



# NGC User Guide

## Application Note

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# Chapter 1. What is NVIDIA NGC?

NVIDIA NGC™ is a cloud platform providing fully managed services, including [NVIDIA AI Enterprise](#), [DGX Cloud](#), and [Riva Studio](#) for Natural Language Understanding (NLU) and speech AI solutions. AI practitioners can leverage [NVIDIA DGX Cloud](#) for model training, [NVIDIA AI Enterprise](#) to obtain the latest NVIDIA NIM™ models, and the [NGC Private Registry](#) for securely sharing proprietary AI software. NGC also hosts a [catalog](#) of GPU-optimized AI software, SDKs, and Jupyter Notebooks to accelerate AI workflows and offers support through [NVIDIA AI Enterprise](#).

Enterprises access their AI cloud services via a dedicated virtual NVIDIA Cloud Account (NCA) linked to the NGC organization where their services are enabled.

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## Chapter 2. Why NGC Software

NGC provides software to meet the needs of data scientists, developers, and researchers across various levels of AI expertise.

All software hosted on NGC undergoes thorough scans for common vulnerabilities and exposures (CVEs), crypto, and private keys.

In addition to security scanning, NGC software is tested against a wide range of GPU-enabled platforms, including public cloud instances, workstations, and OEM servers designed for data center or edge deployments. Supported GPUs include H100, V100, A100, T4, Jetson, and the RTX Quadro.

NGC software is tested and assured to scale across multiple GPUs and, in some cases, across multiple nodes, ensuring users can fully utilize their GPU-powered servers out of the box.

For select containers, NVIDIA offers NGC Support Services to run software on DGX platforms or certified OEM servers. The service gives enterprise IT direct access to NVIDIA subject matter experts to address software issues and minimize system downtime quickly.



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# Chapter 3. NGC Organizations and Teams

An NGC organization (org) is linked to an NVIDIA Cloud Account and shares the same account number. The dedicated account instance is used to enable and manage NVIDIA cloud services.

Users can access an NGC org in the following ways:

- 1) A user can sign up for a free NGC org through the NGC [sign-in](#) portal and create a new NVIDIA cloud account that grants access to an NGC org enabled with NVIDIA Catalog access (public artifacts only).
- 2) NVIDIA sends a message to the company or person granted entitlement for a service delivered in NGC. This can happen through a purchase order, early trial program, or other commercially related offers. The message's recipient then follows the entitlement steps to be granted an NVIDIA Cloud Account and gain access to their NGC service.
- 3) The account owner adds a user to an NCA account, then grants the required permissions to access the NGC org. The account owner will invite the user through an [NCA invitation email](#) or add the user using a corporate [AD group membership](#) rule mapped to the NGC org. Note that only 'enterprise' type orgs support the ability for account owners to manage additional users.

Users who sign up for an NGC org through the NGC sign-in portal get assigned an NCA account linked to an individual org that is automatically enabled with the [NGC Catalog](#) service and grants authenticated access to the catalog. An individual org is only accessible by a single user, the org owner. The NCA account linked to the org supports additional users, but these users cannot be assigned NGC access permissions.

An NVIDIA premium cloud service subscription, such as NVAIE or DGX Cloud, will be granted through purchase, an early access program, or the NGC Activate Subscription portal. Subscriptions get enabled on enterprise NGC orgs. Alternatively, an individual org is converted to an enterprise org when a user activates their subscription through the NGC activate subscription portal. An NGC enterprise org is linked to an NCA account and supports additional users, subdividing NGC resources into NGC teams, and role-based access rules.

## 3.1. NVIDIA Cloud Accounts and NGC

NVIDIA Cloud Accounts (NCA) is required to manage user access within NGC. It is fully integrated with NGC, allowing user management to be handled within the NGC environment. This integration automates the process of adding users to the NCA account directly from the NGC Add User pane, eliminating the need for the NGC owner or administrator to navigate to the NCA UI separately.

Organization > Users > Add User

#### Add User

**Step 1: Add User to NVIDIA Cloud Account**

Users need an NVIDIA Cloud Account (NCA) to access NGC. To invite a new user to NCA, please provide their email address and assign a role.

**NVIDIA Cloud Account**

Email Address * <input type="text" value="Enter Email Address"/>	NVIDIA Cloud Account Role * <input type="text" value="Select Role"/>
---	---

Assign the NCA Administrator role to enable the user to invite others.

**Email Invitation**

Message <input type="text" value="Hello, Please join this account. Thanks."/>	Invitation Expiry <input type="text" value="6 hours"/>
--	---

You may include a personalized message to be sent to the invited user. Choose an expiration period for the invitation. The user must accept the invitation before it expires.

**Step 2: Assign Permissions to New User**

After the user is added, the next step (Step 2) requires the NGC owner or administrator to assign access permissions to the service entitlements hosted in the NGC org (for example, NVAIE or DGX Cloud).

As a follow-up step, the owner or administrator can navigate to the NCA UI console to setup essential services like:

- ▶ Set up an account recovery email (Highly recommended)
- ▶ Add additional NCA administrators (Highly recommended)
- ▶ Enter company information
- ▶ Manage user tenancy status

Removing a user from NGC doesn't remove their associated NCA account. The user's access permissions within the NGC organization are revoked, but the NCA account itself remains active. To completely remove a user from all NVIDIA cloud services, the user must be removed at the NCA account level.

While users can be added and assigned permissions within the NGC UI console, administrators should be aware of additional steps necessary to manage the NCA account.

To learn more about NCA, visit [NVIDIA Cloud Accounts](#).

NCA provides a convenient and scalable way to set up and manage access to NVIDIA cloud services for various users within your company.

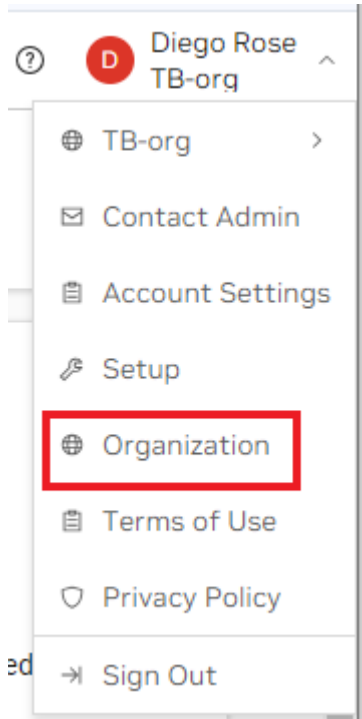


## 3.2. NGC Teams

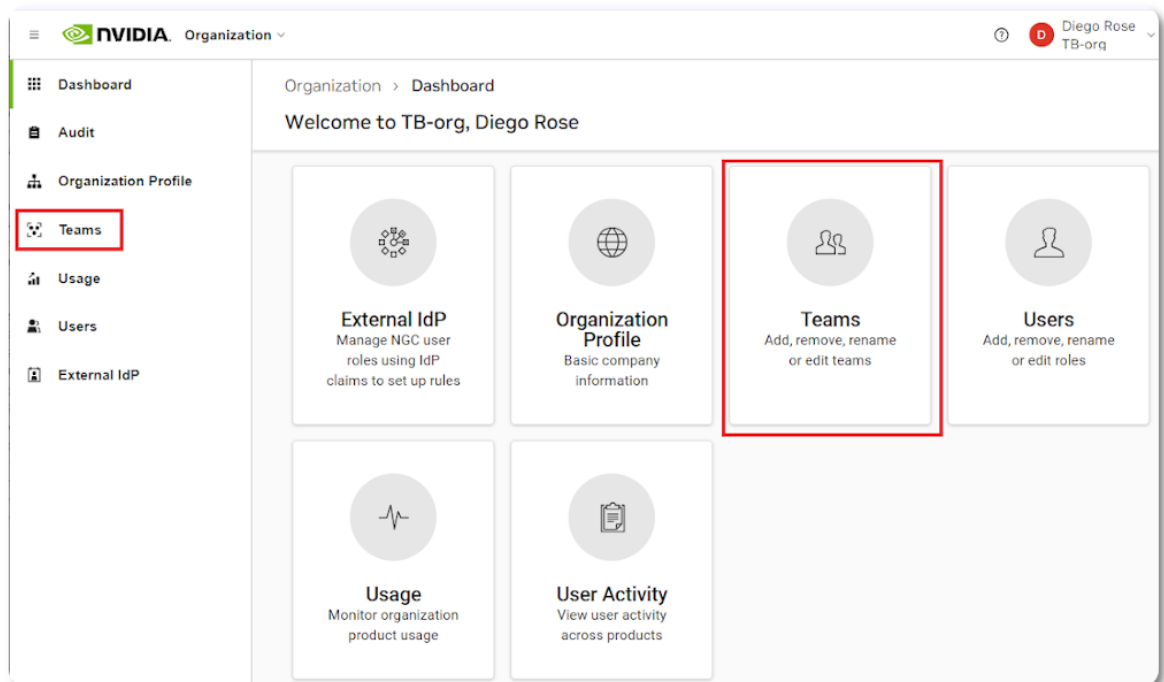
An NGC team is a virtual sub-unit within an org, each with its own registry space. Only the same NGC team members have access to that team's registry space. Creating NGC teams allows users to share images within their team while keeping them hidden from other NGC teams in the same organization. Only the org owner or a user with the user admin role can create NGC teams. A user admin assigned at the org level (without specifying teams), can manage users across all NGC teams within the organization. If assigned to a specific NGC team, the user admin can only access and manage users exclusively within that team.

To create an NGC team, follow these steps:

1. Log in to your NGC org.
2. Select Organization from the user account menu.



3. On the dashboard or in the left navigation, select Teams.



4. On the Teams page, click Create Team on the upper right corner.



5. Enter a team name and description. Note that names must be all lowercase.
6. Click Create Team to finish.

### 3.3. NGC Org Owner and Other Org Users

When an NGC org is created, an NVIDIA Cloud Account (NCA) is required to access the NGC org. The NCA account is automatically generated, and the user needs to name it. The user is assigned the owner role in NCA and NGC as the initial user.

As mentioned previously, an individual org is only accessible by the org owner; additional users are not supported. To verify the type of org you manage, sign in to NGC to access your org. Under the user account menu, select Organization, and then select Organization Profile in the left navigation pane.

Organization > Profile

**TB-org**

**Basic Information** ✎

Change Organization Details

Display Name (Customer Name)

TB-org

Description

Test Org

Name  
xvy2tenvwbmj

Display Name  
TB-org

Type  
**ENTERPRISE**

Description  
Test Org

Owner  
Diego Rose

Owner Email  
-

The org owner possesses the highest admin privileges in an NGC org. The org owner of an enterprise org can add and remove NGC teams and users, and assign NGC permissions to each added user by managing the assignment of teams and roles. When a new user gets added, the org owner invites the user to join the NVIDIA Cloud Account, then assigns access to the entire org or limits the user's access to a team or a

set of teams created within the org. Then, the org owner controls the user's access by assigning the permissions (roles) necessary to perform their functions within the org or team.

An org supports up to three org owners, and only an org owner can add or invite additional org owners to share in the NGC org management responsibilities. In NCA, only one owner is supported, therefore to support the additional NGC org owners the account owner must assign the NCA "Admin" role when creating the add user invitation. For details, see the steps to add org additional org owners. To prevent accidentally adding an outside user as an org owner, the email address domain between all org owners' users must match.

For example, if the users' email addresses are `john@intelligence.ai`, `jane@intelligence.ai`, and `peter@intelligence.ai`, then all three can be added as org owners because their email address domains match. In contrast, if Peter's email address was `peter@artificial.ai`, then Peter cannot be added as an org owner.

Follow the steps in the next section to add a new org owner or additional users with different access permissions.

### 3.3.1. Adding NGC Users to an Org

The following section guides you through the steps to add a new org owner or additional users with different access permissions.

1. [Sign in to NGC](#). Select the correct NCA account linked to the NGC org you want to manage, and click Continue.

**NVIDIA NGC**

Select Your NVIDIA Cloud Account / Team

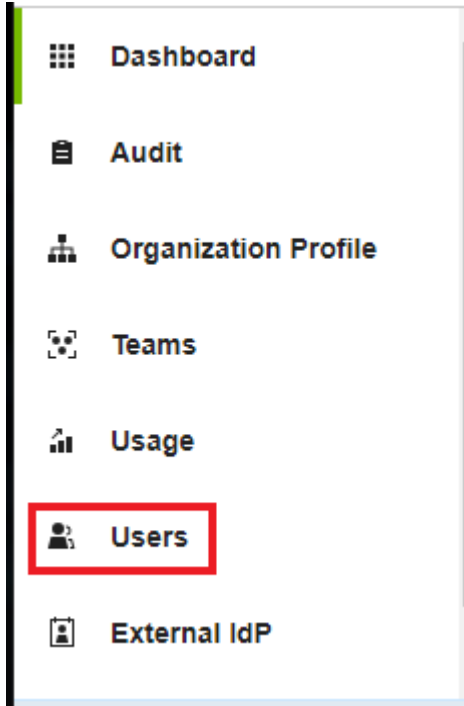
Organizations within NVIDIA GPU Cloud allow you to share registries and resources with colleagues.

Select One

Miramontes Labs
0486912258572994
NGC UX Test
0484809030898195

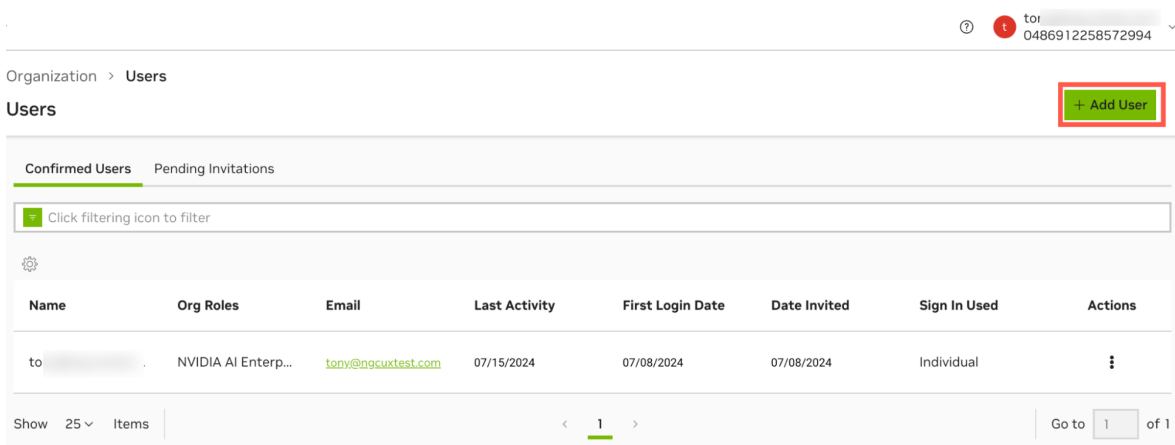
0486912258572994 [Continue](#)

2. Select Organization from the user account menu. On the dashboard or in the left navigation, select Users.



3. Click Add User at the top-right corner.

**Important:** If your org is linked to an external IdP/SSO service, managing user membership using [NGC IdP Membership Rules](#) is recommended. If your IdP doesn't support groups, you can use the NGC add user service.



4. In Step 1, invite the user to be an "admin" if they require the ability to manage users in the NCA account, or assign the "member" role in NCA if they do not manage users.

- ▶ Enter the user email address, making sure the domain matches your email domain.
- ▶ Assign the NVIDIA Cloud Account Role "Administrator" or "Member."



- ▶ Customize the invitation email to inform the user what this is for (optional).
- ▶ Set an expiry for the invitation link (default: 6 hours).
- ▶ Click Add User and Send Invitation to proceed to Step 2.

Organization > Users > Add User

**Add User** Cancel

**Step 1: Add User to NVIDIA Cloud**

Users need an NVIDIA Cloud Account (NCA) to access NGC. To invite a new user to NCA, please provide their email address and assign a role.

**NVIDIA Cloud Account**

Email Address * faye	NVIDIA Cloud Account Role * Administrator
-------------------------	--

Assign the NCA Administrator role to enable the user to invite others.

**Email Invitation**

Message Hello Faye, Please join this account to help manage users and resources to NVIDIA app	Invitation Expiry 24 hours
--	-------------------------------

You may include a personalized message to be sent to the invited user.

Choose an expiration period for the invitation. The user must accept the invitation before it expires.

Add User and Send Invitation

**Step 2: Assign Permissions to New User**

5. After completing Step 1, you will see a successful invitation dialog and Step 2 configuration buttons become active.

#### User Role

To assign a role to the user:

- ▶ Select Organization for role assignment.
- ▶ Under the Organization roles, select Owner.
- ▶ Click Add Role to finish.

**Note:** If the user being added will not manage users or NGC teams, assign the "member" role in NCA and don't assign the Owner or User Admin role in NGC.

Organization > Users > Update User

## Update User

Cancel

Add User and Send Invitation

### Step 2: Assign Permissions to New User

#### Roles

Please select a context for role assignment.

Add Role

Organization (0486912258572994)

Team

#### NVIDIA AI Enterprise

Viewer

#### Private Registry

Admin

User

Read

#### Organization

Owner

User Admin

### Controlled Permissions

To assign controlled permissions to a user:

- ▶ Click the Organization or Team radio button.
- ▶ Assign a "role" under each NGC application, depending on the level of access to grant the user.

### Step 2: Assign Permissions to New User

#### Roles

Please select a context for role assignment.

Add Role

Organization (0486912258572994)

Team

#### NVIDIA AI Enterprise

Viewer

#### Private Registry

Admin

User

Read

#### Organization

Owner

User Admin

In this example, the user added is assigned the Viewer role under NVIDIA AI Enterprise and the User role under Private Registry. These permissions limit the user

to viewing and pulling artifacts from the NVIDIA Catalog and pushing and pulling artifacts to the org's private registry.

To learn more about NGC cloud services user roles, refer to the links below.

- ▶ [Base Command roles](#)
- ▶ [Fleet Command roles](#)
- ▶ [Private Registry roles](#)
- ▶ [NVIDIA AI Enterprise Viewer Role](#)



Note: NVIDIA NGC is introducing a new user role, "Public API Endpoints User," to control access to NVIDIA inferencing credits used for calling NVIDIA API Catalog NIM endpoints. This role must be assigned to NGC organization users who need to generate an NGC Personal Key to use API Catalog credits. For more information, go to [Assigning Services to Your Personal API Key](#). To update user roles, go to [Updating User Roles](#).

### Team Role Assignment

Assigning the user permissions at a Team level grants them access only to resources (such as containers, models) shared with that specific team. To grant a user access to resources across the entire org, assign the user roles at the Organization level.

6. The user added will receive an NCA invitation email message that includes the NCA URL to accept the invite and access the NGC org.

In the case of org owners, after all three org owners are added, any org owner can replace another org owner when needed. An org owner can remove another org owner by going to the 'users' list and selecting Remove User.

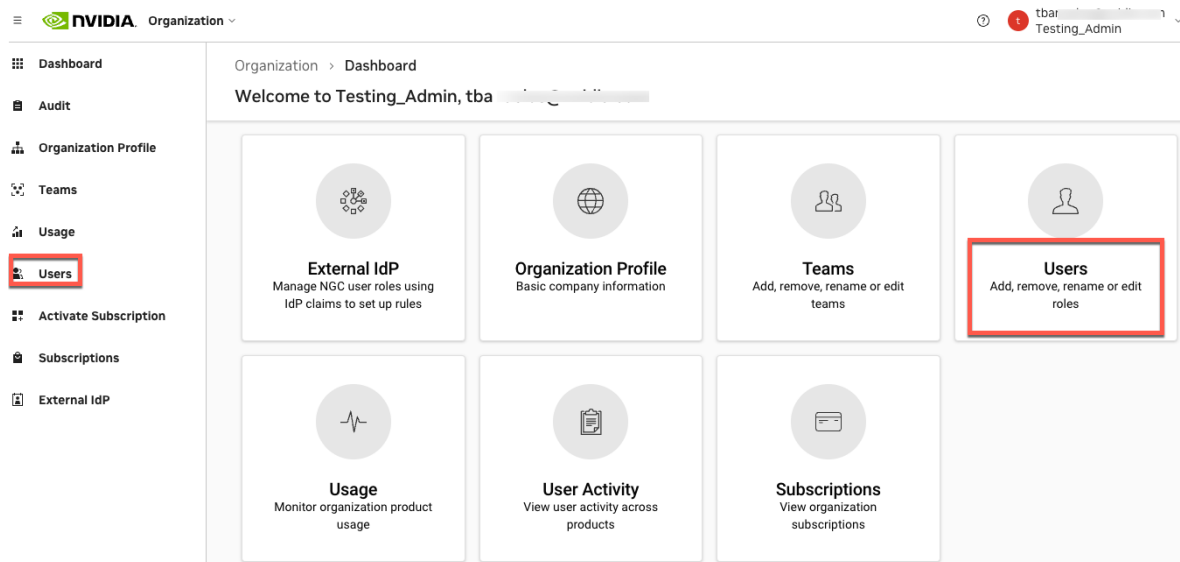
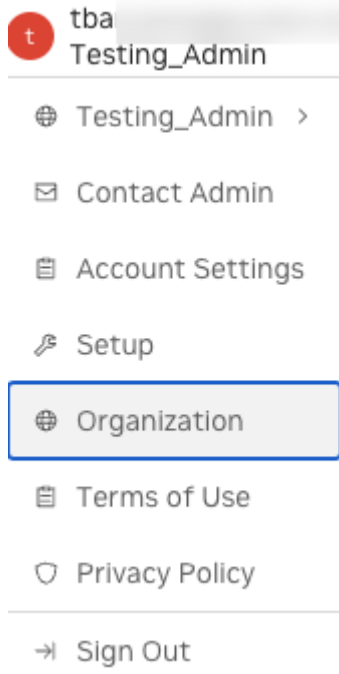
NAME	ORG ROLES	EMAIL	LAST ACTIVITY	FIRST LOGIN DATE	DATE INVITED	SIGN IN USED	
	Base Command Admi...		01/08/2024	03/06/2023	03/06/2023	SSO	⋮
	Base Command Admi...		01/08/2024	09/20/2023	09/20/2023		Remove User

When an org owner is deleted, an email notification is sent to the remaining active owners about the deletion event. Using the same steps above, a replacement owner can be invited.

## 3.3.2. Updating User Roles

The following section guides you through the steps to update user roles.

1. After signing in and selecting the NGC org to update, navigate to the Organization > Users page.



2. To locate the user, you can search by either email address or name using the filtering bar.

Organization > Users

Users

+ Add

Confirmed Users		Pending Invitations					
Name	Org Roles	Email	Last Activity	First Login Da...	Date Invited	Sign In Used	Ac
1w...	Org Owner, Re...	tba	11/07/2024	04/05/2022	04/05/2022	SSO	


- Click on the user you want to modify, then click Edit Membership at the top of the page.

Organization > Users > tba

tt

[Edit Membership](#)

[Remove User](#)

Teams	Personal Keys
<div style="text-align: center; margin-bottom: 10px;">  </div> <p>Email tt</p> <p>Roles  <a href="#">ORG OWNER</a> <a href="#">REGISTRY ADMIN</a> <a href="#">USER ADMIN</a> </p> <p>Date Created 04/05/2022 03:51 PM</p> <p>Last Login 11/</p>	<p>No results found</p> <p>Try refining your search filters</p>

- Select the desired roles to add to the user and click Add Role. A confirmation message will appear.

Organization > Users > Update User

### Update User Cancel

message: Hello, Please join this account. Thanks. 6 hours

You may include a personalized message to be sent to the invited user. Choose an expiration period for the invitation. The user must accept the invitation before it expires.

---

#### Step 2: Assign Permissions to New User

##### Roles Add Role

Please select a context for role assignment.

