apigee X** appears. Enter the credentials and click connect. **Step 2/4: Load Integration** screen appears.
- 2) Select the following in the **Step 2/4: Load Integration** screen.
  - a. Click the **Project ID** drop-down and select the project ID from where you want to load the integration.
  - b. Click the **Location** drop-down and select the location from where you want to load the integration.

Step 2/4: Load Integrations

Cancel

Next

Project ID

gcp-xxxxx

a

Location

us-central1

b

- 3) Click **Next**. **Step 3/4: Select an Integration** screen appears with all the available integrations. Select an integration from the list.

Step 3/4: Select an Integration Cancel Next

Select an Integration ↻

Name	Description	Location	Active	Update Time
aaa-apigee-discovery	Launch a bot for Mone...	us-central1	true	2022-09-06T15:34:27...
aaa-launch-sfdc-bot	Launch a bot on Autom...	us-central1	true	2022-09-02T17:58:31...

- 4) Click **Next**. **Step 4/4: Configure my Integration** screen appears with all the configuration options. click the **API Trigger** drop-down and select the trigger you want to invoke.

Step 4/4: Configure my Integration Cancel Done

API Trigger ↻

api\_trigger/aaa-apigee-discovery\_API\_1

Input parameters (optional) ↻

Name	Type	Value
in_email_address	String	

The input parameters are the parameters retrieved from Apigee.

- 5) Click **Done**. All the selected options are displayed as parameters in the **Apigee: Execute integration** action. Enter **Default** as the session name.
- 6) To verify the response from the Apigee integration, you can store the response to a variable.



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### 3.1.2 Configuration and Use

This command package contains the following actions:

▼ Apigee

 Connect

 Execute integration

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## 4. Support & FAQs

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### 4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

### 4.2 FAQs

*Instructions: Add any Frequently Asked Questions related to Bot that you think would be helpful to the customer*

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

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## Appendix A: Record of Changes

*Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.*

No.	Version Number	Date of Change	Author	Notes
<b>1</b>	<b>1.0.0</b>	<b>21/Sep/2022</b>	<b>Vineet Pujari</b>	<b>Initial Release</b>

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## Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click <a href="#">here</a>
2	Guidance: Building basic A2019 bots	Click <a href="#">here</a>
3	Guidance: Building A2019 action packages	Click <a href="#">here</a>
4	APeople Community Forum	Click <a href="#">here</a>
5	Automation Anywhere University	Click <a href="#">here</a>