

[Security & Identity Products](https://cloud.google.com/products/security/) (<https://cloud.google.com/products/security/>)

[Resource Manager](https://cloud.google.com/resource-manager/) (<https://cloud.google.com/resource-manager/>)

[Documentation](https://cloud.google.com/resource-manager/docs/) (<https://cloud.google.com/resource-manager/docs/>) [Guides](#)

# Creating and Managing Organizations

The Organization resource is the root node in the [Google Cloud Platform resource hierarchy](https://cloud.google.com/resource-manager/docs/overview#cloud_platform_resource_hierarchy_and_iam_policy_hierarchy) ([https://cloud.google.com/resource-manager/docs/overview#cloud\\_platform\\_resource\\_hierarchy\\_and\\_iam\\_policy\\_hierarchy](https://cloud.google.com/resource-manager/docs/overview#cloud_platform_resource_hierarchy_and_iam_policy_hierarchy)) and is the hierarchical super node of projects. This page explains how to acquire and manage an Organization resource.

## Before you begin

Read an [overview](#)

(<https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy#organizations>) of the Organization resource.

## Getting an Organization resource

An Organization resource is available for G Suite and Cloud Identity customers:

- **G Suite:** Learn [About G Suite](https://support.google.com/a/answer/53926) (<https://support.google.com/a/answer/53926>).
- **Cloud Identity:** Learn [About Cloud Identity](https://support.google.com/a/answer/7319251) (<https://support.google.com/a/answer/7319251>).

An Organization resource is automatically created the first time a user associated with a G Suite or Cloud Identity domain creates a project or billing account. The Organization will be linked to your account with the project or billing account set as a child resource. All projects and billing accounts created under your G Suite or Cloud Identity domain will be children of this Organization.

- For information about how to migrate pre-existing projects, see [Migrating existing projects](https://cloud.google.com/resource-manager/docs/migrating-projects-billing) (<https://cloud.google.com/resource-manager/docs/migrating-projects-billing>).

Each G Suite or Cloud Identity account is associated with exactly one Organization. An Organization is associated with exactly one domain, which is set when the Organization resource is created.

When the Organization resource is created, we communicate its availability to the G Suite or Cloud Identity super admins. These super admin accounts should be used carefully because they have a lot of control over your organization and all the resources underneath it. For this reason, we do not recommend using G Suite or Cloud Identity super admin accounts for the day-to-day management of your organization. For more information about using G Suite or Cloud Identity super admin accounts in Google Cloud, see [Super Admin Best Practices](https://cloud.google.com/resource-manager/docs/super-admin-best-practices) (<https://cloud.google.com/resource-manager/docs/super-admin-best-practices>).

To actively adopt the Organization resource, the G Suite or Cloud Identity super admins need to assign the Organization Administrator Cloud IAM role to a user or group. For steps on setting up your organization, see [Setting up your organization](#) (#setting-up).

- When the organization is created, all users in your domain are automatically granted Project Creator and Billing Account Creator IAM roles at the organization level. This enables users in your domain to continue creating projects with no disruption.
- The Organization Administrator will decide when they want to start actively using the organization. They can then change the default permissions and enforce more restrictive policies as needed.
- If the organization is available and you don't have the Cloud IAM permissions to view it, you can still create projects and billing accounts. These are automatically created under the Organization resource, even if you can't see it.

## Getting your organization ID

The organization ID is a unique identifier for an organization and is automatically created when your Organization resource is created. Organization IDs are formatted as decimal numbers, and cannot have leading zeroes.

You can get your organization ID using either the Cloud Console, the `gcloud` tool, or the Resource Manager API.

CONSOLE

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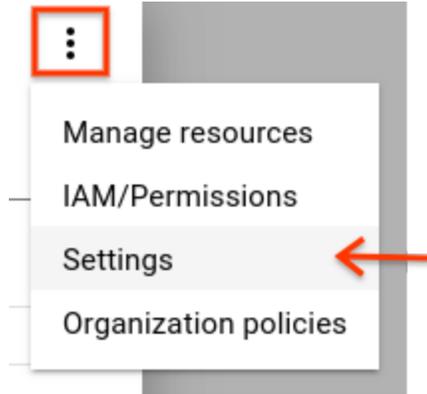
API

To get your organization ID using the Cloud Console:

1. Go to the Cloud Console:

**GO TO THE CLOUD CONSOLE ([HTTPS://CONSOLE.CLOUD.GOOGLE.COM/](https://console.cloud.google.com/))**

2. At the top of the page, click the project selection drop-down list.
3. On the **Select from** window that appears, click the organization drop-down list and then select the organization you want.
4. On the right side, click **More**, then click **Settings**.



The **Settings** page displays your organization's ID.

## Setting up your organization

If you're a G Suite or Cloud Identity customer, an Organization resource is provided to you automatically.

The G Suite or Cloud Identity super administrators are the first users who can access the organization upon creation. All other users or groups will be able to use GCP as before. They'll be able to see the Organization resource, but they'll only be able to modify it after the correct permissions are set.

The G Suite or Cloud Identity super administrators and the GCP Organization admin are key roles during the setup process and for lifecycle control for the Organization resource. The two roles are generally assigned to different users or groups, although this depends on the organization structure and needs.