Organization (s6jzvcl32eb8)

Team ▼

**Private Registry**

- Admin
- User
- Read

**Fleet Command**

- Admin
- Operator
- Viewer

**Organization**

- User Admin

**NVIDIA AI Enterprise Essentials**

- Viewer

Showing 1 - 6 of 6

- To remove roles, find the assigned roles in the table at the bottom of the page. Click the X to remove that role from the user.

ORG NAME	TEAM NAME	ROLES	
s6jzvcl32eb8	testteam_1	Registry Admin	✕
s6jzvcl32eb8	testteam_1	User Admin	<span style="border: 2px solid red; padding: 2px;">✕</span>
s6jzvcl32eb8	fc_group1	Registry Admin	✕
s6jzvcl32eb8	fc_group1	User Admin	✕

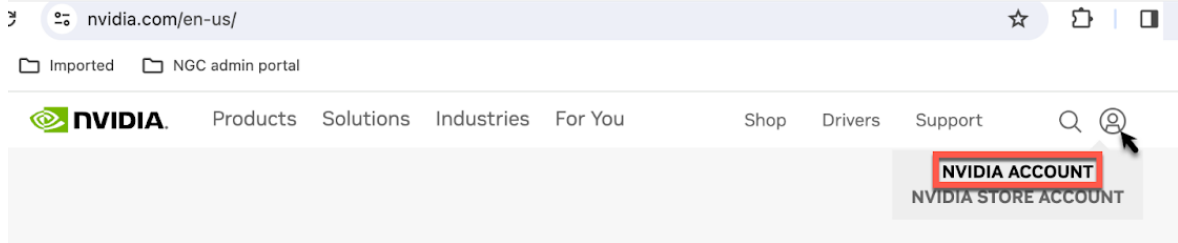
Display  results per page << 1 of 1 >>

Afterwards, you'll see a confirmation dialog.

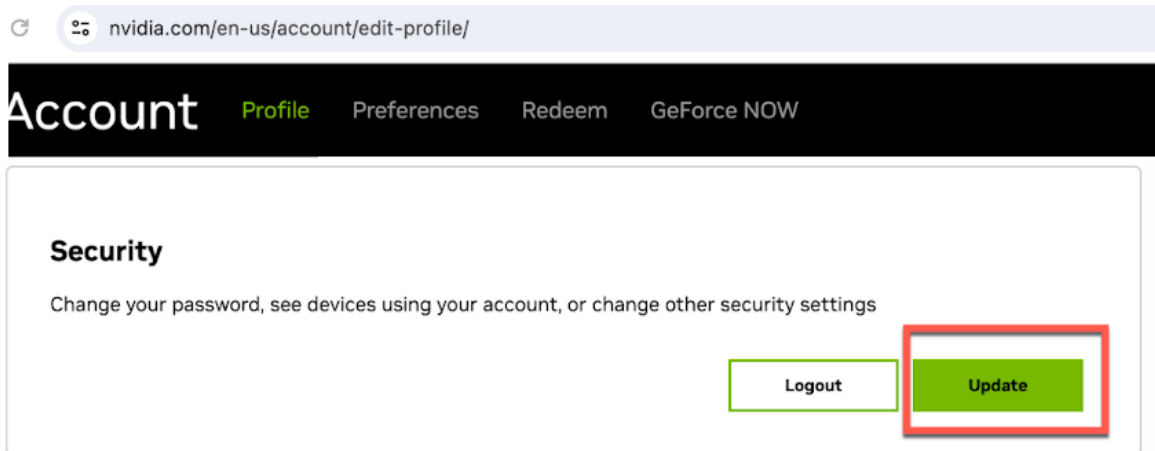
### 3.3.3. Securing the Owner Account with Multi-Factor Authentication

When you create your owner account, you receive an NVIDIA identity account that is protected by a password you set at the time of owner account creation. You can further secure access to your owner account by setting up multi-factor authentication using the directions below:

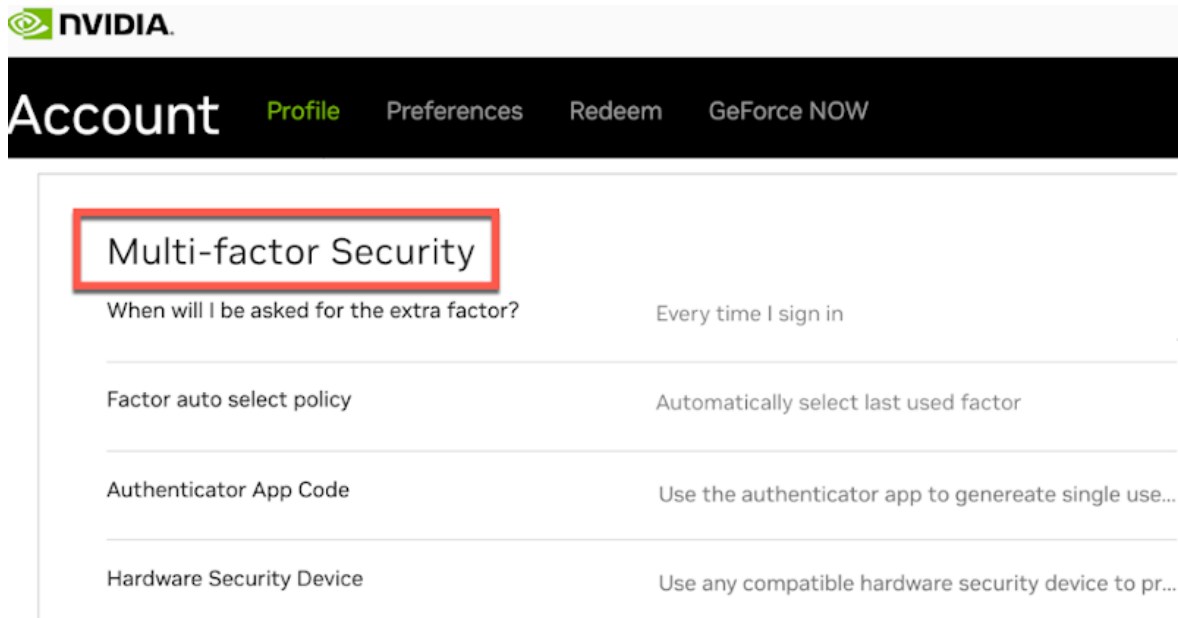
- Go to [NVIDIA](#) and click the sign-in icon.



2. Sign in with the credentials you set up during the org owner account setup.
3. From your NVIDIA user profile page, navigate to the bottom, click on Security settings, and click Update.



4. You will be prompted to enter your password again to access security settings.
5. Navigate to the Multi-factor Security settings.



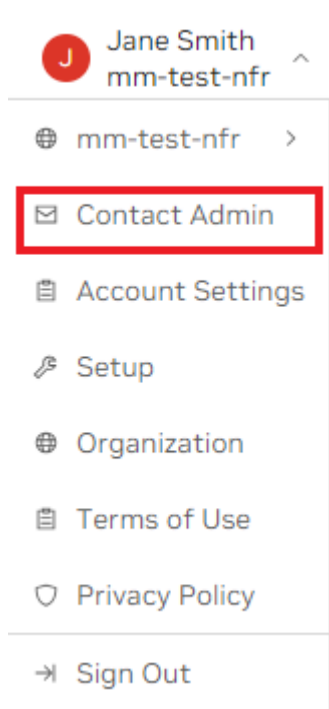
6. You can now configure your identity account for two-factor authentication.

Go to the [NVIDIA N-factor](#) help page for details on how to set it up.

### 3.3.4. Contacting your Org Owner

As a user within an NGC organization, you may need to contact the organization owner to request a new service subscription or add a new user. NGC simplifies this communication with the Contact Admin option in your user account menu.

1. First, sign into the NGC application with your organization. Then click on your user ID in the top right corner to access the user account menu.



2. Select Contact Admin to open the email editor dialog.



**Contact Admin** ✕

Send an email to this Organization's Owner. Replies will be sent to your registered email address. All emails will be logged.

**Organization**  
demo

Select Message Template

- Product Request
- Team Access Request

Cancel Send

Within this editor, you can choose from the following email templates:

- ▶ **Product Request:** Use this template when requesting a specific product for your <org-name> organization. For example, "I'd like to request the [product name] product for the <org-name> organization."
- ▶ **Team Access Request:** Select this template if you need to request access to the org or a particular team, such as "[team-name]," within your <org-name> organization.

Both templates come with pre-populated message content, but you can edit or delete portions of the message to create a customized message to send to your organization owner.

**Contact Admin** ✕

Send an email to this Organization's Owner. Replies will be sent to your registered email address. All emails will be logged.

**Organization**  
demo

**Select Message Template**  
Team Access Request | ▾

**Message**  
I'd like to request access to [team-name] in demo org.

Cancel **Send**

3. Once you are ready to send the message, click Send.

The organization owner will receive the email from [noreply-ngc@nvidia.com](mailto:noreply-ngc@nvidia.com) and will include your email address. The following is a sample email message:

**From:** [noreply-ngc@nvidia.com](mailto:noreply-ngc@nvidia.com) <noreply-ngc@nvidia.com>  
**Date:** Tuesday, October 3, 2023 at 10:43 AM  
**To:** |  
**Subject:** Team Access Request



### Team Access Request

You have received the following message from | :

Just testing the 'contact org owner' feature

Copyright © 2023 NVIDIA Corporation. All rights reserved.  
NVIDIA Corporation, 2788 San Tomas Expressway, Santa Clara, CA 95051.

For more information contact NVIDIA support <https://www.nvidia.com/en-us/support/enterprise/>

By following these steps and using the Contact Admin option, you can easily initiate communication with your organization owner.

## 3.4. User Accepting an NGC Org Invitation

A user added will receive an NCA invite email requesting the user to join the NCA account to access NGC.

## NVIDIA Cloud Account Portal

You have been invited to join account MyNVAIESub as admin.

Message from the account administrator:

Hello F [REDACTED], Please join this account to help manage users and resources to NVIDIA app. Thanks.

Please login to accept or reject this invitation.

[LOGIN](#)

[Privacy Policy](#) | [Legal Info](#) | [Contact Us](#)

Copyright © 2024 NVIDIA Corporation

After clicking the Login link in the email message, the user is automatically redirected to their appropriate sign-in method. Suppose this is the user's first time signing into NVIDIA Cloud Accounts. In that case, they will be automatically prompted to create a new NVIDIA identity account using their email address or can select More Signup Options in the NVIDIA identity account creation portal to sign in using an existing social platform user account (e.g., Google, Facebook, Apple, or Discord).

Users who have an existing NVIDIA identity account are automatically prompted for their password to sign in and access NVIDIA NCA. Users ready to accept an invitation to access their NGC org go here. Users whose company has federated their NGC org to an external SSO identity provider are automatically redirected to their SSO portal to provide authentication credentials to sign in. To learn more about bringing your own SSO/IdP provider, see [Using an External SSO for NGC Org Authentication](#).



Important: For a successful user onboarding experience, customers should add the following NVIDIA email addresses to their allow-list in their firewall rules: 'noreply-ngc@nvidia.com', 'account@tmail.nvidia.com', noreply-cloud-accounts@nvidia.com, and 'account@nvidia.com'.

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# Chapter 4. Accessing NGC Org

The following are ways to access an NGC org.

## **NCA/NGC owner**

A user must create a new NVIDIA identity account, an NVIDIA cloud account, and register a new NGC individual org against it. Alternatively, the user receives an NCA welcome email and is invited to accept and sign in as the org owner of a new enterprise org.

## **Org user**

The org owner, or an org user admin, adds a new user to the org (or team) and sends an NGC welcome email inviting the user to sign in.

## **Subscription**

To access subscription-based software, users must provide Business Address details and a token (serial number, activation code, and so on.). Note that this category also requires Authenticated Access.

## 4.1. Signing Up for an NVIDIA Cloud Account and Activating an Individual NGC Org

This section describes the steps to sign up for an NCA account and activate an individual NGC org.

1. Go to the [NGC sign-in page](#) from your browser, enter your email address, and then click Continue.



Portal of enterprise services, software, and support for AI, digital twins, and high-performance computing.

## Log In

Enter your email to log in or create a NVIDIA profile.

Email Address

tba

**Continue**

More Options

By proceeding, I agree to the

[NVIDIA Technology Access Terms of Use](#)

[Login Help](#)

2. In this step you will create your NVIDIA sign-in identity using NVIDIA's default IdP. At the Create your Account screen, create a password, make sure to review the NVIDIA Account Terms of Use and Privacy Policy, and click Create Account to accept and proceed with account creation. You will receive an email to verify your email address.

## Create Your Account

Email

Password

Confirm password

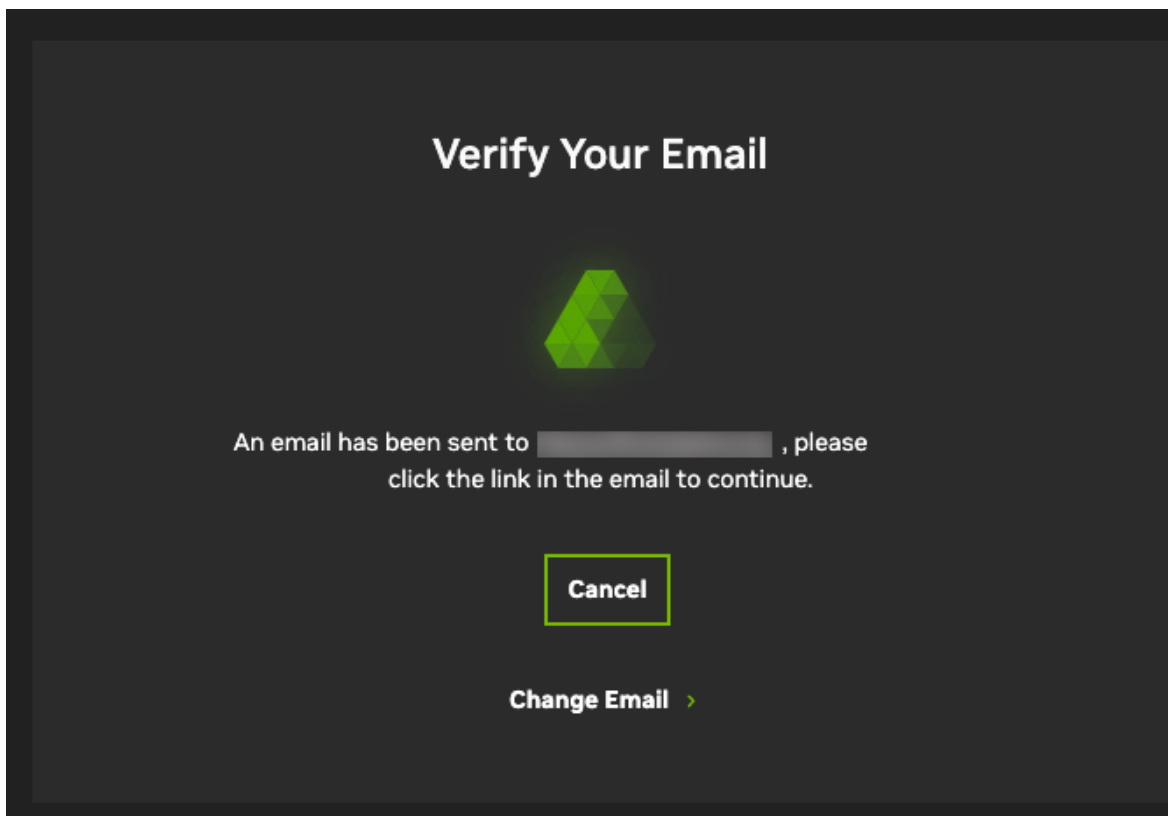
Stay logged in [Log In With Security Device >](#)

By proceeding, I agree to the [NVIDIA Account Terms Of Use and Privacy Policy](#)

[Create Account](#)

[More Signup Options](#)

A verification email is sent to your email address.



3. Open the NVIDIA account creation email and click Verify Email Address.



NVIDIA Account Created Inbox xNVIDIA Accounts ✔

&lt;account@nvidia.com&gt;

to 1



Hello,

We are almost done creating your NVIDIA account.

Click the link below to verify this email address.

[\*\*Verify Email Address\*\*](#)

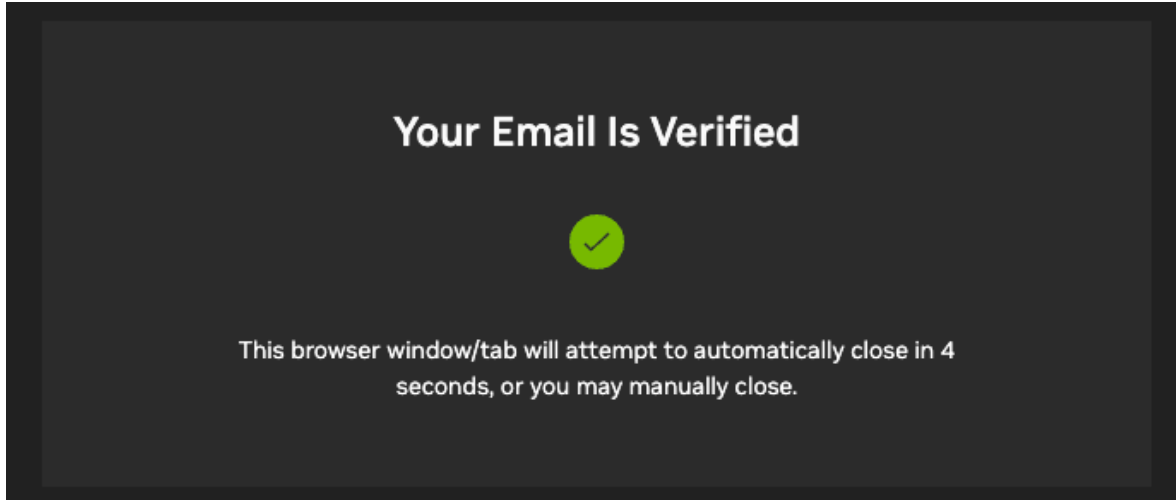
If you did not register for an NVIDIA Account, someone may have registered with your information by mistake. Contact [NVIDIA customer care](#) for further assistance.

[Manage Preferences](#) | [Contact Us](#) | [Privacy Center](#)

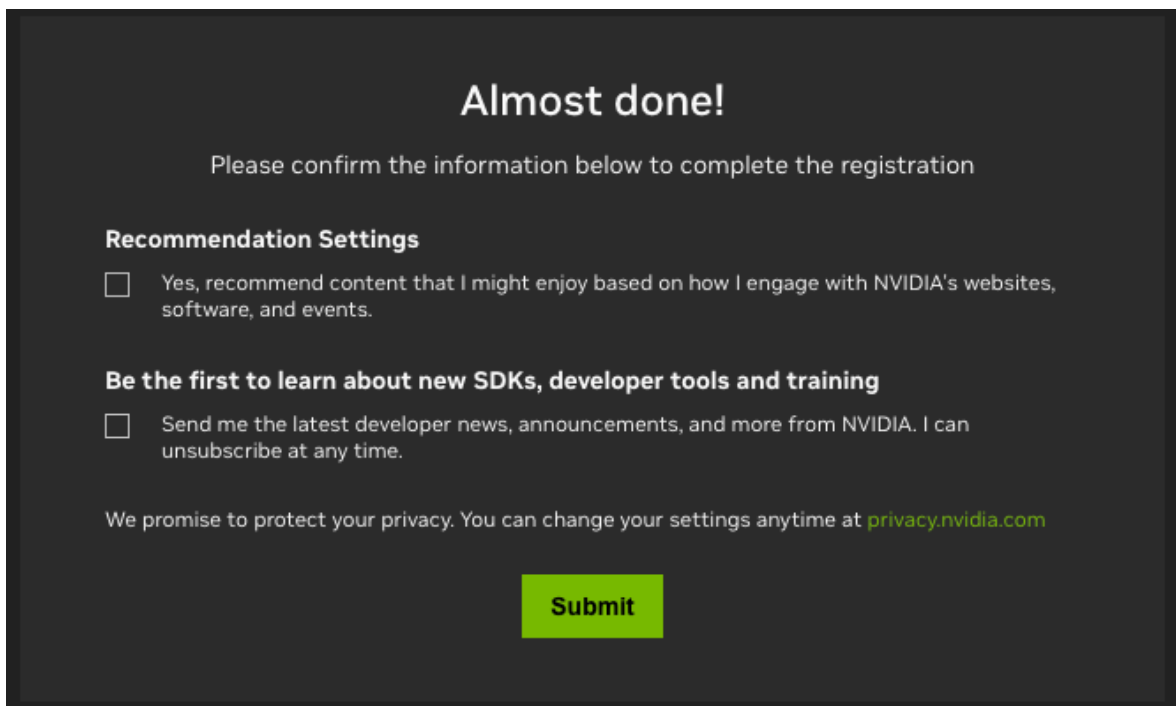
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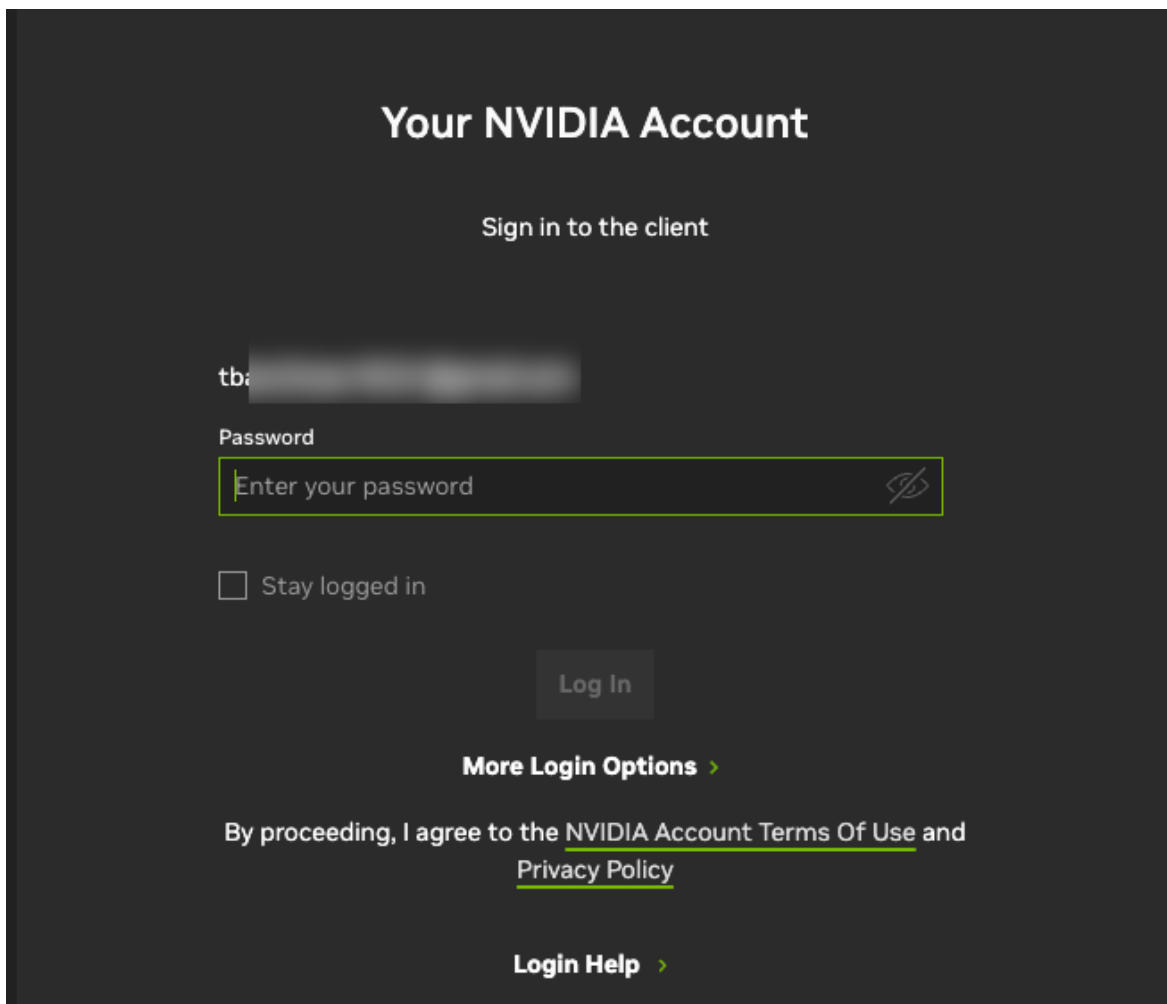
You are automatically directed to nvidia.com and see an email verified successfully page. This window will close automatically



4. At the Almost done! dialog, set your communications preferences, and then click Submit.



5. Enter the password you just created to continue setting up your NVIDIA Cloud Account. (This is a required security measure).



