



# Create a New Service Account (Browser)

## Project Astra

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# Create a New Service Account (Browser)

Learn how to create a new service account using the Google Cloud Platform (GCP) console in your browser.

For instructions on creating a new service account from the command line using the `gcloud` tool, please see [Create a New Service Account \(gcloud\)](#).

## Requirements

- An active GCP account.
- A GCP project. [Create a New GCP Project](#).

## External Resources

To learn more about GCP service accounts, [see the official Google Cloud documentation](#).

## Create a Service Account

Log in to the [Google Cloud Console](#) and go to **IAM and Admin** > **Service Accounts**. Click + **CREATE SERVICE ACCOUNT**.

The screenshot shows the Google Cloud Platform console interface. The top navigation bar includes the Google Cloud Platform logo, the project name 'Astra TME Sandbox', and a search bar. The left sidebar shows the 'IAM & Admin' section with sub-items: IAM, Identity & Organization, Policy Troubleshooter, Organization Policies, Quotas, and Service Accounts (which is highlighted). The main content area is titled 'Service accounts' and features a red-outlined button labeled '+ CREATE SERVICE ACCOUNT'. Below this, there is a section for 'Service accounts for project "Astra TME Sandbox"' with a description of service accounts and a link to 'account organization policies'. A table with the heading 'Filter table' contains one service account entry:

<input type="checkbox"/>	Email	Status	Name
<input type="checkbox"/>	example-new-sa@...iam.gserviceaccount.com		

Fill in the "Service account name" field. In the example below, the service account name is **astra-alpha**. The "Service account ID" field is automatically generated, but can be modified. You may add an optional service account description. Click **CREATE** to continue.

## Create service account

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### Service account details

Service account name

astra-alpha

Display name for this service account

Service account ID

astra-alpha

@iam.gserviceaccount.com



Service account description

Describe what this service account will do

CREATE

CANCEL

Next, grant this service account permissions for your project.

GCP has a large number of roles. Use the filter to quickly locate the ones you need for Project Astra. Click in the **Select a role** field and search for the role name you need. Click on the role to add it, then click + **ADD ANOTHER ROLE** and repeat the process for each of the five required roles.

Project Astra requires the following roles:

- Compute Network Viewer
- Kubernetes Engine Admin
- NetApp Cloud Volumes Admin

- Service Usage Viewer
- Storage Admin

After you add all five roles, click **CONTINUE**. Click **DONE** to finish and return to the list of service accounts.

Find the service account you just created. Use the **Actions** menu at the end of the row to **Create key**. Leave the radio button set to JSON and click **CREATE**. This creates a JSON file for the service account and downloads the file to your computer.



Don't be alarmed by the warning about not being able to recover the key file if lost. You can delete a "lost" key and generate a new one any time.

## Next Steps

Congratulations! You have successfully created a service account with the required roles and downloaded the JSON key file.

In the first step of the Project Astra Add Compute wizard, you will be prompted to find this **.json** file on your local workstation and upload it. See the [Getting Started Guide](#) for additional instructions.

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