G Suite or Cloud Identity super administrator responsibilities, in the context of GCP Organization setup are:

- Assigning the Organization admin role to some users
- Being a point of contact in case of recovery issues

- Controlling the lifecycle of the G Suite or Cloud Identity account and Organization resource as explained under [Deleting an Organization resource](https://cloud.google.com/resource-manager/docs/organization-resource-management#delete-org) (<https://cloud.google.com/resource-manager/docs/organization-resource-management#delete-org>)

The Organization admin, once assigned, can assign IAM roles to other users. The responsibilities of the Organization admin role are:

- Defining IAM policies
- Determining the structure of the [Resource Hierarchy](https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy) (<https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy>)
- Delegating responsibility over critical components such as Networking, Billing, Resource Hierarchy through IAM roles

Following the principle of least privilege, this role does not include the permission to perform other actions, such as creating folders. To get these permissions, an Organization admin must assign additional roles to their account.

Having two distinct roles ensures separation of duties between the G Suite or Cloud Identity super administrators and the GCP Organization admin. This is often a requirement as the two Google products are typically managed by different departments in the customer's organization.

To begin actively using the Organization resource, follow the steps below to add an Organization Admin:

## Adding an organization admin

### CONSOLE

To add an Organization admin:

1. Sign in to the Google Cloud Console as a G Suite or Cloud Identity super administrator and navigate to the **IAM & Admin** page:

**OPEN THE IAM & ADMIN PAGE** ([HTTPS://CONSOLE.CLOUD.GOOGLE.COM/IAM-ADMIN](https://console.cloud.google.com/iam-admin))

2. Select the organization you want to edit:
  - a. Click the project drop-down list at the top of the page.
  - b. In the **Select from** dialog, click the organization drop-down list, and select the organization to which you want to add an Organization admin.

- c. On the list that appears, click the organization to open its **IAM Permissions** page.
3. Click **Add**, and then enter the email address of one or more users you want to set as organization administrators.
4. In the **Select a role** drop-down list, select **Resource Manager > Organization Administrator**, and then click **Save**.

The Organization admin can do the following:

- Take full control of the organization. Separation of responsibilities between G Suite or Cloud Identity super administrator and Google Cloud administrator is established.
- Delegate responsibility over critical functions by assigning the relevant Cloud IAM roles.

As explained in [Acquiring an Organization resource](#) (#acquiring), upon creation, all users in the domain are granted Project Creator and Billing Account Creator roles at the organization level by default. This ensures that no disruption is caused to GCP users when the Organization resource is created. As the Organization admin takes control, they may want to remove these Organization level permissions to start locking down access at a finer granularity (for instance, at the folder or project level). Note that, because IAM policies are inherited down the hierarchy, having Project Creator role assigned to the entire domain (domain:mycompany.com) at the organization level implies that every user in the domain can create projects anywhere in the hierarchy.

## Creating projects in your organization

**CONSOLE**    API

You can create a project in the organization using the Cloud Console after the Organization resource is enabled for your domain.

To create a new project in the organization:

1. Go to the **Manage resources** page in the Cloud Console.

**[GO TO THE MANAGE RESOURCES PAGE](https://console.cloud.google.com/cloud-resources)** (HTTPS://CONSOLE.CLOUD.GOOGLE.COM/CLOUD-RESOU

2. On the **Select organization** drop-down list at the top of the page, select the organization in which you want to create a project. If you are a free trial user, skip this step, as this list does not appear.
3. Click **Create Project**.

4. In the **New Project** window that appears, enter a project name and select a billing account as applicable.
5. If you want to add the project to a folder, enter the folder name in the **Location** box.
6. When you're finished entering new project details, click **Create**.

## Viewing projects in an Organization

Users can only view and list projects they have access to via IAM roles. The Organization Admin can view and list all projects in the organization.

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To view all projects in an organization using the Cloud Console:

1. Go to the Google Cloud Console:  
**[GO TO GOOGLE CLOUD CONSOLE \(HTTPS://CONSOLE.CLOUD.GOOGLE.COM/\)](https://console.cloud.google.com/)**
2. Click on the **Organization** drop-down on top of the page.
3. Select your organization.
4. Click **Project** drop-down on top of the page and the click **View more projects**. All projects in the organization are listed on the page.

The **No organization** option in the **Organization** drop-down lists the following projects:

- Projects that do not belong to the Organization yet.
- Projects for which the user has access to, but are under an Organization to which the user does not have access.

## Deleting an Organization resource

The Organization resource is bound to your G Suite or Cloud Identity account.

If you would prefer not to use the Organization resource, we recommend restoring the Organization's IAM policy to the original state using the following steps:

1. Add your domain to the **Project Creator** and **Billing Account Creator** roles.
2. Remove all other entries in the Organization's IAM policy.

This will allow your users to continue to create Projects and Billing Accounts while allowing the G Suite or Cloud Identity super admins to recover central administration later.

If you want to delete your Organization and **all resources associated with it**, delete your G Suite (<https://support.google.com/domains/answer/6313602?hl=en>) account. For Cloud Identity (<https://support.google.com/cloudidentity/answer/7384508>) users, cancel all other Google services, then delete your Google account.

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