The screenshot shows the 'Your NVIDIA Account' login page. At the top, it says 'Sign in to the client'. Below that is a blurred email address field starting with 'tb:'. The 'Password' field is highlighted with a red border and contains the text 'Enter your password' and a password visibility icon. There is a 'Stay logged in' checkbox. A 'Log In' button is present, but it is disabled. Below the button are links for 'More Login Options', 'Login Help', and a statement of agreement: 'By proceeding, I agree to the [NVIDIA Account Terms Of Use and Privacy Policy](#)'.

6. Give your NVIDIA Cloud Account (NCA) a name that will help you identify it easily the next time you sign-in.



## Create a NVIDIA Cloud Account

You need a cloud account to use NVIDIA Services. Provide your cloud account name to start the setting up process.

### Provide a Cloud Account Name


Choose a distinctive name for your cloud account to easily identify it in the future.

Account Name \*

[Create NVIDIA Cloud Account](#)

[Learn more about NVIDIA Cloud Accounts](#)

7. Complete your user profile at the Set Your Profile screen, agree to the NVIDIA GPU Cloud Terms of Use, and then click Submit.



### Set Your Profile

First Name

Last Name

Location

Job Role

Organization

Organization URL

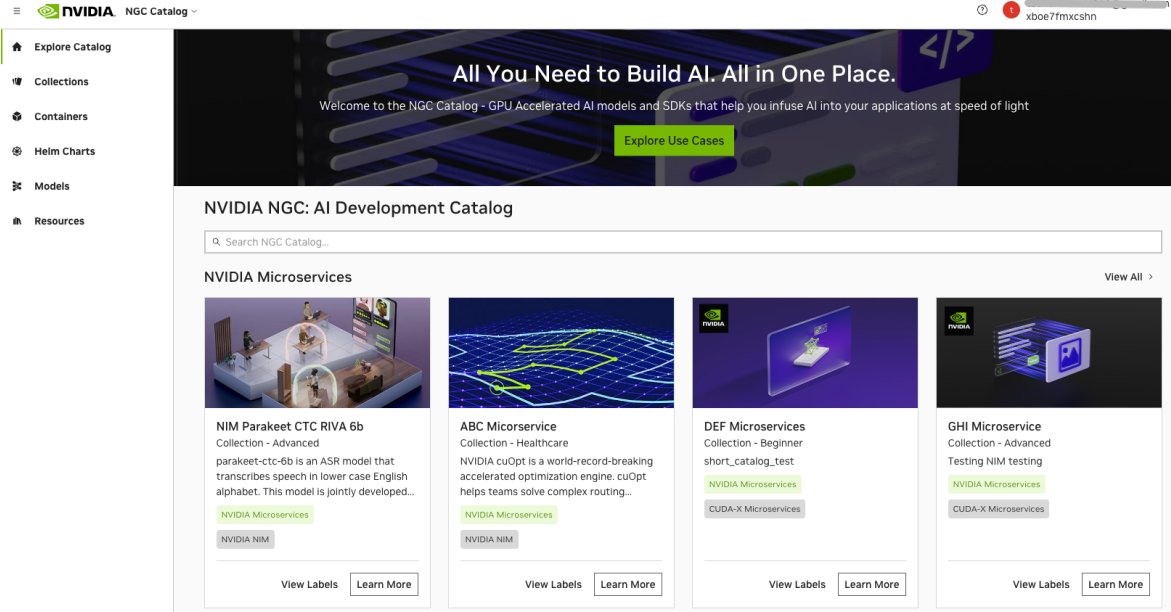
Industry Segment(s)

Areas of Interest

I agree to the [NVIDIA GPU Cloud Terms of Use](#)

By obtaining software through NGC, I agree NVIDIA can share my registration details with the software providers who may use my information as permitted by their privacy policies.

Your NVIDIA account is created, and you are automatically redirected to your individual NGC org.



**NVIDIA NGC: AI Development Catalog**

Search NGC Catalog...

**NVIDIA Microservices** View All >

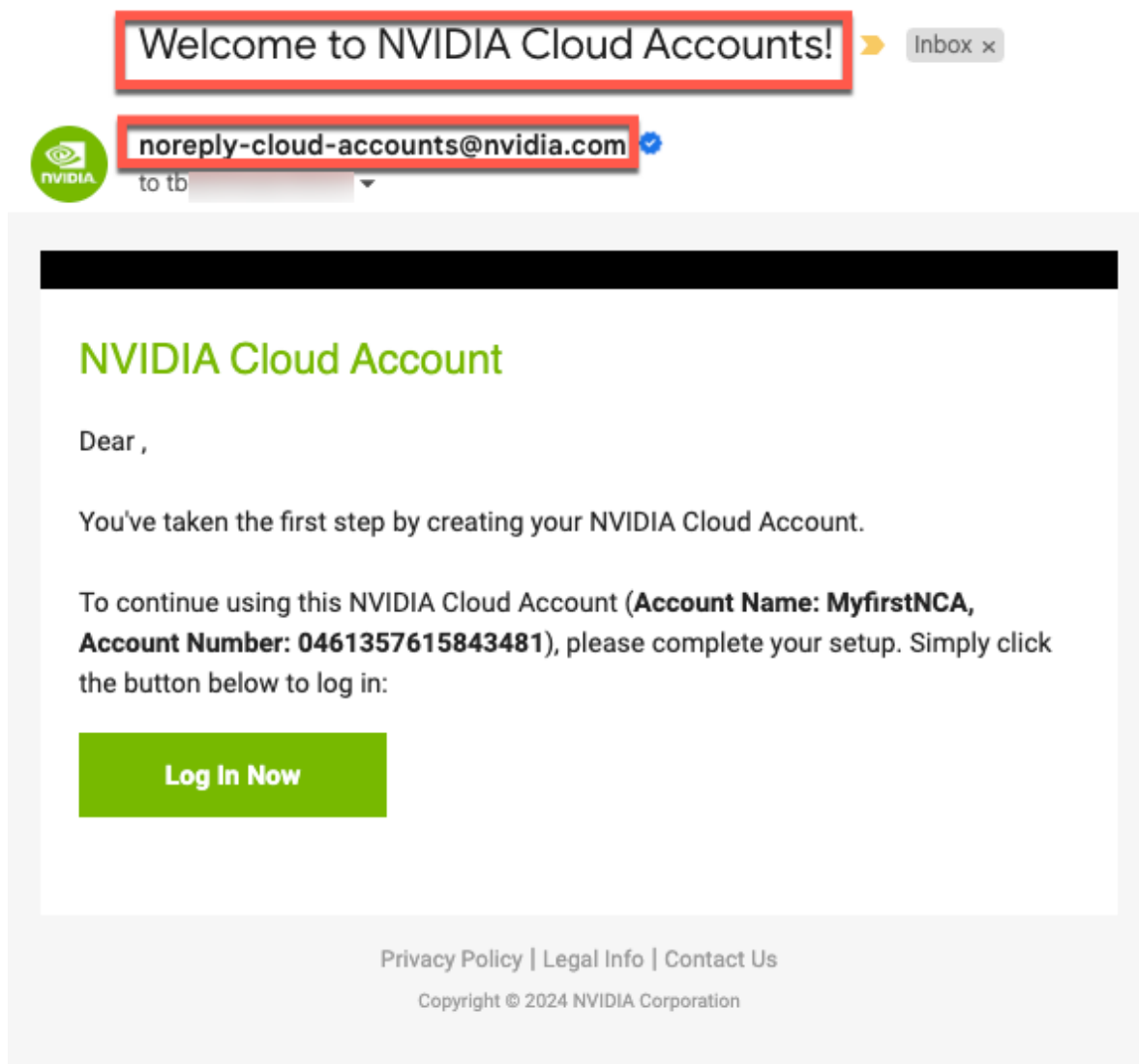
- NIM Parakeet CTC RIVA 6b**  
Collection - Advanced  
parakeet-ctc-6b is an ASR model that transcribes speech in lower case English alphabet. This model is jointly developed...  
NVIDIA Microservices  
NVIDIA NIM  
View Labels Learn More
- ABC Microservice**  
Collection - Healthcare  
NVIDIA cuOpt is a world-record-breaking accelerated optimization engine. cuOpt helps teams solve complex routing...  
NVIDIA Microservices  
NVIDIA NIM  
View Labels Learn More
- DEF Microservices**  
Collection - Beginner  
short\_catalog\_test  
NVIDIA Microservices  
CUDA-X Microservices  
View Labels Learn More
- GHI Microservice**  
Collection - Advanced  
Testing NIM testing  
NVIDIA Microservices  
CUDA-X Microservices  
View Labels Learn More

Your access to NVIDIA NGC org is completed, you can choose to complete the setup of your NVIDIA Cloud Account now, or at a later time.

### 4.1.1. Setting up your NCA Account


To finish setting up your NVIDIA Cloud Account, find your NCA invitation email message in your inbox and click Log In Now.

1. Your NVIDIA Cloud Account (NCA) provides the services to set up a recovery email address in case your existing one becomes unavailable, manage access for additional users (subscription required), and set up billing information to purchase consumption-based NVIDIA cloud products.



2. Enter your email address to Login and click Continue.

NVIDIA's Privacy Policy'."/>



## Login

Email address \*

[Continue](#)

By proceeding, I agree to the [NVIDIA's Privacy Policy](#).

3. Enter the credentials you created for your NVIDIA identity account.

**Your NVIDIA Account**

Sign in to the client

tt

**Password**

Enter your password

**Log In**

**More Login Options >**

By proceeding, I agree to the [NVIDIA Account Terms Of Use](#) and [Privacy Policy](#)

**Login Help >**

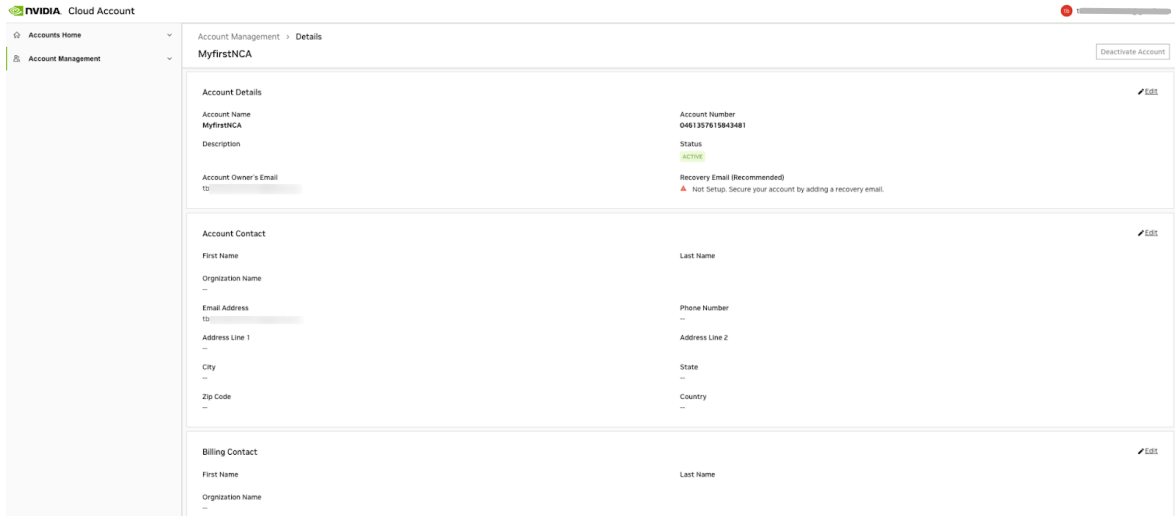
4. On the NCA landing page you can find the details of your account. Here you can setup a recovery email address that can be used to regain access if the email address you used to create your account becomes unavailable. Go to [Setting Up NCA Recovery Email](#) for steps on how to setup your recovery email.

## 4.1.2. Setting Up NCA Recovery Email

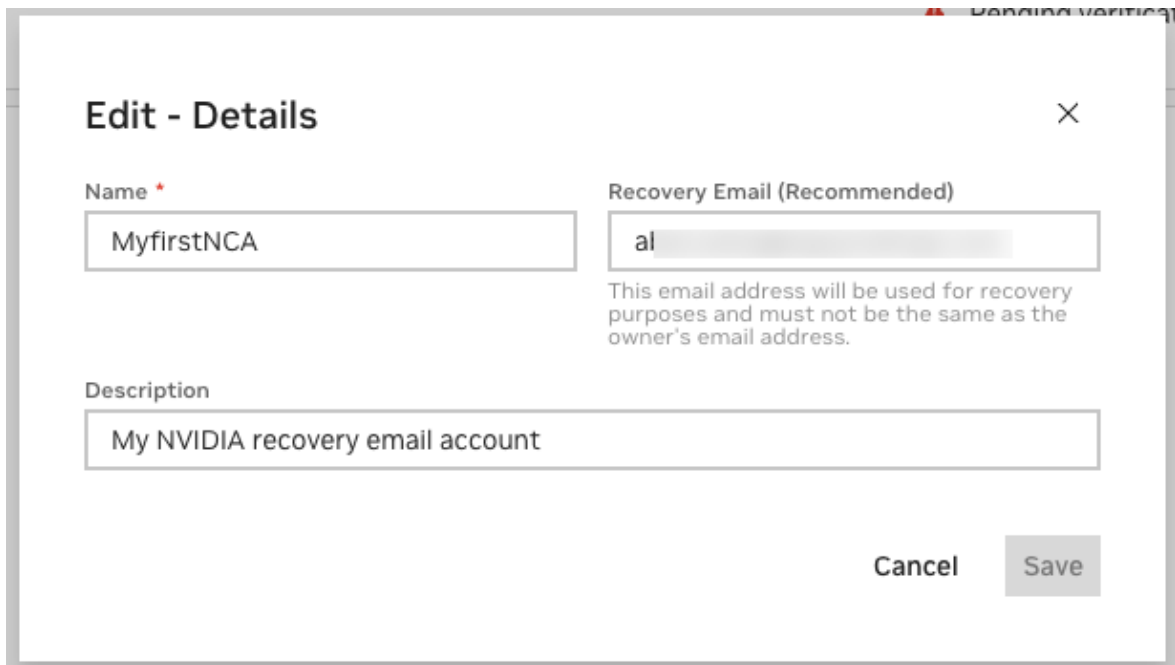
To set up your NVIDIA Cloud Account (NCA) recovery email, follow these steps.

1. Click Edit on the Account Details pane under the Account Management > Details page.





2. On the Edit - Details dialog, enter the email address that you want to use for account recovery. This email address must be different from the address used to create the account. You can optionally set a description of this account, click Save.

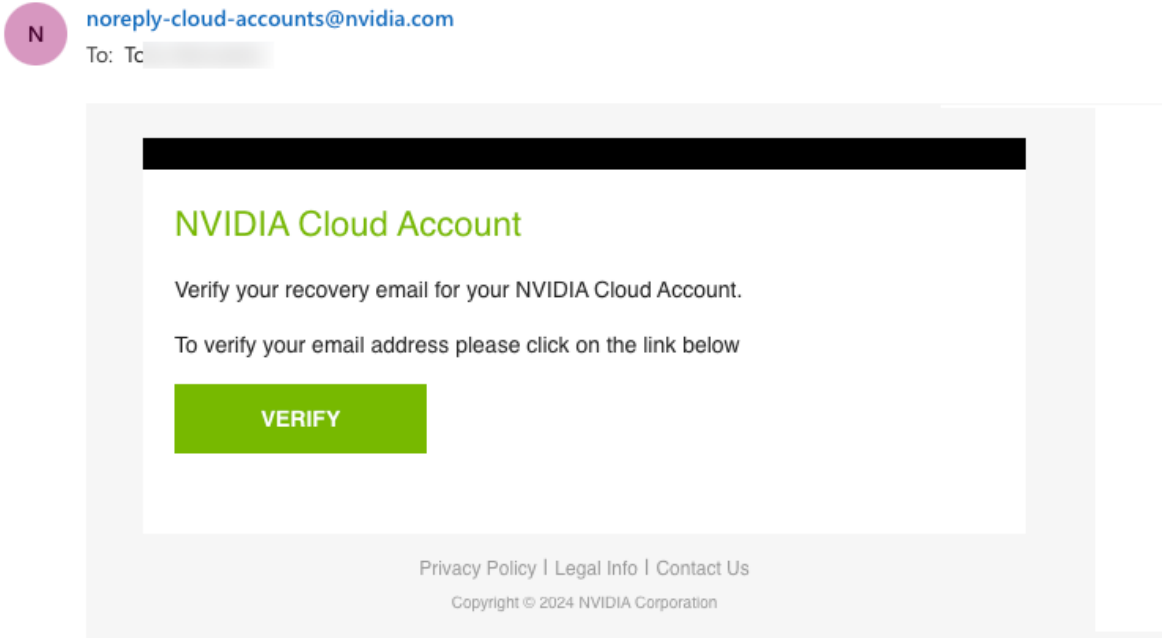


3. Check to see that the recovery email status on the Account Details pane changed to Pending.

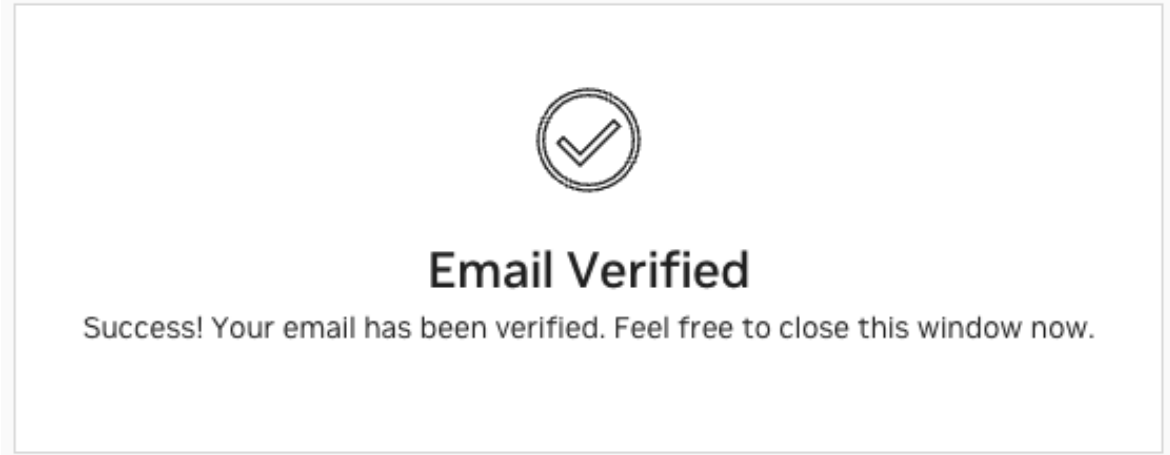
<b>Account Details</b>	
Account Name MyfirstNCA	Account Number 0461357615843481
Description My NVIDIA recovery email account	Status ACTIVE
Account Owner's Email t[redacted]	<b>Recovery Email (Recommended)</b> ▲ Pending verification for: abanuelos@ngcprodmgmt.com. We sent an email to verify this recovery email address.

- 4. Go to your recovery email inbox, search for the NVIDIA message with the title "NVIDIA Cloud Account, Verify Your Recovery Email", and click Verify.

**NVIDIA Cloud Account, Verify Your Recovery Email**



You should see that your email has been verified.



5. Go back to your NCA console and check the recovery email status has updated with the address you assigned.

Account Management &gt; Details

**MyfirstNCA****Account Details****Account Name****MyfirstNCA****Description**

My NVIDIA recovery email account

**Account Owner's Email**

[Redacted]

**Account Number****0461357615843481****Status**

ACTIVE

**Recovery Email (Recommended)**

a

## 4.2. Accessing an NGC Subscription from an NGC Welcome Email

When you are approved for an "early access" program for NVIDIA AI software delivered on NGC, you will receive a welcome email where you start your onboarding journey to access the software. To access NGC, you will need an 'NVIDIA Cloud Account' to manage access to NGC for you and additional users. Below are the steps to use your welcome email.

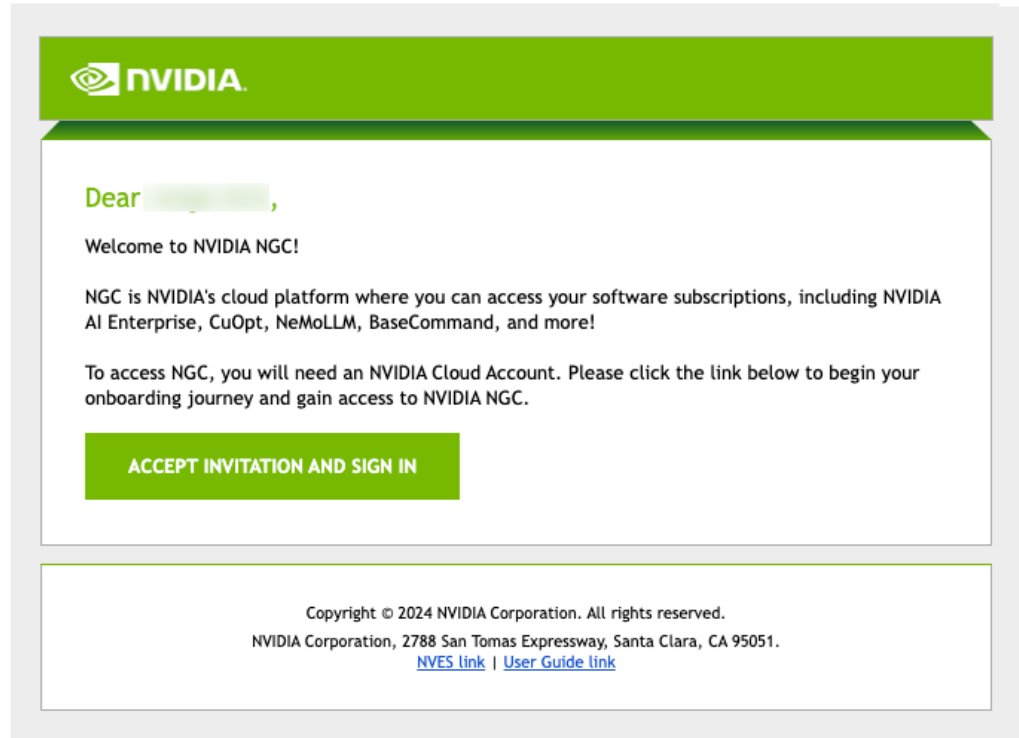
Go to your email inbox you used to apply for the early access program to find the email "Welcome to NVIDIA NGC". Click the Accept invitation and sign-in button.

Welcome to NVIDIA NGC &gt; Inbox x



noreply-ngc@nvidia.com

to [redacted]



If you are an existing NVIDIA user, go directly to [NGC Subscription - Existing NGC User](#).

### 4.2.1. NGC Subscription - New User

This section describes signing in if you are new to NVIDIA.

New users are automatically prompted to create a new NVIDIA account.

1. If you are new to NVIDIA, follow the steps below to create your NVIDIA sign-in identity account, make sure to review the NVIDIA account Terms of Use and Privacy Policy, and click Create Account to accept and proceed with your identity account creation.

## Create Your Account

Email

Password

Confirm password

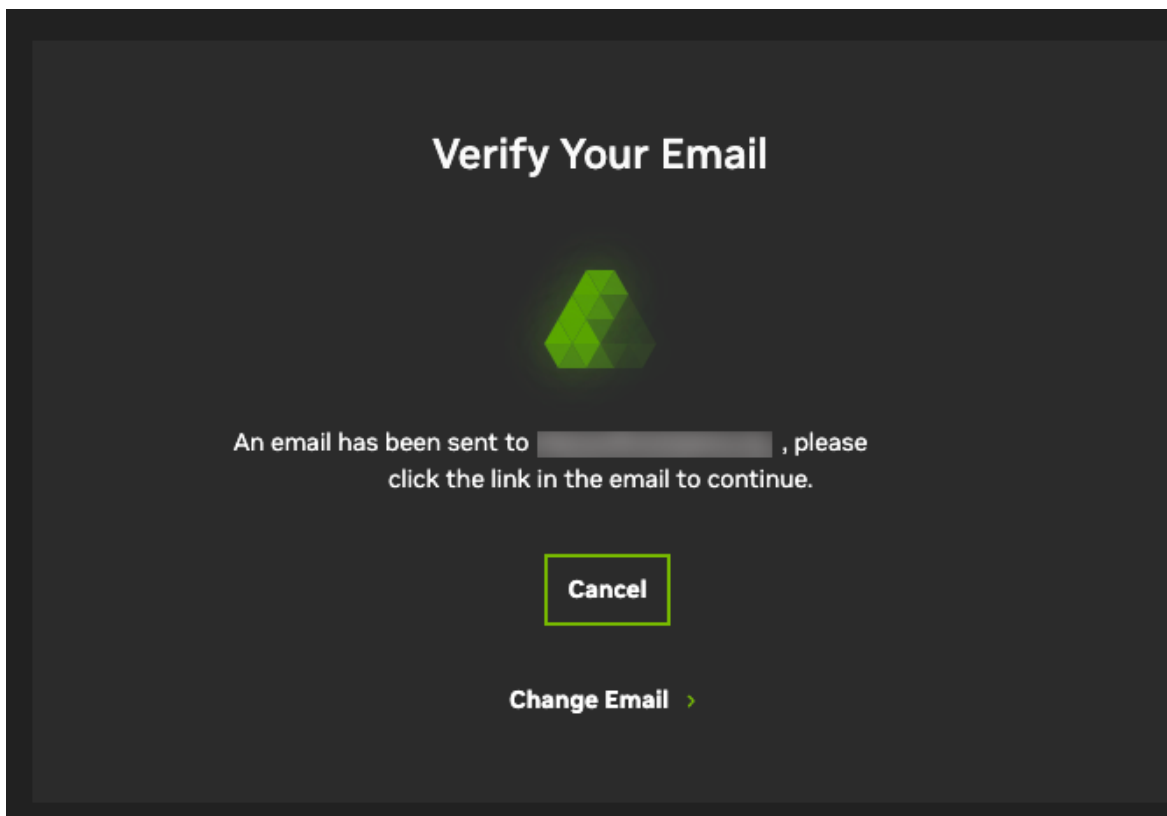
Stay logged in [Log In With Security Device >](#)

By proceeding, I agree to the [NVIDIA Account Terms Of Use and Privacy Policy](#)

[Create Account](#)

[More Signup Options](#)

A verification email is sent to your email address.



2. Open the email and click Verify Email Address.

NVIDIA Account Created > Inbox x

NVIDIA Accounts

&lt;account@nvidia.com&gt;

to 1



Hello,

We are almost done creating your NVIDIA account.

Click the link below to verify this email address.

[Verify Email Address](#)

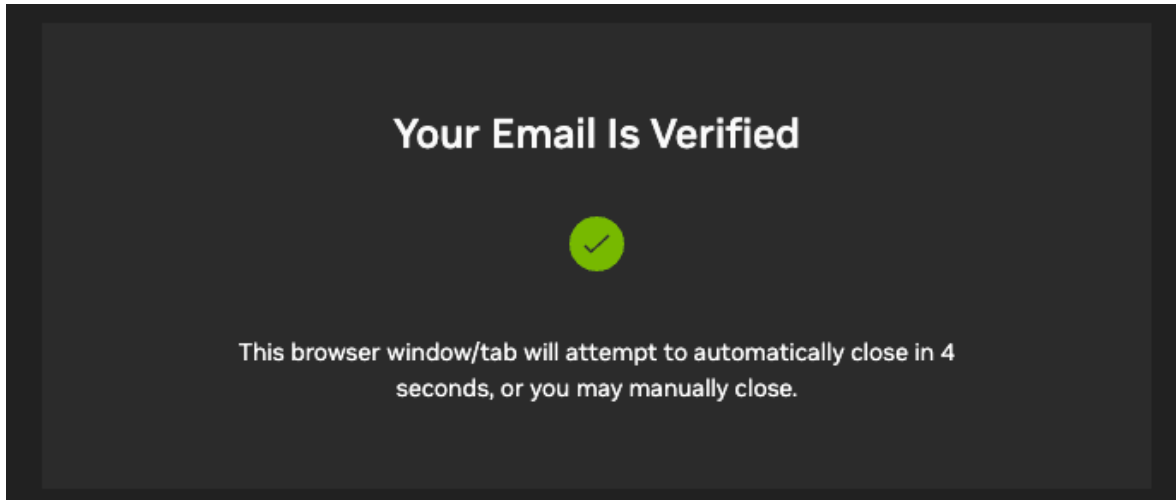
If you did not register for an NVIDIA Account, someone may have registered with your information by mistake. Contact [NVIDIA customer care](#) for further assistance.

[Manage Preferences](#) | [Contact Us](#) | [Privacy Center](#)

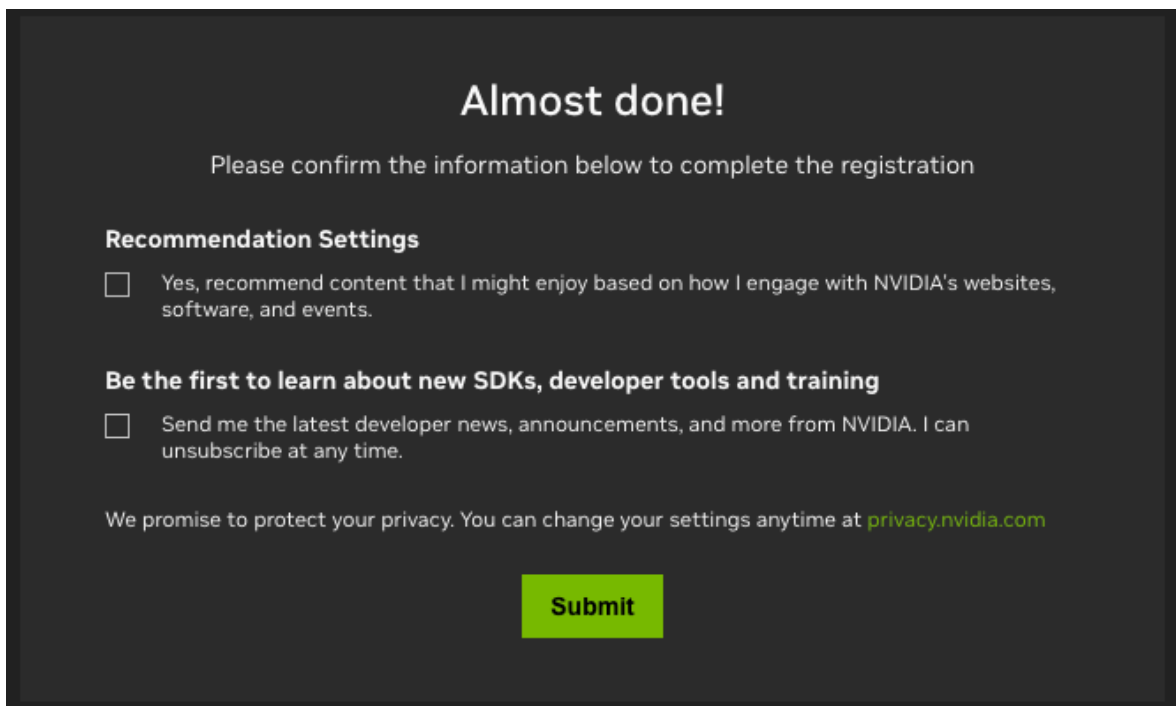
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NVIDIA Corporation, 2788 San Tomas Expressway, Santa Clara, CA 95051.

You are automatically directed to nvidia.com and see an Email verified successfully page.



3. In the Almost done! dialog, select your communication preferences, and then click Submit.



## 4.2.2. NGC Subscription - Existing NGC User

This section describes signing in if you already have an NVIDIA account.

After successfully signing into your NVIDIA identity account, you will need to choose between the following:

- An existing NCA account you own, or



- ▶ Creating a new NCA account to generate a separate NGC org to claim the subscription.

**NVIDIA.**

### Select your NVIDIA Cloud Account

MyNCA-VDR (0474895331875198)	Owner
ExternalIDP (0462258828931128)	
nvaie-stage (0436885730436677)	
kdtwnxodl0ql (0278214794327184)	Owner
<b>i1dyqpfbrhvo (0278149351511184)</b>	
xvy2tenvwbmj	

Continue

Create New NVIDIA Cloud Account

**Owner** indicates that you are the owner of the account.



Note: You must be an 'owner' of an existing account to activate a new subscription against it.

If this is your first NCA account or you chose to create a new account for your subscription, you are prompted to name your account with a meaningful name that will help you identify it easily the next time you sign-in.



## Create your NVIDIA Cloud Account

Start by giving your cloud account a unique name. This name will help you identify your account in the future.

Name \*

My2ndNCA

Create NVIDIA Cloud Account

Accept the "Terms of Use" and "Privacy Policy."



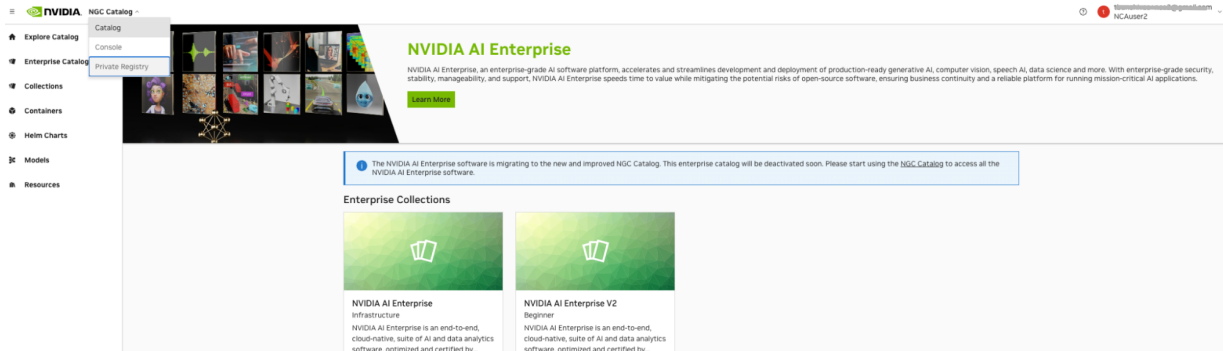
## Terms of Use

Please review and accept the following Terms of Use

- I agree to the [NVIDIA Privacy Policy](#).
- I agree to the [NVIDIA GPU Cloud Terms of Use](#)

Agree

Your NVIDIA Cloud Account is created, and you are automatically redirected to your enterprise NGC org.



Your access to NVIDIA NGC org is now complete. You can choose to complete the setup of your NVIDIA Cloud Account now, or at a later time.

Follow the steps in [Setting up your NCA Account](#) to finish setting up your NCA account. You will need to access your NCA account to add users to your enterprise NGC org.

## 4.3. Accessing NGC from an NCA Invitation Email

Follow these steps to accept an invitation to join an NVIDIA Cloud Account and access NGC.

1. Check your email inbox for a message titled "You've been invited to an NVIDIA Cloud Account." Open the email and click Login to proceed.

You've been invited to an NVIDIA Cloud Account > Inbox x



noreply-cloud-accounts@nvidia.com

11:09 AM (0 minutes ago)



to: [redacted]

## NVIDIA Cloud Account Portal

You have been invited to join account My2ndNCA as admin.

Message from the account administrator:

Hello, Please join this account. Thanks.

Please login to accept or reject this invitation.

[LOGIN](#)

[Privacy Policy](#) | [Legal Info](#) | [Contact Us](#)

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2. If you are new to NVIDIA, you are prompted to create an NVIDIA identity account. Create a password that is at least 9 characters long and uses a mix of uppercase and lowercase letters, numbers, and special characters. If you already have an NVIDIA identity account, enter your password to continue. You can skip to Step 6 below.

## Create Your Account

Email

Password

Confirm password

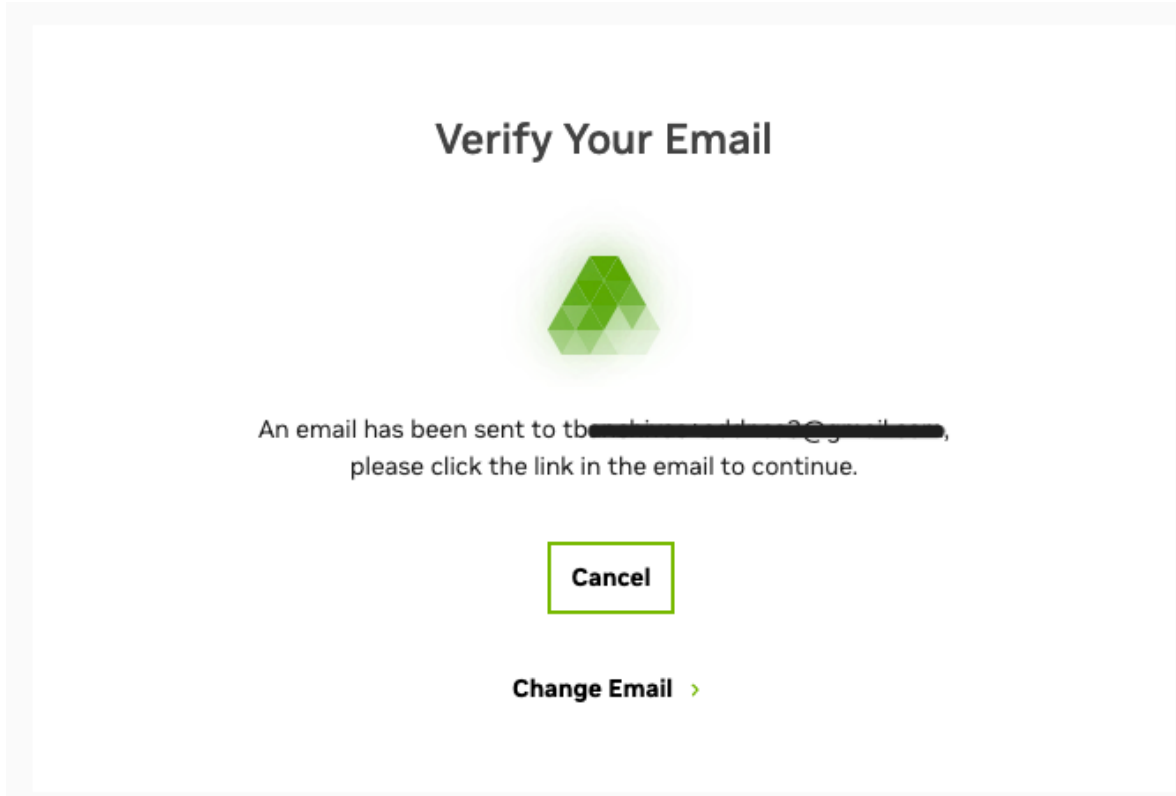
 **Log In With Security Device** >

By proceeding, I agree to the [NVIDIA Account Terms Of Use](#) and [Privacy Policy](#)

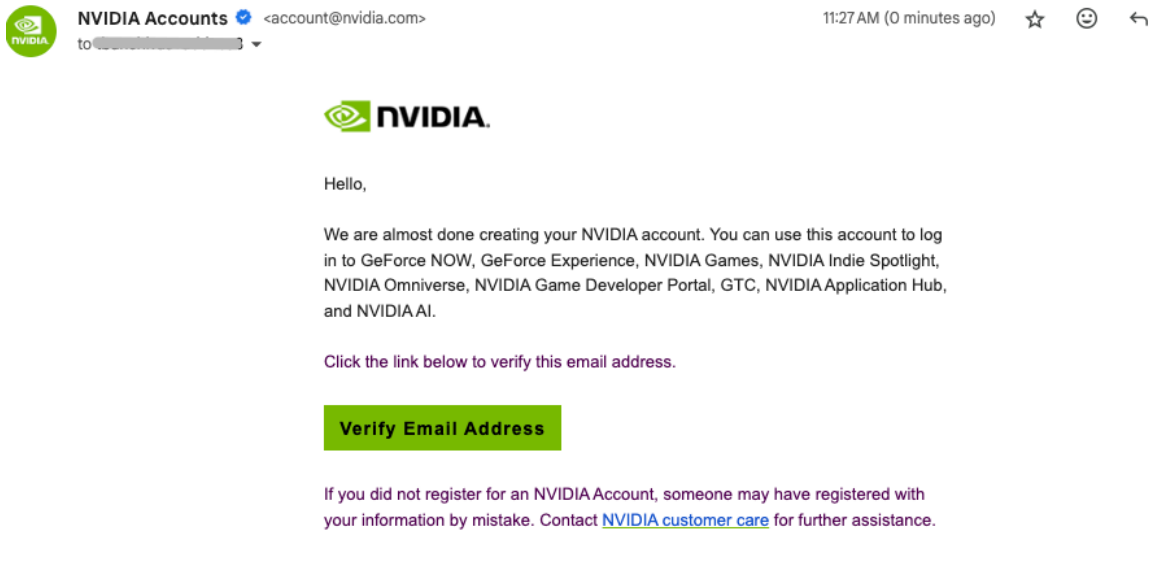
Create Account

More Signup Options

You will be asked to verify your email address in a confirmation email.



3. Check your email inbox for a message titled "NVIDIA Accounts". Open the email and click Verify Email Address.



The email confirmation message will display in your browser.

## Your Email Is Verified



This browser window/tab will attempt to automatically close in 2 seconds, or you may manually close.

4. NVIDIA would like permission to send you the latest news related to our software and products, as well as learn more about how you use our websites to make sure we send you information relevant to you. Select your options and click Submit.

## Almost done!

Please confirm the information below to complete the registration

### Recommendation Settings

- Yes, recommend content that I might enjoy based on how I engage with NVIDIA's websites, software, and events.

### Technical Settings

- Yes, I'd like to help fix bugs by sharing my error logs.

### Be the first to learn about new SDKs, developer tools and training

- Send me the latest developer news, announcements, and more from NVIDIA. I can unsubscribe at any time.

We promise to protect your privacy. You can change your settings anytime at [privacy.nvidia.com](https://privacy.nvidia.com)

**Submit**

5. You are prompted by NVIDIA Cloud Accounts to accept the invitation to join your company's account. Click Accept Invitation to continue joining.

### Invitation Details

You've been invited to join the NVIDIA cloud account. Here are the invitation details:

Email ID: [\[Redacted\]](#)

Assigned Role: ADMIN

Message from Sender: Hello, Please join this account. Thanks.

Invited On: June 5, 2024 at 11:09:55 AM

Your invitation is valid until June 6, 2024 at 11:09:55 AM

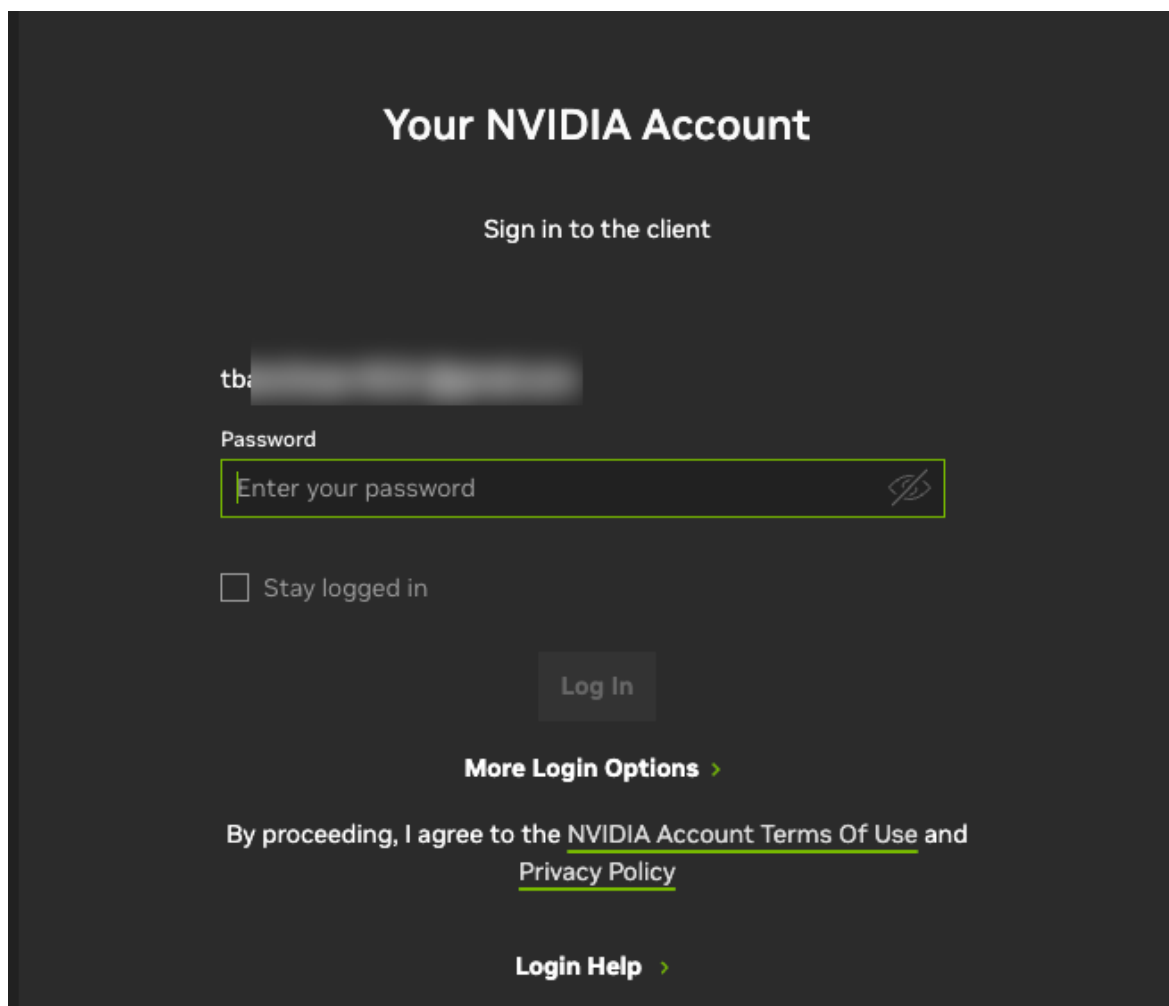
What would you like to do?

Accept Invitation

Reject Invitation

6. Enter your password (required for security).





7. Accept the terms of use and privacy policy to access your software subscription.



## Terms of Use

Please review and accept the following Terms of Use

- I agree to the [NVIDIA Privacy Policy](#).
- I agree to the [NVIDIA AI Enterprise Terms of Use](#)

Agree

You can now access the NGC org.

---

# Chapter 5. Accessing NGC from an NVIDIA Commercial Entitlement

When you procure a software subscription delivered on NVIDIA NGC Cloud, you'll receive an entitlement certificate in an email with instructions on how to claim your entitlement. The following steps guide you through the entitlement registration process.

1. Find the Entitlement Certificate Email

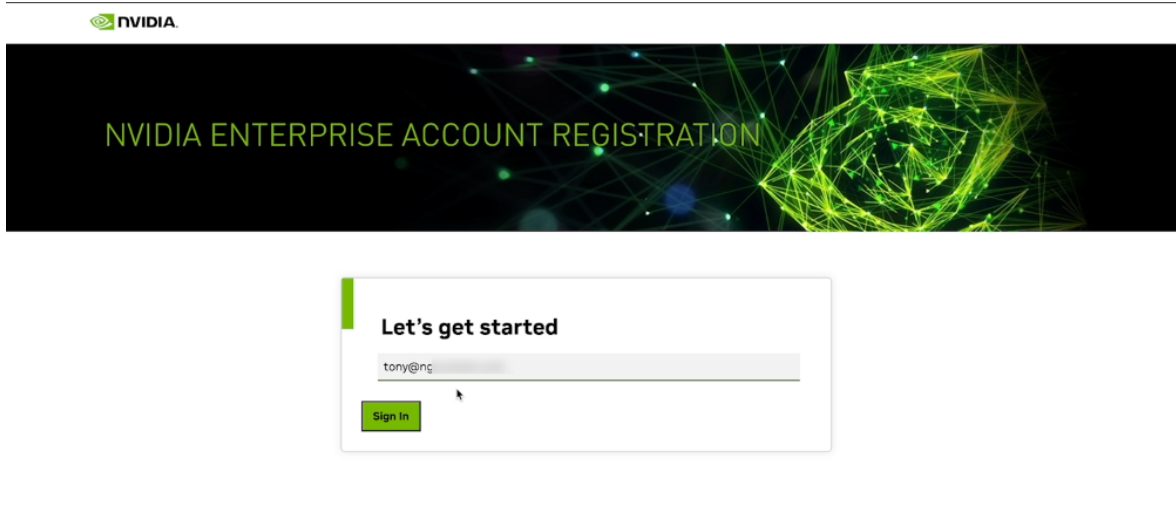
Open your email inbox and locate the email titled "NVIDIA Entitlement Certificate - Ref." containing your entitlement certificate attachment.

2. Login or Register

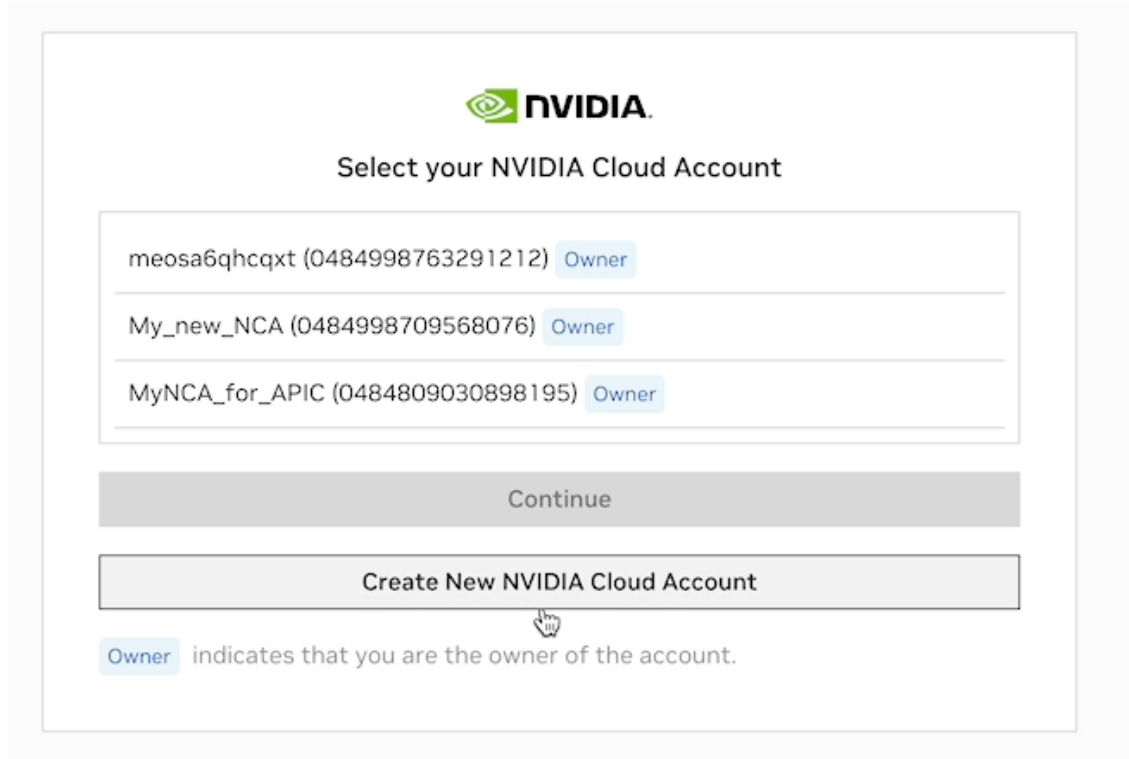
- ▶ If you're an existing NVIDIA customer, click [Already have an entitlement? Please Login.](#)
- ▶ If you're a new NVIDIA customer, click the ["registration page"](#) link to begin claiming your entitlement.

3. Sign In

Enter your NVIDIA username and click [Sign In](#).



- ▶ Existing NVIDIA customers: Enter your password, and then click Login.
  - ▶ New customers: Create a new identity user account by setting a password.
4. Select or Create an NVIDIA Cloud Account (NCA)
- ▶ Returning customers: After logging in, choose an existing NCA or create a new NCA to claim your subscription entitlement. Select an existing account if you want the new subscription activated in the *existing* NGC org linked to the NCA account or create a new NCA to activate the subscription in a *new* NGC org.



- ▶ To use an existing account, select the desired account and click Continue.

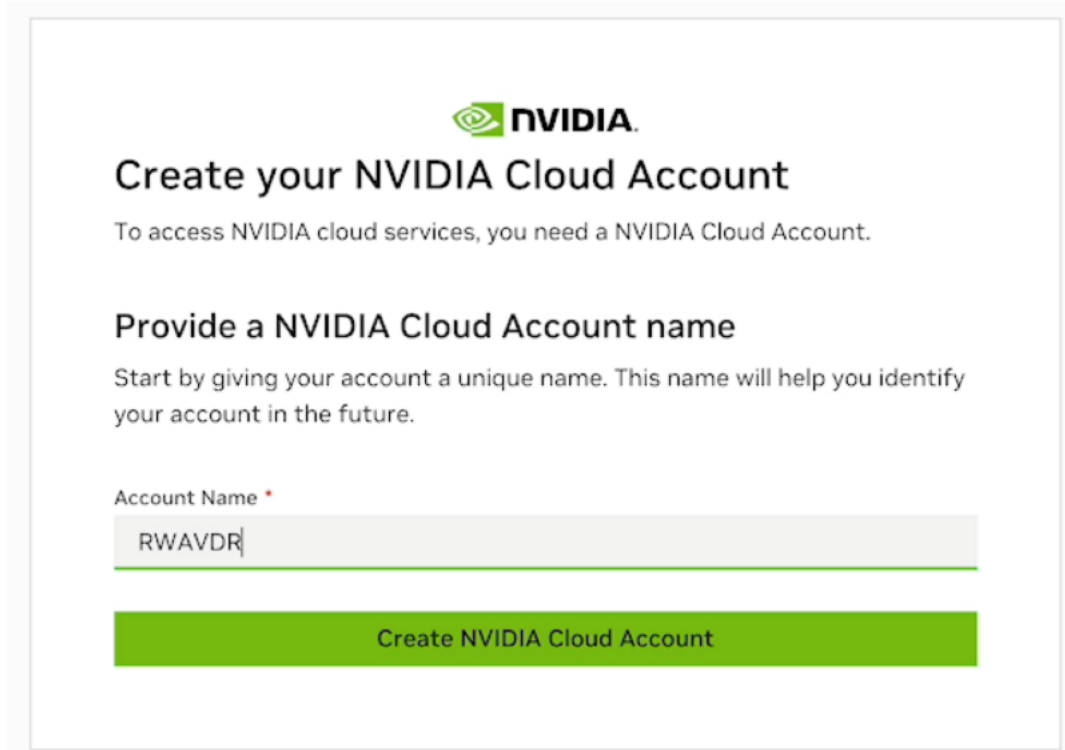


Note: You must select an account you "own"; otherwise, the entitlement claim will fail.



Important: An NCA account (NGC org) entitled with a commercial type license cannot support adding an evaluation or Not-For-Resale type license. Mixing license types into one NCA account is not allowed. If you know the license type installed in your existing account does not match the license type you are claiming, or you don't know the existing license type, please choose to Create a New NVIDIA Cloud Account.

- ▶ To create a new account, click Create New NVIDIA Cloud Account.
- ▶ New customers: You will be prompted to create a new NCA. Choose a meaningful account name for easy identification.



The screenshot shows the NVIDIA Cloud Account creation interface. At the top is the NVIDIA logo. Below it is the heading "Create your NVIDIA Cloud Account" and a sub-heading "Provide a NVIDIA Cloud Account name". A text input field contains the name "RWAVDR". A green button labeled "Create NVIDIA Cloud Account" is positioned below the input field.

**NVIDIA**

## Create your NVIDIA Cloud Account

To access NVIDIA cloud services, you need a NVIDIA Cloud Account.

### Provide a NVIDIA Cloud Account name

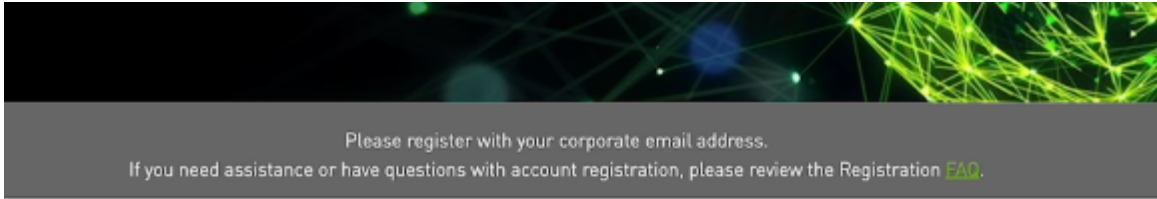
Start by giving your account a unique name. This name will help you identify your account in the future.

Account Name \*

Create NVIDIA Cloud Account

#### 5. Complete Entitlement Registration

After selecting or creating an NCA, you will be directed to the entitlement registration page. Fill out the required fields and click Register.



## Entitlement

PAK ID/Entitlement ID:

## Primary Contact

\* First Name:

\* Last Name:

\* Email Address:

\* Confirm Email Address:

\* Claiming Entitlement as

- End Customer
- System Integrator

## Company

### Required Information:

- ▶ Primary Contact Information
  - ▶ First Name
  - ▶ Last Name
  - ▶ Email Address
  - ▶ Claiming Entitlement as
- ▶ Company
  - ▶ Company Name
  - ▶ Location (Country)
  - ▶ Address
  - ▶ Industry
- ▶ Primary Contact Details\*
  - ▶ Location (Country)

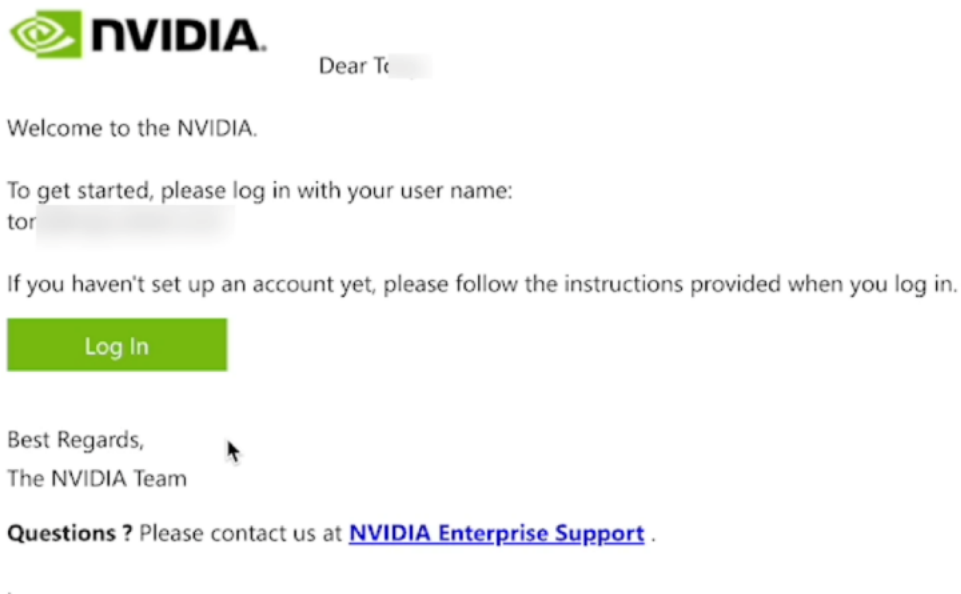
- ▶ Address
- ▶ Phone
- ▶ Job Role

*\* Click the checkbox above if the Primary Contact address is the same as the company address.*

## 6. Email Confirmation and Access

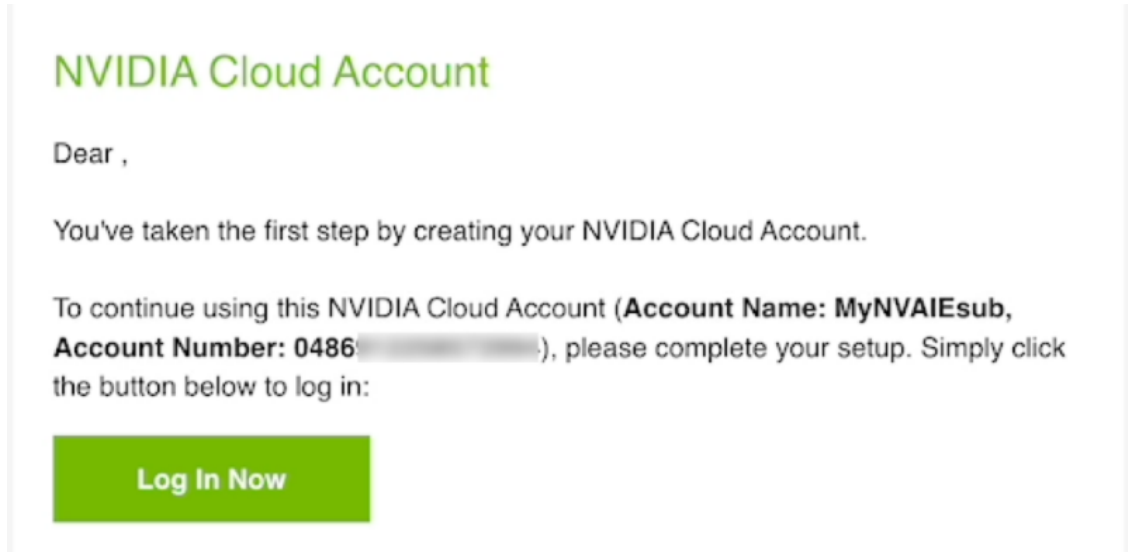
After submitting the registration form, you'll receive two emails from NVIDIA:

- ▶ NVIDIA Application Hub Email: Click Log In to access your software subscription in NGC.

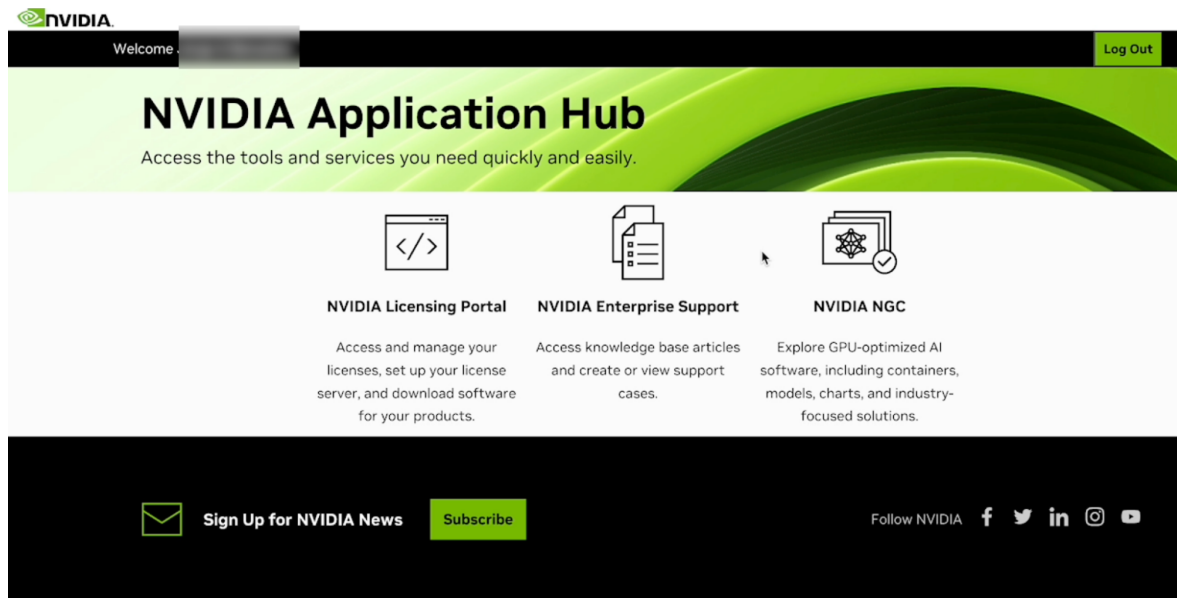


- ▶ NVIDIA Cloud Accounts Email: In the "You've been invited to an NVIDIA Cloud Account" email, click Log In Now and log in.





Click the NVIDIA NGC card to access your software subscription in NGC.



NVIDIA Cloud Accounts allow you to view and manage additional users within your account, granting them access to NVIDIA cloud services.

Your registration is now complete!

---

# Chapter 6. Using an External SSO for NGC Org Authentication

An enterprise org can federate its external SSO/IdP identity service to centralize user authentication and manage access to NVIDIA cloud services. This section covers how to configure NGC org authentication through an external SSO provider such as Azure AD or Okta.

The setup process to federate an NGC org to an external SSO identity provider is now guided by an NVIDIA IdP onboarding wizard app and the steps are performed by the customer. To gain access to the IdP onboarding app, contact your NVIDIA sales representative or submit a support case with [NVIDIA Enterprise Support](#). If you don't have an NVIDIA sales rep or an active support contract, please email [integration-requests@nvidia.com](mailto:integration-requests@nvidia.com) and submit the following information in your request message:

1. Your company name
2. A list of email domains that must be associated with the partner (e.g. acme.com, acme.net). The list can only include domains owned by the customer.



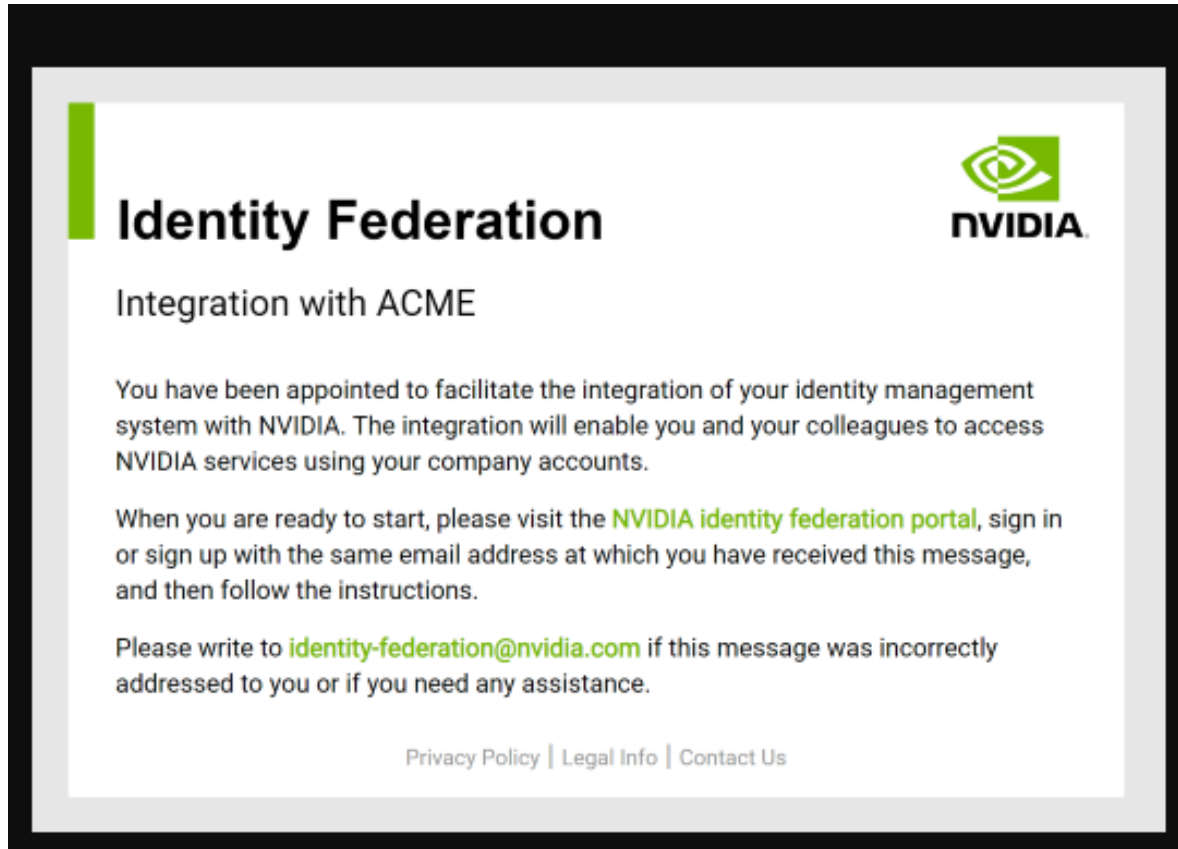
Note: If the request is submitted by email, an identity verification process will be required before the IdP onboarding can be started.

3. The email addresses of the customer representatives who are expected to perform the IdP federation configuration steps.

## 6.1. Federating IdP with NVIDIA Cloud Services

When your request to federate your IdP is approved, you will receive an email with the NVIDIA URL to access the IdP onboarding configuration tool. Follow the steps below.


1. Access the Tool  
Locate the NVIDIA email, then either create an NVIDIA identity account with your work email or sign in with an existing account.



## 2. Initial Setup

After you log in, you will see the initial screen of the IdP onboarding tool. Complete the required fields and click Next.

- ▶ Your company name: NVIDIA will verify your employment.
- ▶ Your identity management system: Select your IdP (e.g., Azure AD, Okta) from the dropdown.
- ▶ Your email domains: Enter the domains managed by your IdP.

 **NVIDIA. IDENTITY FEDERATION** paolo@partner-tests.com [Logout](#)

[Basic info](#) [Configuration details](#) [Login test](#) [Login test result](#) [Summary](#) [?](#)

### Welcome!

The following pages will guide you to securely submit the information needed to **integrate** your identity management system with NVIDIA.

**Your company name**

**Your identity management system**

**Your email domains**

NVIDIA will use the email domains listed above to determine which users must be directed to log in with your identity management system. You can only include domains owned by your company.

[Next](#)

### 3. Onboarding Wizard

You will be guided through a configuration wizard based on the IdP system you selected (Azure AD, OpenID Connect, or SAML).

- ▶ Entra ID (Azure AD)

The screenshot shows the 'Microsoft Entra ID configuration' page in the NVIDIA Identity Federation interface. The page header includes the NVIDIA logo, 'IDENTITY FEDERATION', the user 'paolo@partner-tests.com', and a 'Logout' link. A navigation bar contains 'Basic info', 'Configuration details' (highlighted), 'Login test', 'Login test result', and 'Summary'. The main content area is titled 'Microsoft Entra ID configuration' and contains the following sections:

- Microsoft Entra ID configuration**

The integration between NVIDIA and Entra ID is based on **OpenID Connect**. Using the Entra ID terminology, the NVIDIA identity federation system is an application registered in your Entra ID tenant.
- Your Entra ID tenant id (also known as directory id)**

[Empty text input field]
- Please make sure that the application you register for NVIDIA is enabled to use the following web redirect URI:**

**https://login.nvidia.com/callback/redirect**
- Client id assigned to NVIDIA (also known as application id)**

[Empty text input field]
- Client secret assigned to NVIDIA**


[Empty password input field with an eye icon for visibility toggle]
- Client secret expiration date**

[YYYY-MM-DD] Please generate the secret with the longest allowed time-to-live. Entra ID client secrets can be valid for up to 24 months.
- Scopes enabled for the client**

openid x email x profile x [X] [v]

At the bottom right of the configuration area are 'Previous' and 'Next' buttons.

- ▶ OpenID Connect Provider

 **NVIDIA. IDENTITY FEDERATION** paolo@partner-tests.com [Logout](#)


[Basic info](#) [Configuration details](#) [Login test](#) [Login test result](#) [Summary](#) [?](#)

### OpenID Connect configuration

With **OpenID Connect** your identity management system is the OpenID Provider (OP) while the NVIDIA identity federation system is the Relying Party (RP, also known as client).


Your OpenID Provider configuration discovery URL

Please make sure that the client you register for NVIDIA is enabled to use the following redirect URI (also known as callback URL):


**https://login.nvidia.com/callback/redirect** 

Client id assigned to NVIDIA


Client secret assigned to NVIDIA



Client secret expiration date

  Please generate the secret with the longest allowed time-to-live. Leave this field blank if the secret does not have an expiration.


Scopes enabled for the client

If you plan to manage your own **user authorization groups**, please make sure that you enable NVIDIA to request the scope necessary to retrieve your groups.

[Previous](#) [Next](#)

► SAML


 **NVIDIA. IDENTITY FEDERATION** paolo@partner-tests.com [Logout](#)

[Basic info](#) [Configuration details](#) [Login test](#) [Login test result](#) [Summary](#) [?](#)


### SAML configuration

With **SAML**, your identity management system is the Identity Provider (IdP) while the NVIDIA identity federation system is the Service Provider (SP).


**NVIDIA SP entity ID (also known as audience URI)**

**NVIDIA Assertion Consumer Service (ACS) URL**

**Format in which you want to provide your IdP configuration**

**Your IdP metadata URL**


Please make sure that you configure the **SAML attribute mappings** necessary to return the user's email address and - optionally - group memberships to NVIDIA.

If your identity management system requires the Service Provider metadata in XML format, you can download it from [here](#).

#### 4. Perform a Login Test

After completing the IdP onboarding configuration, follow the instructions to test the login process.

Read the Login test instructions and click Next.

 NVIDIA. IDENTITY FEDERATION
paolo@partner-tests.com [Logout](#)

---

Basic info
Configuration details
Login test
Login test result
Summary
?

### Login test

We are ready for a login test. The test will open a new browser tab to let you log in with your identity management system. The result of the login will be used to confirm that we have all the information we need to set up the integration.


**The browser may ask permission to open the new tab if it is configured to block pop-ups.**

**If the test gets stuck on the login page of your identity management system, please try to identify the error and then come back to this browser tab for instructions.**

If you plan to manage your own **user authorization groups**, please log in with a user account that is member of at least one group. In this manner our system can attempt to detect how your system reports the group memberships.

Previous
Next

Review your login test results. If successful across all login services, click Confirm. If not, troubleshoot your IdP system and retest.

 NVIDIA. IDENTITY FEDERATION
paolo@partner-tests.com [Logout](#)

---

Basic info
Configuration details
Login test
Login test result
Summary
?

### Login test result

The login test has successfully completed. The NVIDIA identity federation system has received the following information about the logged in user:

Unique identifier	00ubio1ucv6xHKjMk5d7	ⓘ
Username	paolo@partner-tests.com	ⓘ
Email address	paolo@partner-tests.com	ⓘ
Full name	Paolo Fiorini	ⓘ
Group memberships	starfleet-test	ⓘ

Please confirm that the above information is correct. Otherwise you can go back, adjust the scopes you have enabled for NVIDIA, and then repeat the test.

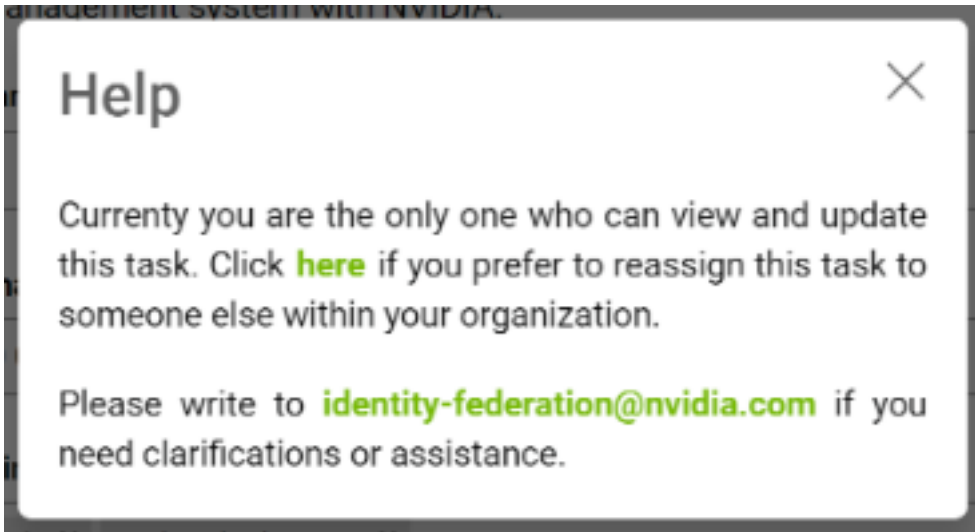
id token payload  
userinfo response

Go Back
Confirm

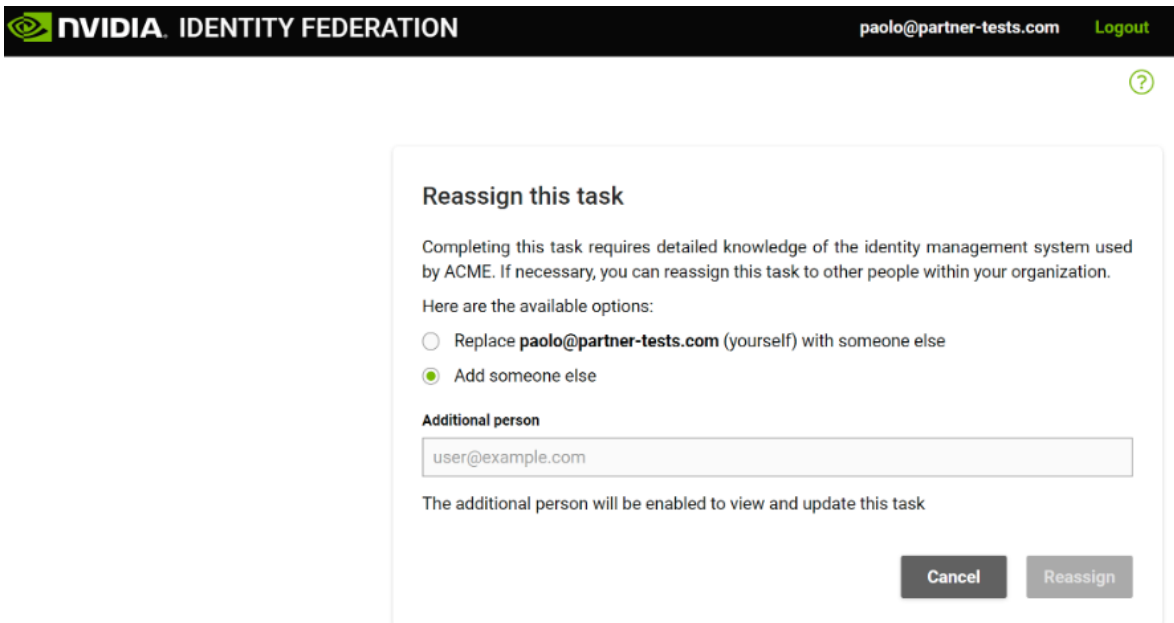


## 5. (Optional) Seek Support or Reassign Task

Use the "Help" button to access support options.



You can also reassign the task to complete the IdP configuration to a colleague.



## 6. Complete the IdP onboarding

Once your login test is successful, you will see a success message.


## Thank you!

We have successfully received all the information we need to integrate your identity management system with NVIDIA.

We will configure our identity federation system in accordance with your inputs and let you know as soon as we have finished. The configuration work at our side usually is completed within one business day.

Close

The NVIDIA team will finalize the onboarding generally within one business day, and you will receive a confirmation email.



# Identity Federation

## Integration completed

Congratulations! The integration of your identity management system with NVIDIA has been successfully completed.

Your NVIDIA contacts will reach out to you to coordinate on the next steps.

Please write to [identity-federation@nvidia.com](mailto:identity-federation@nvidia.com) if this message was incorrectly addressed to you or if you need any assistance.

[Privacy Policy](#) | [Legal Info](#) | [Contact Us](#)

Once your IdP is federated, NVIDIA cloud platforms are not automatically enabled to authenticate users through your external IdP. Since your company may have users accessing NVIDIA cloud platforms with NVIDIA-based identity user accounts, we would like to assist in identifying these users, communicating upcoming changes, and planning the migration of enterprise entitlements to their new external IdP-based identity user accounts. Please contact [ngc-ssso@nvidia.com](mailto:ngc-ssso@nvidia.com) to conduct this audit and coordinate the transition.

## 6.2. Authenticating and Managing User Access

This chapter covers the steps required to authenticate users through an enterprise SSO/IdP identity service, add new users, manage user permissions and roles, and ensure secure access to organizational resources.

After an NGC org is federated against an enterprise SSO/IdP identity service, the users signing into NGC will automatically be prompted to authenticate against their enterprise SSO/IdP service and redirected back to NGC after a successful sign-in. To add new users to an org federated to an external SSO/IdP provider, the org owner follows the steps described in [Adding NGC Users to an Org](#). Alternatively, suppose the external IdP provider supports OIDC claims to identify the user's membership to a group or set of groups. In that case, NGC can be configured to map these OIDC claims to NGC org, teams, and role assignments. See the [NGC IdP Membership Rules](#) section for more details.

Note that NGC orgs no longer manage user tenancy; users and/or groups are assigned "permissions" to access NGC org resources and are tenants of the NVIDIA Cloud Account (NCA) linked to the NGC org. Users and groups are now added to the NVIDIA Cloud Account.

If you are managing user memberships using IdP-based group tags (claims), you need to add these groups both in the NCA account under "Add Groups" and in the NGC org under "External IdP > IdP rules." (In the future, we will deliver a feature where groups are added in NCA and discovered automatically in NGC to assign access permissions.)

To ensure access to the NCA account and NGC org is never lost, even if the IdP service is rendered inaccessible, configure a "Recovery email address" under the NCA account. This email address will be used to authenticate you outside of your IdP. For more information about email recovery, refer to [Setting Up NCA Recovery Email](#).



### Important:

For NVIDIA to automatically detect the deletion or deactivation of a user managed by the external IdP, the customer must also integrate their IdP user management service to our NVIDIA identity federation system using "SCIM" or "Security Event Tokens" and allow the user to update events to flow to NVIDIA. NVIDIA will use these events to ensure deleted user accounts from the enterprise side are reflected across all NVIDIA services. Any credential assets (e.g., API keys) owned by the removed user are immediately revoked upon receiving the deletion or deactivation event.

During the federation process, NVIDIA will share our IdP federation "Synchronization of users and group changes" document, and we will need to record a written acknowledgment (email is okay) of receipt of this information and a decision on whether or not you (customer) will implement the security event integration.

Some NVIDIA products (like NGC) provide a UI option for customers to manually disable/deactivate/dis-enroll users manually within the NVIDIA application and trigger

the revocation of credential assets by deleting the user. For example, NGC supports removing a user from an NGC org, and this event automatically triggers the revocation of user-owned NGC API keys. However, such application-specific admin functions do not remove users from other NVIDIA applications unless the removal is performed at the NCA account level. The risk with this process is that if the user were part of other NVIDIA services that grant credential assets, these assets would remain as active dangling assets against those services because the user account remains "active" in our central identity service and NCA. The user's API keys are thus not revoked. The only way to guarantee NVIDIA-wide user account removal is to integrate user event sharing with the NVIDIA IdP federation service, and the customer must be guided to execute the NVIDIA recommended de-provisioning operations in the NVIDIA IdP federation service.

## 6.3. NGC IdP Membership Rules

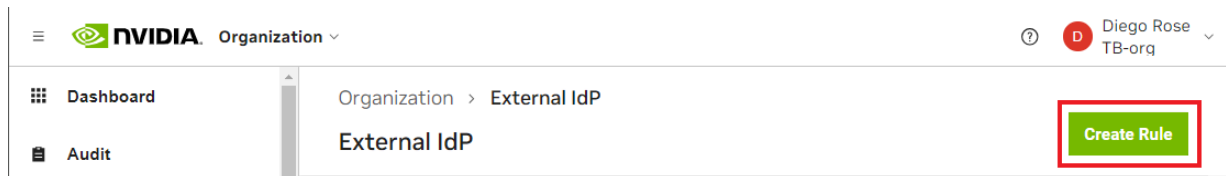
An enterprise org can be federated to an external SSO/IdP identity service to centrally manage a company's rules for user authentication to cloud services.

When the NGC org is linked to an external IdP, the org owner will see the ability to start creating membership rules under the Organization > External IdP configuration page.

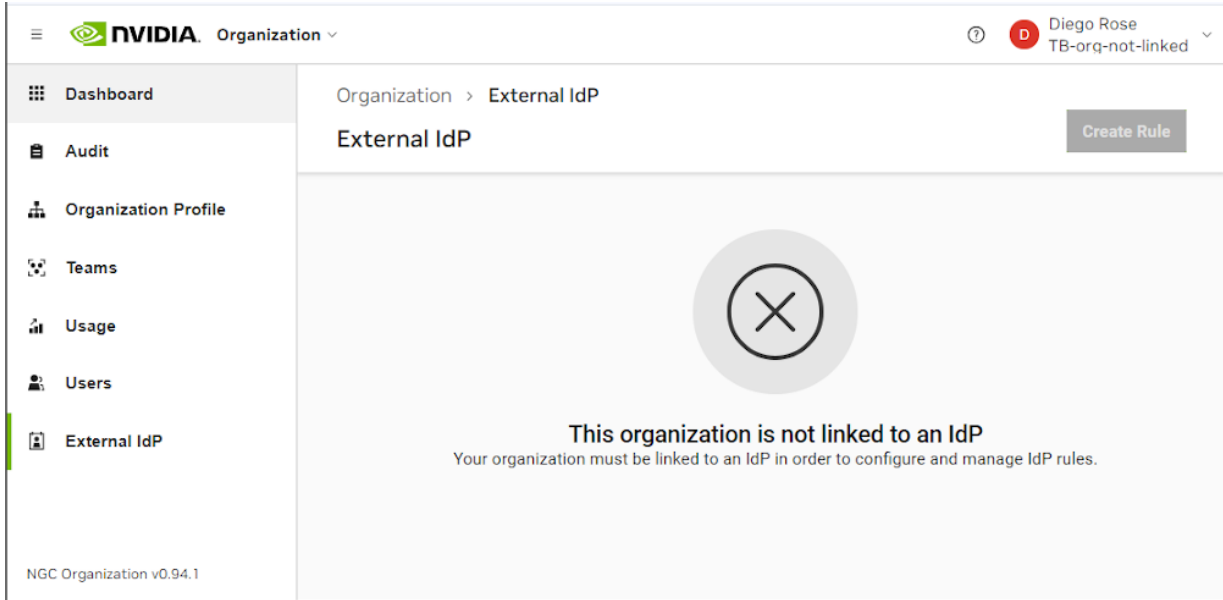


Important: Only the org owner or the user\_admin roles can manage IdP rules.

If you are an org owner, even if you are a member of a group configured in an IdP rule, the rule will not update your roles. By default, the org owner inherits admin privileges across all enablements and services in the owned org, and these role assignments are immutable.



If the NGC org is not linked to an enterprise-owned SSO IdP provider, the 'External IdP' web prompt is disabled with a message stating the org is not linked to an IdP. You can request to link your org to an enterprise-owned SSO IdP by emailing [ngc-ss@nvidia.com](mailto:ngc-ss@nvidia.com).



The membership rules feature uses Open ID Connect (OIDC) claims containing the user's membership attributes. However, if your integration is based on SAML, our IdP federation service will translate your SAML based identities and group labels to the appropriate OIDC Id-token and group labels our Cloud Platforms expect.

Sample ID-token expected by NGC

Unset

An ID-token retrieved after a successful user authentication

```

{
  "sub": "00uixa271s6x7qt8I0h7",
  "ver": 1,
  "iss": "https://{MyDomain}",
  "aud": "28dn4g32287AD709hgea",
  "iat": 1574201516,
  "exp": 1574205116,
  "jti": "ID.ewMNfSvcpuqyS930gVeCN3F2LseqR0kyYjz7DNb9yhs",
  "amr": [
    "pwd",
    "mfa",
    "kba"
  ],
  "idp": "00oixa26ycdNcX0VT0h7",
  "nonce": "UBGW",
  "auth_time": 1574201433,
  "groups": [
    "Everyone",
    "NGC_Admin"
  ]
}

```

The ID-token contains several claims that carry attributes associated with the user. Specifically, we are interested in the "groups" claims values that map users to specific membership groups in their Active Directory (AD) service.

It's important to note that the external IdP uses the name "groups" to carry membership attribute values in the example above. However, other IdP providers may use a different name for their membership attribute claim. If your IdP provider uses a different claim name, check that NGC supports it by emailing [ngc-ssso@nvidia.com](mailto:ngc-ssso@nvidia.com).

An org owner or user\_admin will create membership rules by mapping the name (alias) value of the IdP 'groups' claim to NGC org roles and permissions. Within the enterprise AD service, users assigned to these groups will receive the roles and permissions assigned to the group name in the NGC IdP rules.

### Example

In this example, we are using Okta as the enterprise-owned SSO IdP provider. It is assumed the same person managing Okta also has NGC org owner permissions.

### Okta Settings

First, the NGC org gets linked as a client application to the Okta IdP service.

The screenshot shows the Okta Admin Console interface. The left sidebar contains navigation options: Dashboard, Directory, Customizations, Applications (expanded), Self Service, Security, Workflow, Reports, and Settings. The main content area is titled 'Applications' and includes a search bar, a notification about Developer Edition, and buttons for 'Create App Integration', 'Browse App Catalog', 'Assign Users to App', and 'More'. Below these is a table of applications with a search bar and a status filter. The 'ACTIVE' filter is selected, showing 2 applications. The first application, 'NGC', is highlighted with a red box. Its details include a gear icon, the name 'NGC', and the Client ID 'Ooamo9ih2c6GVELeE357'. Other applications listed include 'Okta Admin Console', 'Okta Browser Plugin', 'Okta Dashboard', and 'VMware SD-WAN VCO'.

STATUS	Count	Application Name	Client ID
ACTIVE	2	NGC	Ooamo9ih2c6GVELeE357
INACTIVE	0	Okta Admin Console	
		Okta Browser Plugin	
		Okta Dashboard	
		VMware SD-WAN VCO	Ooari1eeqq7ebX24356

On Okta, managed users get assigned to the NGC client application, enabling them to sign in to NGC using their Okta SSO account.

At this point, users *have not* been assigned to a 'group'.

The screenshot shows the Okta Admin Console interface for the NGC application. The left sidebar contains navigation options: Dashboard, Directory (expanded), People, Groups, Profile Editor, Directory Integrations, Self-Service Registration, Profile Sources, Customizations, Applications (expanded), Self Service, Security, Workflow, Reports, and Settings. The main content area is titled "NGC" and has tabs for "General", "Sign On", "Assignments" (selected), and "Okta API Scopes". Below the tabs, there are buttons for "Assign", "Convert assignments", and a search bar. A table lists assigned users with columns for "Person" and "Type".

Person	Type
Testacct Account testacct@ngcprodmgmt.com	Individual
Antonio abanuelos@ngcprodmgmt.com	Individual
amy l amyp@ngcprodmgmt.com	Individual
Marco marcom@ngcprodmgmt.com	Individual
Adam adamt@ngcprodmgmt.com	Individual
Kayhan l kayhand@ngcprodmgmt.com	Individual
Kyle kylep@ngcprodmgmt.com	Individual

On the right side, there are sections for "REPORTS" (Current Assignments, Recent Unassignments) and "SELF SERVICE" (Requests: Disabled, Approval: N/A, Edit button).

On Okta, secure AD groups are created, and users can be assigned to a group or a set of groups.



**Okta** Search for people, apps and groups

**Groups** Help

All Rules

NGC

Advanced search ▾

Group source type All  Showing 3

Group name	People	Applications
<b>NGC_Admin</b> Maps to Org owner role	47	0
<b>NGC_AIE_PR_Admin</b> NVAIE-Registry-Admin	2	0
<b>NGC_PR_user</b> Private Registry user	1	0

In this example, Adam and Amy are assigned to the NGC\_AIE\_PR\_Admin group. Note that this is being done manually using the Okta user management feature, but this is typically managed automatically by using an enterprise active directory integrated into the IdP provider.

**Okta** Search for people, apps and groups

← Back to Groups

**NGC\_AIE\_PR\_Admin**

NVAIE-Registry-Admin

Created: 03/06/2023 Last modified: 03/09/2023 [View logs](#)

People Applications Profile Directories Admin roles

**People**

Search for users by first name, primary email or username

Advanced search ▾

Showing 2 of 2

Person & username	Status
Adam adamt@ngcprodmgt.com	Active <input type="button" value="x"/>
amy amyp@ngcprodmgt.com	Active <input type="button" value="x"/>

At this point, Adam and Amy can sign into NGC, but there isn't an IdP rule that assigns them NGC org roles and permissions. The next section covers creating the NGC IdP membership rules that will grant Adam and Amy their roles.

### Configuring NGC

After the IdP groups are created and users are assigned to secure AD groups on the Okta IdP side, the administrator (org owner) is ready to configure NGC IdP membership rules.

#### NGC

In the NGC web application, go to NGC External IdP settings and click Create Rule.

Type in a Rule Name that describes the purpose of the rule.

Then, under the If group equals field, enter the name of the IdP 'group' claim that will map to this rule. Note that the name must match exactly and is case-sensitive.

Finally, assign the NGC team or org-level access, and assign cloud service roles to grant to users that are assigned to the group. Click Save.

**Rule Name**

NVAIE and Private Registry admin

**If group equals**

NGC\_AIE\_PR\_Admin

*i* This field is case sensitive. Please ensure the group name entered matches the one in your IdP.

**then assign to**

TB2-org (no team) X | v

**as**

**Base Command Platform**

- Admin
- User
- Viewer

**Fleet Command**

- Admin
- Operator
- Viewer

**NVIDIA AI Enterprise**

- Viewer

**Omniverse Cloud**

- Admin
- User
- Read

**Private Registry**

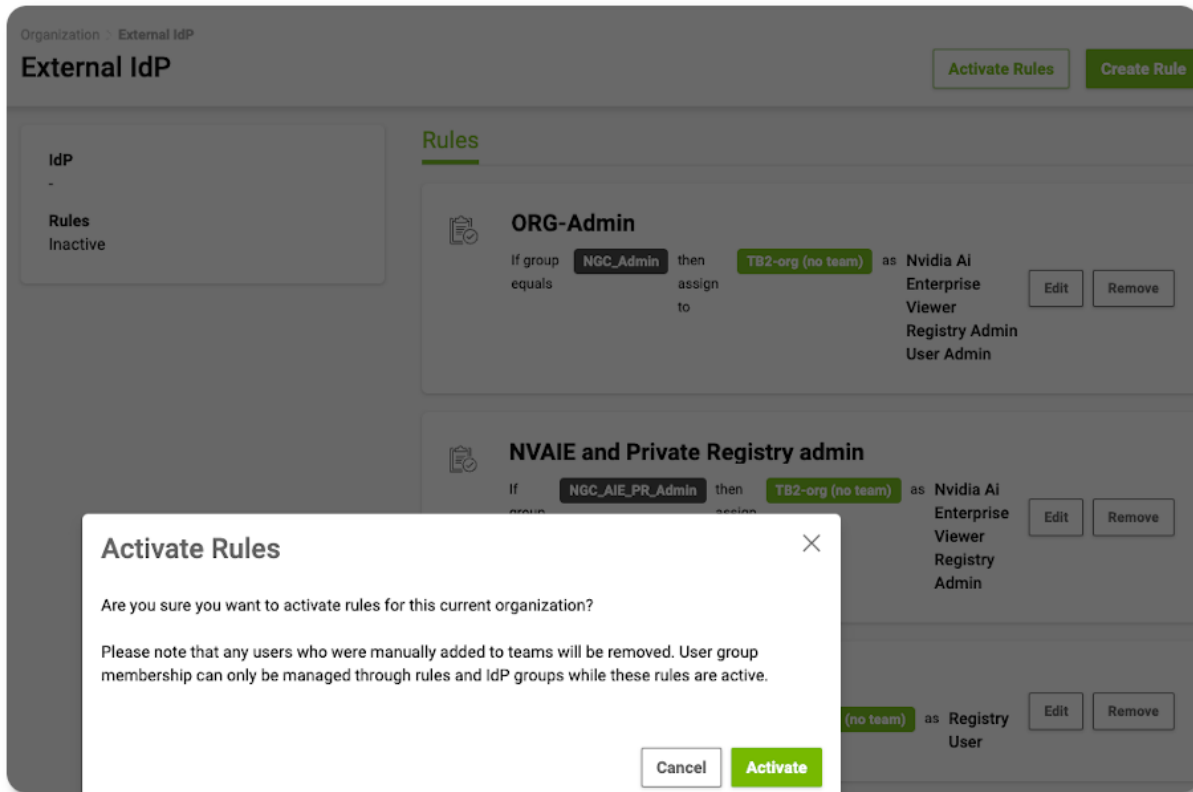
- Admin
- User
- Read

**Organization**

- User Admin

Cancel Save

Once the rule is saved, the org owner must activate the rules to apply the membership roles to Adam and Amy when they sign



in.

This completes the creation of an NGC IdP membership rule.

The org owner or user\_admin can create multiple rules to support multiple group claim values from the IdP. An example of multiple IdP membership rules created can be seen

Organization > External IdP

## External IdP

Activate Rules Create Rule

IdP  
-

Rules  
Inactive

### Rules

**ORG-Admin**

If group equals **NGC\_Admin** then assign to **TB2-org (no team)** as Nvidia AI, Enterprise Viewer, Registry Admin, User Admin

Edit Remove

**NVAIE and Private Registry admin**

If group equals **NGC\_AIE\_PR\_Admin** then assign to **TB2-org (no team)** as Nvidia AI, Enterprise Viewer, Registry Admin

Edit Remove

**Registry User**

If group equals **NGC\_PR\_user** then assign to **TB2-org (no team)** as Registry User

Edit Remove

below.



Important: The NGC IdP membership rules do not go into effect until they are "activated". Users' accounts that were added using the manual method will continue to use NGC role permissions assigned through 'Users' invite user membership configurations.

When the Activate Rules button is clicked, the org owner or user\_admin is prompted to confirm activation of the IdP rules. When the rules are activated, the NGC IDP rule system reviews user memberships previously added to the org using the "user invitation" method. The NGC IdP rule system will check if the user account maps to a new IdP membership rule. If one does, the previous account membership is deleted, and a new user account membership using the same email address and IdP association will be created. The permissions and roles that get assigned to the new account membership are based on the IdP 'groups' claim attribute.



Note: Previous user accounts that are determined not to have an associated IdP rule remain as active user accounts under "Users" account memberships. An org owner or user admin can remove these users if the org should only be accessible by members mapped to IdP rules.

---

# Chapter 7. Activating Your Subscription (Offer Dependent)

This section describes activating a subscription and linking it to your NGC Account.



Note: These steps are only required for customers who have been given an activation code as part of the purchase of a GPU or DPU.

1. Access the activation page directly via [Activate Subscription](#).
2. Sign in to NGC with your email address and password if prompted. If you have not created an NGC account, [create one now](#).
3. On the Activate Subscription page, enter your Business Information using your company's headquarters address and the serial number or activation code described by the specific offer.  
If entering multiple serial numbers or activation codes, use a comma to separate each.
4. Click Activate Subscription.

Organization > Activate Subscription

**Activate Subscription**

Cancel

Activate Subscription

The below activation process is required for software subscriptions included with purchase of NVIDIA GPUs and NVIDIA DPUS. For example, customers who have purchased NVIDIA H100 PCIe GPUs should follow the below process to access their software. Customers who have purchased software subscriptions sold separately do not need to follow the below process.

**Business Information**

Please complete this section with your business address.

<b>First Name *</b>	<b>Last Name *</b>	<b>Company Name *</b>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Address *</b>	<b>Address 2 (Optional)</b>		
<input type="text"/>	<input type="text"/>		
<b>City *</b>	<b>State / Province *</b>	<b>Zip / Postal Code *</b>	<b>Country *</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Select..."/>
<b>Role *</b>	<b>Industry *</b>	<b>Phone *</b>	
<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text"/>	

I am a systems integrator

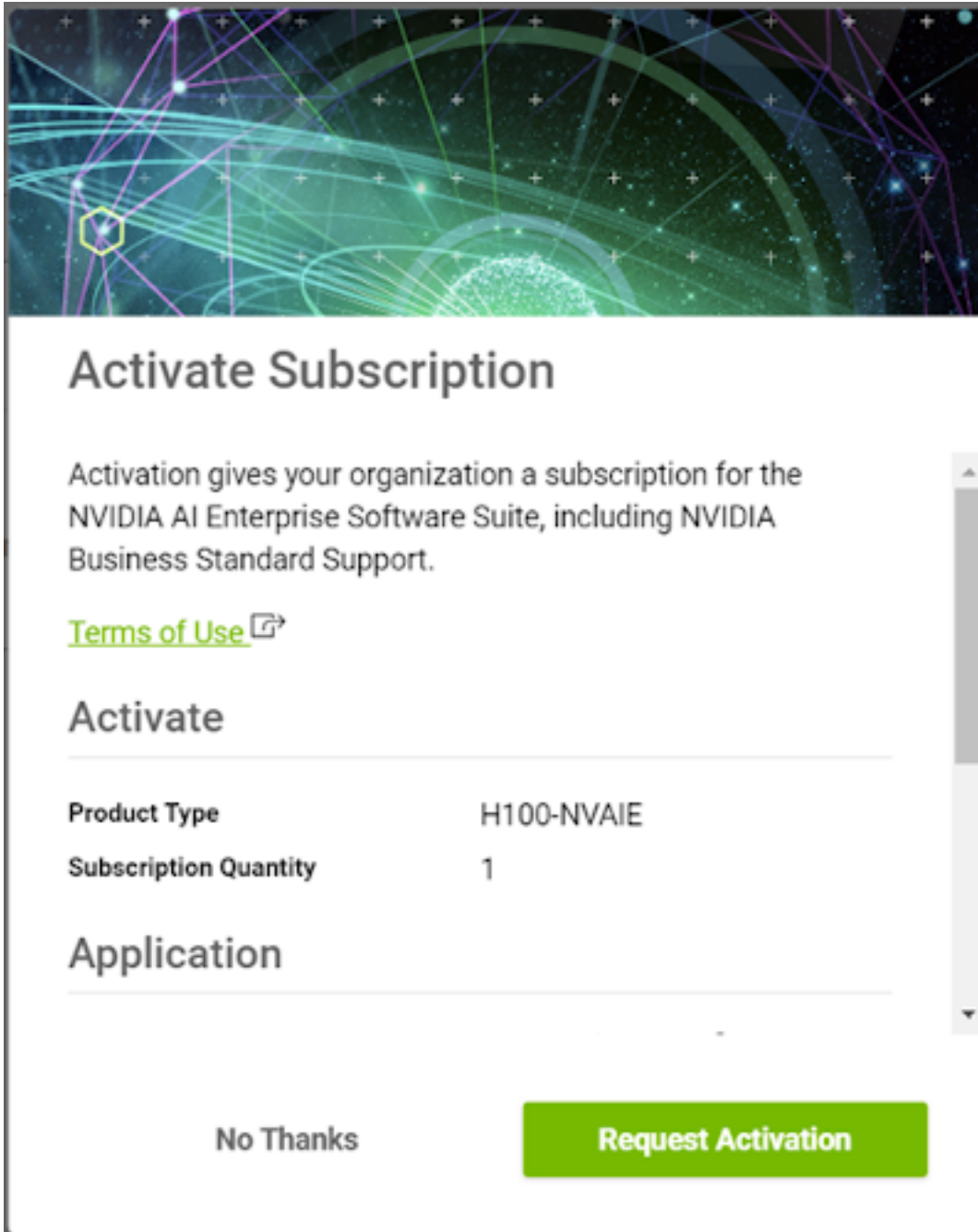
**Activation Request**

Use your promotional code, serial number or token to activate your subscription. If you are requesting activation for more than one product family (e.g. H100 GPU and BlueField DPU), you must submit a request for each product family separately. You may bulk add serial numbers from the same product family but tokens must be submitted individually. Please comma separate or line break all codes.

**Promotional Code, Serial Number, or Token**

Enter promotional code, serial number, or token

- Once the system validates the serial numbers, review the information displayed and click Request Activation.



## Activate Subscription

Activation gives your organization a subscription for the NVIDIA AI Enterprise Software Suite, including NVIDIA Business Standard Support.

[Terms of Use](#)

### Activate

Product Type	H100-NVAIE
Subscription Quantity	1

### Application

No Thanks **Request Activation**

6. The Subscriptions page will display for your organization with the active NVIDIA AI Enterprise subscription.
7. Use the left navigation and click Enterprise Catalog to access the NVIDIA AI Enterprise software suite.





The screenshot shows the NVIDIA NGC Catalog interface. At the top left, there is a hamburger menu icon, the NVIDIA logo, and the text "NGC Catalog" with a dropdown arrow. At the top right, there is a help icon, a red circle with a white 'N', and the text "Novi Sciences TB4-org". On the left side, there is a vertical navigation menu with the following items: "Explore Catalog" (with a home icon), "Enterprise Catalog" (with a folder icon and a green highlight), "Collections" (with a folder icon), "Containers" (with a cube icon), "Helm Charts" (with a gear icon), and "Models" (with a cube icon). The main content area features a large image of a grid of AI-related visualizations, including a neural network diagram, a hand interacting with a screen, and various data visualizations. To the right of this image, the heading "NVIDIA AI Enterprise" is displayed in green. Below the heading, there is a paragraph of text: "NVIDIA AI Enterprise, an enterprise-grade AI software platform, accelerates and streamlines development and deployment of production-ready generative AI, computer vision, speech AI, data science and more. With enterprise-grade security, stability, manageability, and support, NVIDIA AI Enterprise speeds time to value while mitigating the potential risks of open-source software, ensuring business continuity and a reliable platform for running mission-critical AI applications." Below this text is a green button with the text "Learn More".

# Chapter 8. Switching Orgs or Team After Logging into NGC

This section describes switching to a different org or team after logging in.

In the top menu bar, click your user account icon. Then, select your org menu to expand the view to other available orgs. If you manage many orgs, you can use the search field to find the specific org you want to select. Select the desired org by clicking it once.



Depending on the org or team you select, your current page may also refresh.

---

# Chapter 9. NGC API Keys

NVIDIA NGC API keys are required to authenticate to NGC services using NCG CLI, Docker CLI, or API communication. NVIDIA NGC supports three types of API keys.

## API Key (Original)

This is the original type of API key available in NGC since its inception. This type allows you to create only one "API key" at a time. Generating a new key automatically revokes the previous one, as they cannot be rotated. The active key immediately becomes invalid when you create a new key.



Note: NVIDIA will continue to support this key type for services that have not transitioned to the next-generation API keys. However, we encourage customers to migrate to our next-generation API keys when possible.

NVIDIA NGC introduces two new types of API keys supporting Role-Based Access Control (RBAC) configuration and the ability to manage the state of each key.

## Personal API Key

Any user who is a member of an NGC org can generate Personal API Keys. These keys are tied to the user's lifecycle within the NGC org and can access up to the permissions and services assigned to the user. During the key generation steps, users can configure which NGC services are accessible by the API key and the time-to-live from one hour to 'never expires'.

## Service API Key

Service API keys are not associated with individual user accounts; instead, they are linked to an NVIDIA cloud account and manage their lifecycle within the NGC org where they are created. The org owner and members assigned the user\_admin role can create and manage Service API keys. The user\_admin role must be assigned along with the specific application role for which the user will generate and manage service keys.



Note: Service keys do not currently support listing artifacts in NGC CLI or Docker CLI. This functionality will be added in the future. In the meantime, use a Personal API key to list artifacts.

As NVIDIA rolls out support for "Personal" and "Service" API keys, the original NGC API keys will continue to be supported. We highly recommend generating new API keys using the latest "Personal" or "Service" type API keys. These key types deliver the ability to

configure an expiration date, revoke or delete the key using an action button, and rotate the key as needed.

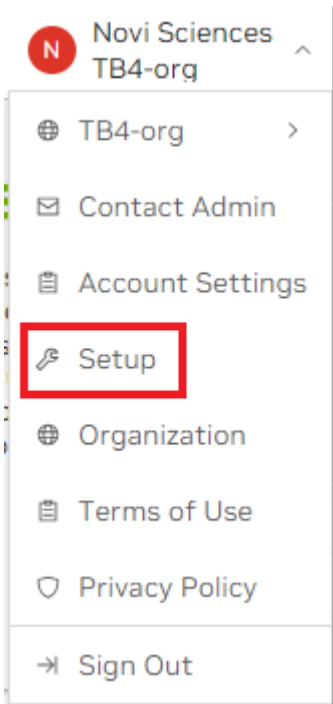
The NVIDIA NGC applications/services that support Personal and Service Keys are listed below:

NGC Application/ Services	Service API Keys	Personal API Keys	NGC API Keys (Original)
NVIDIA NGC Catalog	Yes	Yes	Yes
NVIDIA NGC Private Registry (Helm charts are not yet supported).	Yes	Yes	Yes
NVIDIA NIM™	Yes	Yes	No
NVIDIA Fleet Command	No	Yes	Yes
NVIDIA Base Command Platform	No	No	Yes

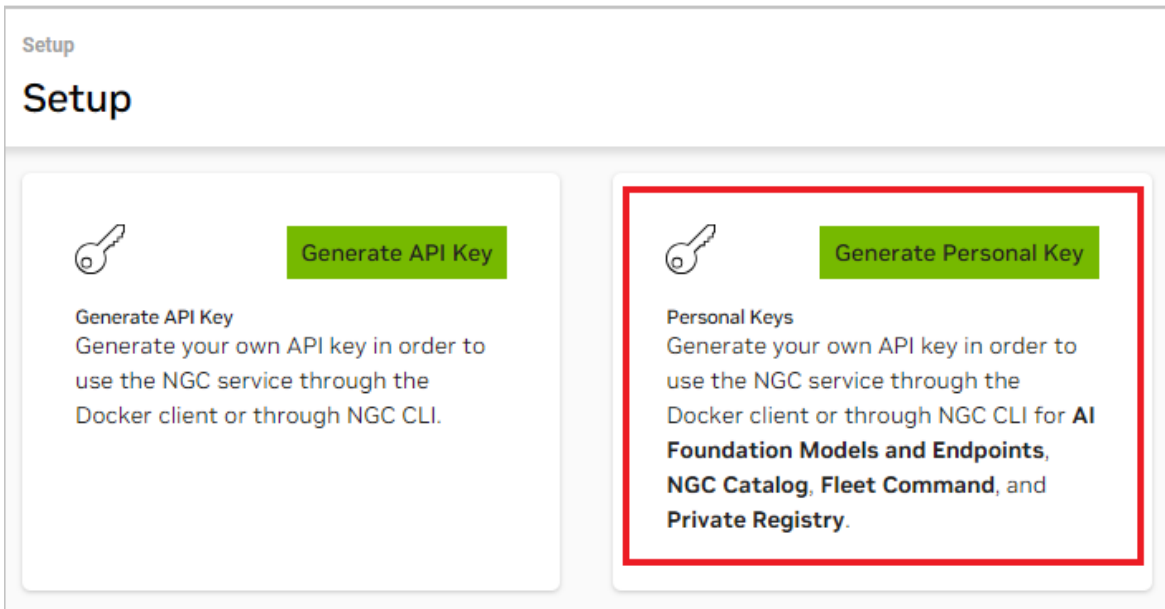
If your NGC service isn't listed under Personal or Service Keys, continue using the original NGC API key. We'll update this list by adding support for other NGC services into our next-generation key types.

## 9.1. Generating a Personal API Key

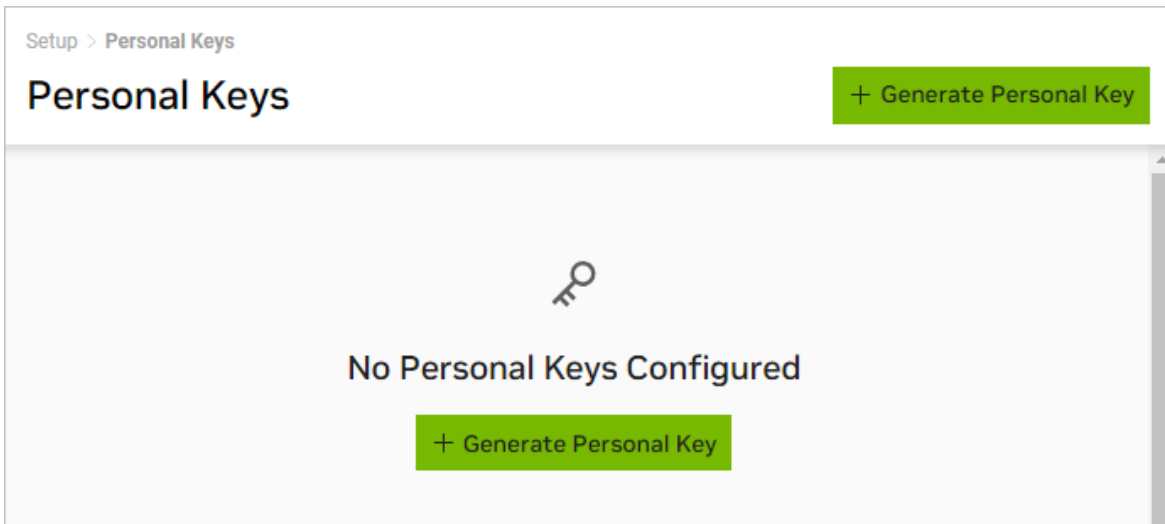
1. Sign in to the NGC website.  
From a browser, go to <https://ngc.nvidia.com/signin> and then enter your email and password.
2. Click your user account icon in the top right corner and select Setup.



- 3. Click Generate Personal Key from the available options. Personal Keys allow access to a set of NGC service APIs.



- 4. On the Setup > Personal Keys page, click + Generate Personal Key, on the menu or the pane.



5. In the Generate Personal Key dialog, fill in the required information for your key.

### Generate Personal Key ×

Your Personal API Key authenticates your use of the selected services associated with your account within only this organization when using a CLI or Rest API.

**Key Name \***

My Personal API Key

This key authenticates services only within the **NVIDIA** organization

**Expiration \***

12 months ▼

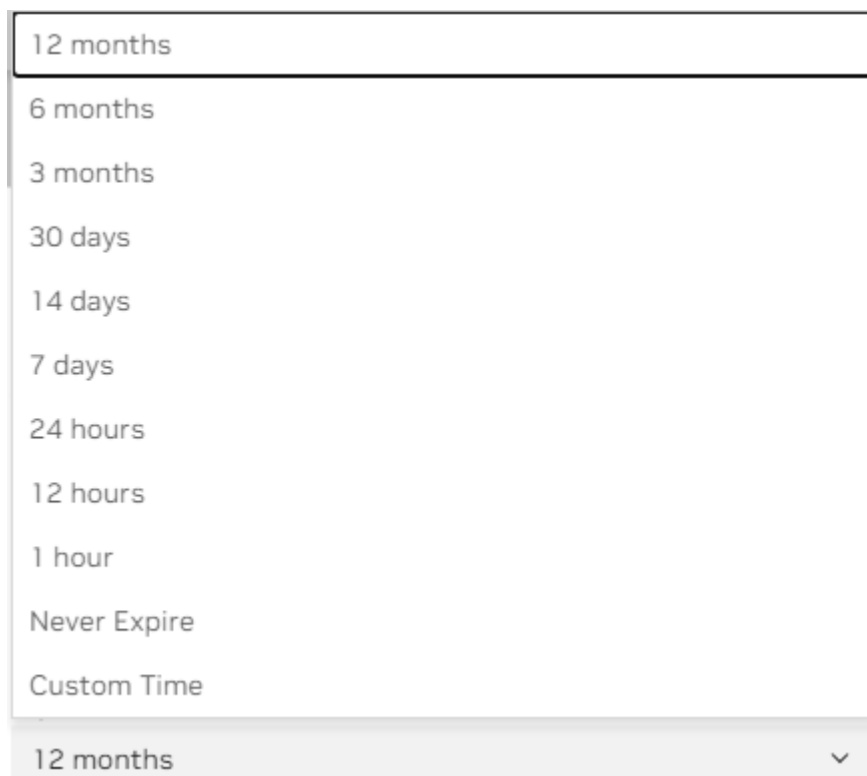
**Services Included \***

Private Registry × ▼

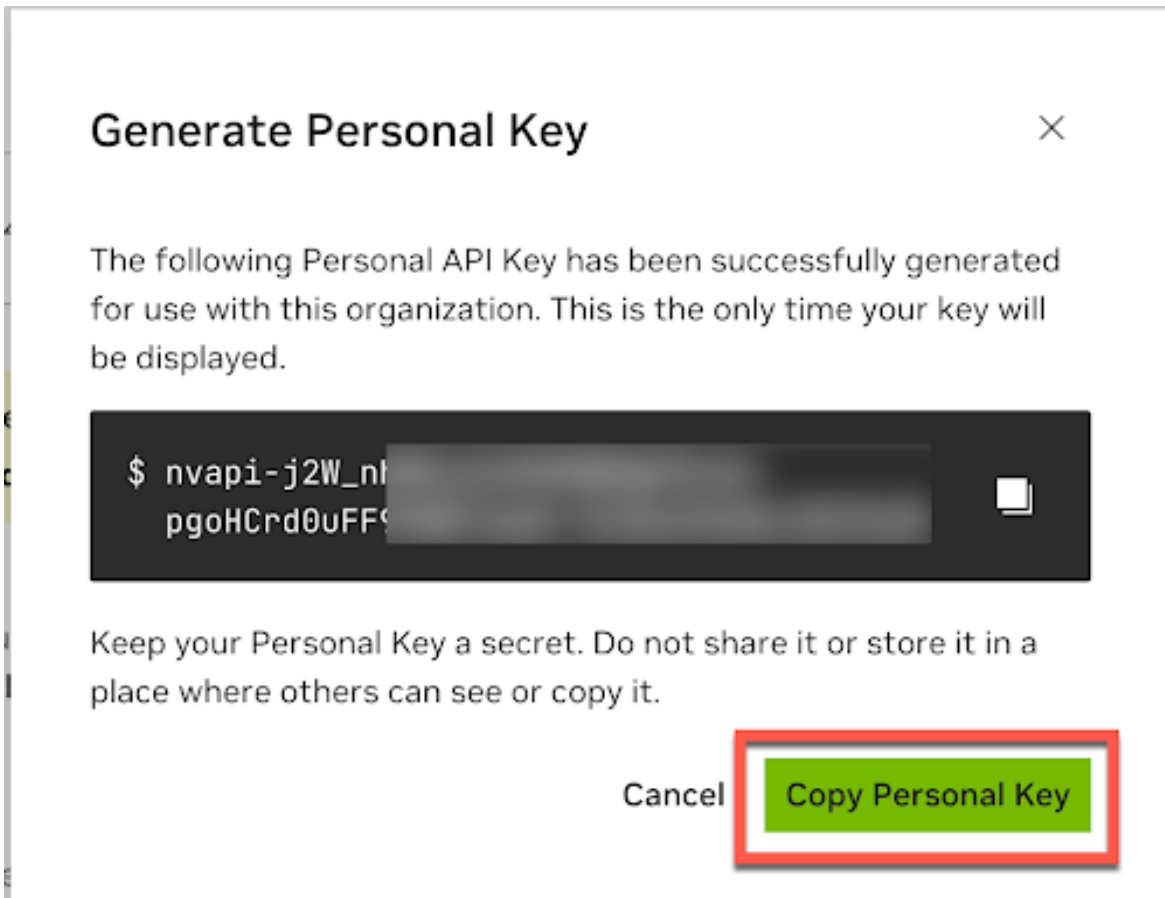
These services are based on your access within this organization

Cancel
Generate Personal Key

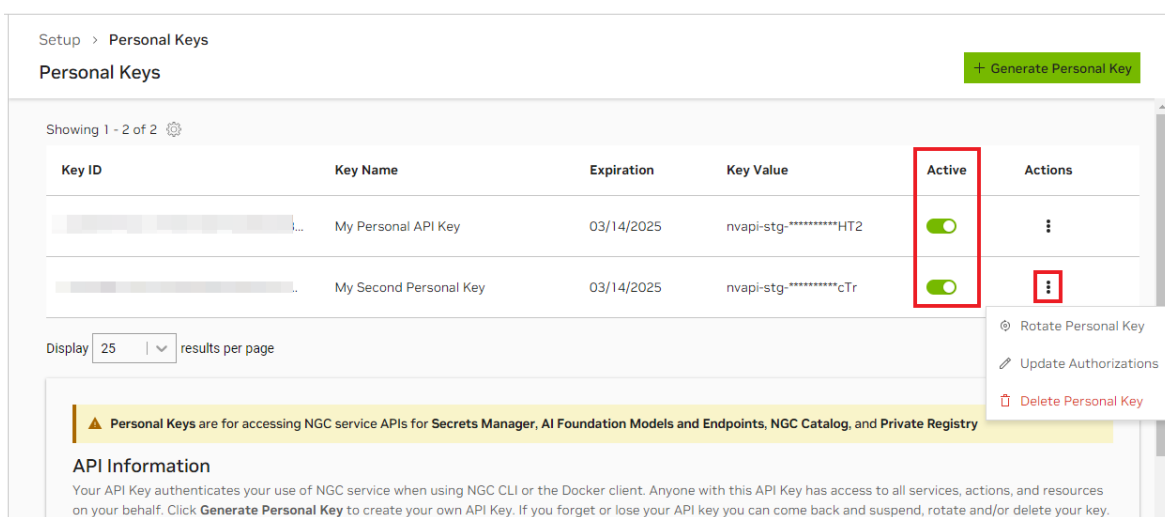
- ▶ Key Name: Enter a unique name for your key.
- ▶ Expiration: Choose the expiration date for the key.



- ▶ Services Included: Choose from the available services the key is permitted to access. Refer to [Assigning Services to Your Personal API Key](#) to learn more about each service and when to assign service access to your Personal Key.
6. Click Generate Personal Key when finished.  
Your API key appears in the following dialog.
  7. NGC does not save your key, so store it securely. You can copy your API Key to the clipboard by selecting Copy Personal Key or using the copy icon to the right of the API key.



You can generate up to eight personal keys and manage them from the Setup > Personal Keys dashboard. To activate or deactivate a key, click the Active toggle. The Actions (ellipsis) menu allows you to rotate or delete a personal key.





## 9.1.1. Assigning Services to Your Personal API Key

The services you can assign to a personal API key depend on two factors:

- ▶ The services enabled for the NGC org where you generate the API key.
- ▶ The service roles assigned to you by your NGC org owner or administrator.

For example, consider an NGC org with the following services enabled:

Organization > Subscriptions

Subscriptions

Icon	Subscription Name	Status	Term Date	Auto Renewal	Type
	NVIDIA Microservices	Active		No	Not for resale
	Private Registry	Active		No	Not for resale
	NVIDIA AI Enterprise for VMware Private AI Foundation	Active		No	Not for resale
	Cloud Functions	Active		No	Not for resale
	NVIDIA AI Enterprise Essentials	Active		No	Not for resale

An NGC user account might have the following access roles assigned:



### Email

tba

### Roles

**NVCF VIEWER** **NVIDIA AI ENTERPRISE VIEWER**  
**ORG OWNER** **REGISTRY ADMIN** **REGISTRY READ**  
**USER ADMIN** **USER READ**

### Date Created

04/05/2022 03:51 PM

### Last Login

12/02/2024 08:42 PM

In this scenario, the NGC org has enabled NVIDIA Microservices, Private Registry, NVIDIA AI Enterprise, and Cloud Functions (NVCF). The user account has been granted access roles for all these services. Therefore, a personal API key can be generated with permissions to access one or all of them.

## Generate Personal Key ✕

Your Personal API Key authenticates your use of the selected services associated with your account within only this organization when using a CLI or Rest API.

**Key Name \***

My personal API key for all services

This key authenticates services only within the **NV-Developer** organization

**Expiration \***

12 months ▼

**Services Included \***

Secrets Manager ✕

NGC Catalog ✕

Public API Endpoints ✕

✕ ▼

Cloud Functions ✕

Private Registry ✕

These services are based on your access within this organization

Cancel
Generate Personal Key

If a service is unavailable for assignment to the API key, it indicates that the org owner or administrator has not granted the user the necessary role for that service.

For details about each service listed above and its function, see below.

**Secrets Manager:** The NGC Secrets Manager service enables the NGC user to store secret key pairs required to access NVIDIA or external services that require programmatic authentication.

If you need to use a personal API key to retrieve these secret keys from the Secrets Manager vault, you must assign the Secrets Manager service permission to your API key.

**NGC Catalog:**The NGC Catalog service provides access to NVIDIA AI artifacts available for download. Users can browse available artifacts and access information about each one. Access to gated catalog artifacts is controlled by the NVIDIA AI Enterprise subscription.

Grant your personal API key NGC Catalog service permission if you need to use it to access NGC Catalog API endpoints, such as downloading NIM artifacts.

**Public API Endpoints:** The Public API Endpoints service is required to call NVIDIA NIM inference endpoints. Although NIM inference endpoints are enabled on all NGC orgs and do not appear as a service in the NGC subscription portal, calling them consumes org credits. Therefore, users must have the appropriate role assigned to them to add this service to their personal API key and use org credits.

**Cloud Functions (NVCF):** The Cloud Functions service is required to access functions that are private or shared with a specific NGC org. If enabled, the NVCF service allows the creation and management of functions. Permissions for these functions (create, read, update, delete, list) can be assigned to a user and are then inherited by their personal API key.

Grant your personal API key access to the Cloud Functions service if you need to use it to invoke, manage, or list private or shared org functions.

**Private Registry:** The Private Registry service provides a private repository for NGC org users with appropriate role access to manage and store private artifacts. NGC users with Private Registry access can upload, download, create, delete, share, and list artifacts.

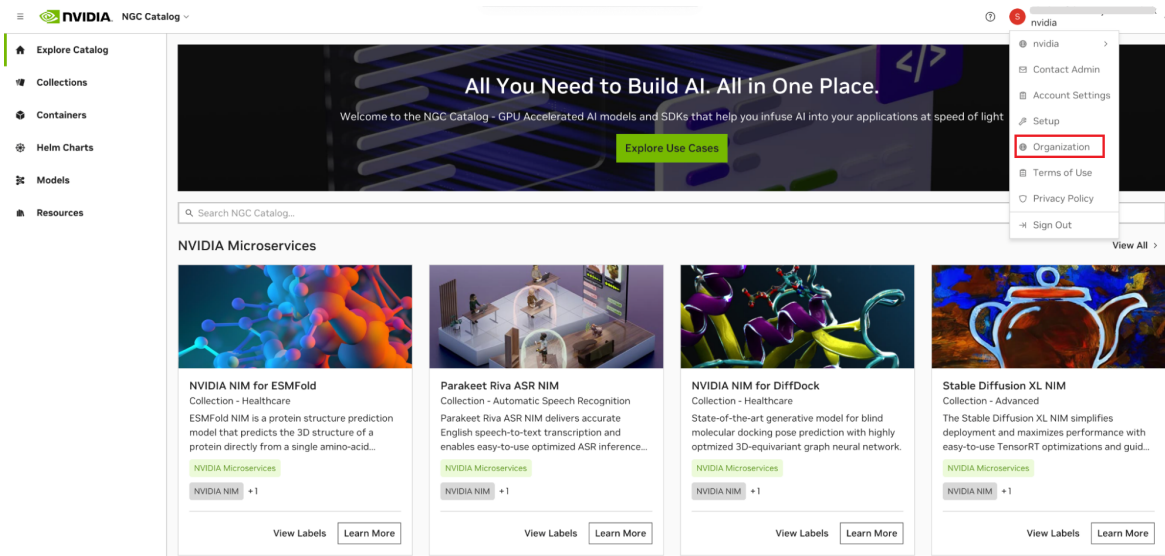
Assign Private Registry access to your personal API key if you need to use it to programmatically manage private artifacts in the org's registry via Private Registry API endpoints.

## 9.2. Generating a Service API Key

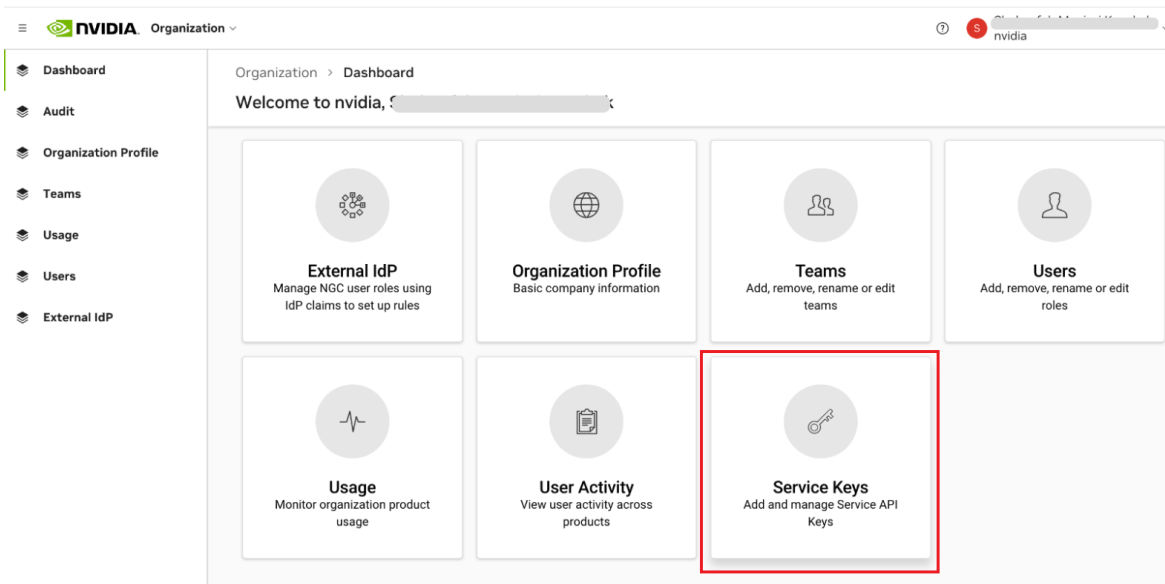
1. Sign in to the NGC website.

From a browser, go to <https://ngc.nvidia.com/signin> and then enter your email and password.

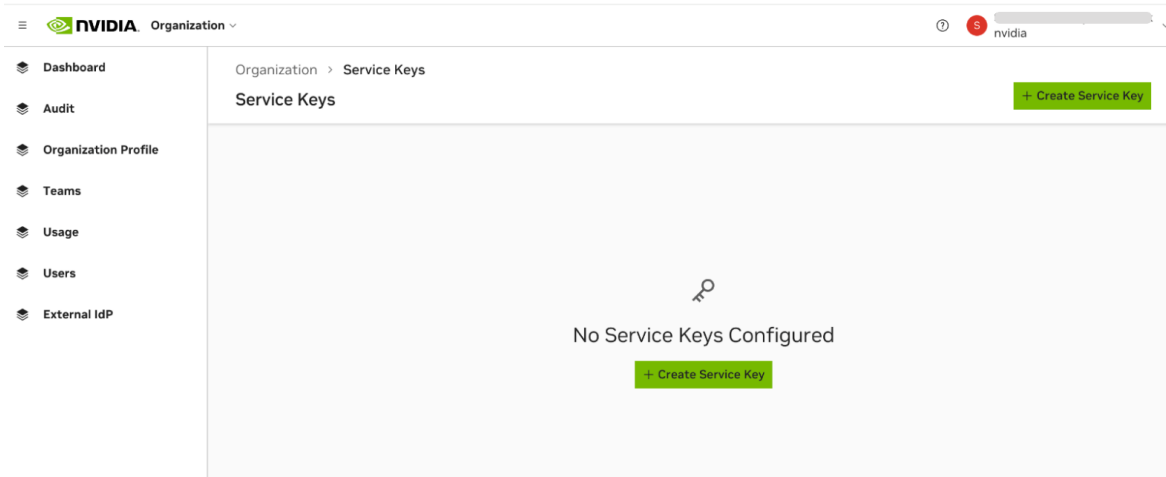
2. Select Organization from the user account menu on the upper right.



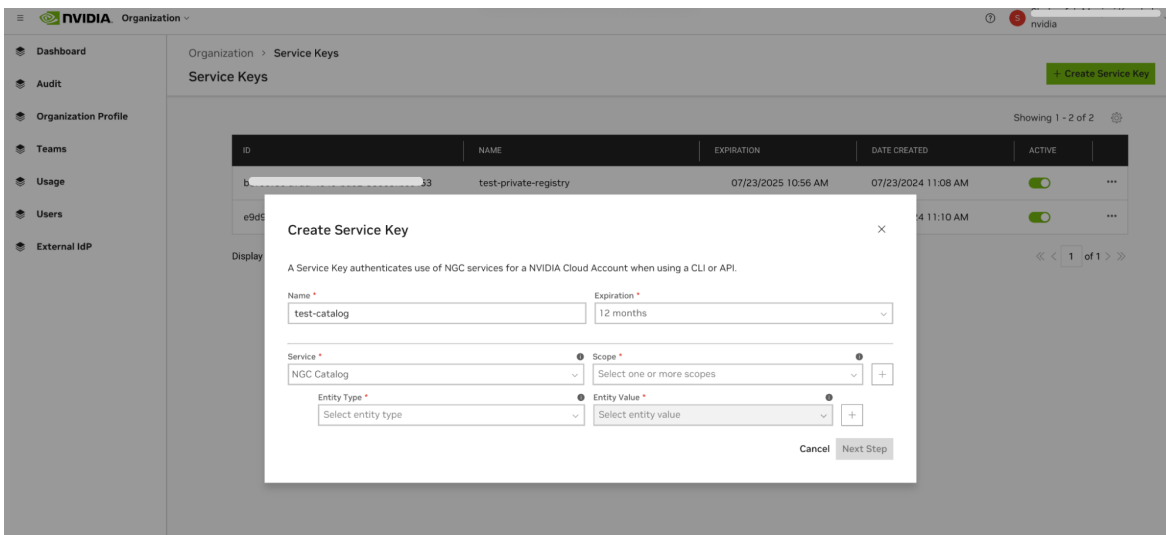
Select Service Keys on the organization dashboard.



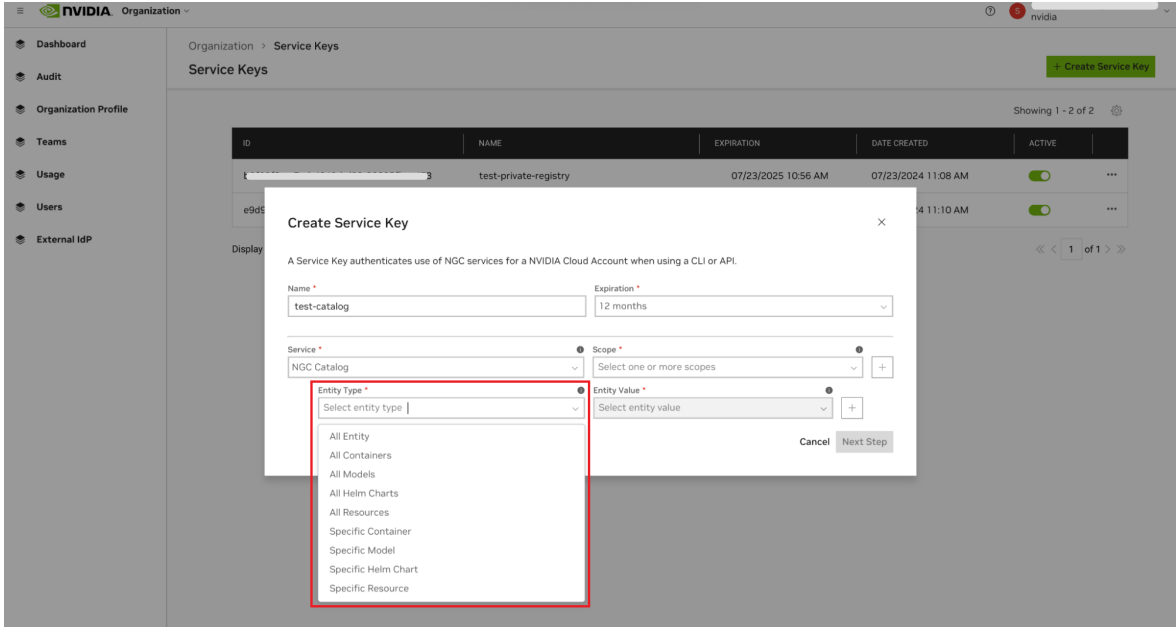
3. On the Organization > Service Keys page, click + Create Service Key button to create a key.



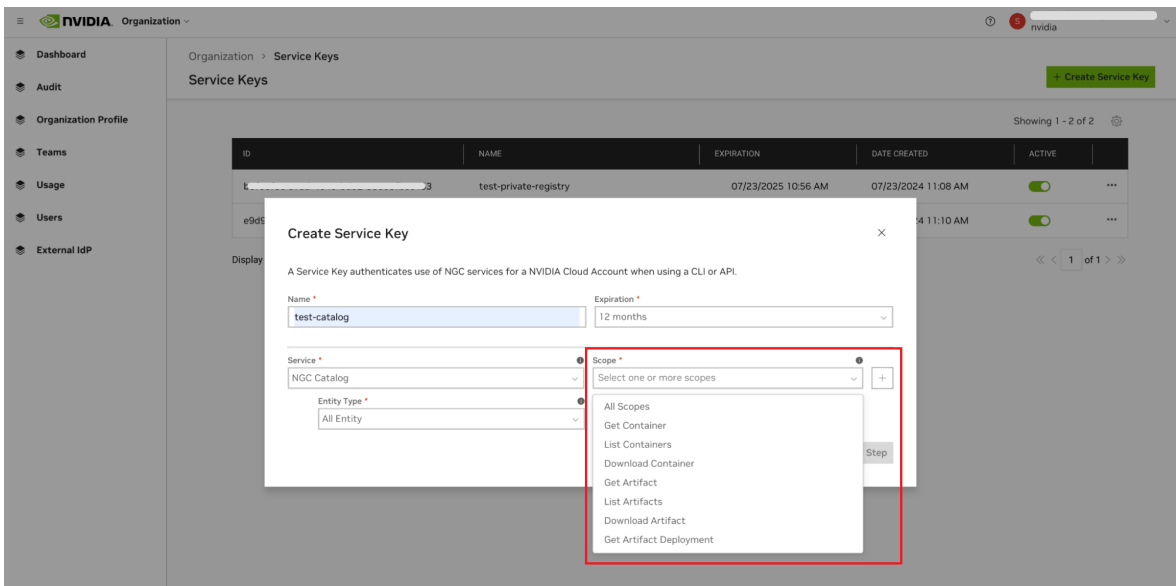
4. In the Create Service Key dialog, fill in the required configuration. Service keys currently support services such as NVIDIA NIM, NGC Catalog, and Private Registry. Assign scopes and resource permissions to the key.



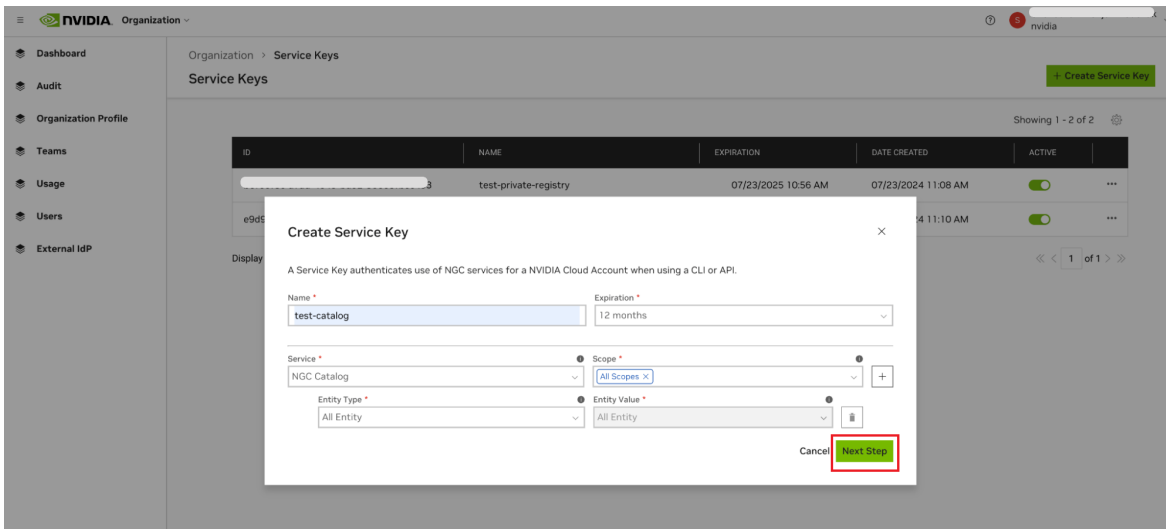
In the Entity Type field, select from the available options to grant to the API key.



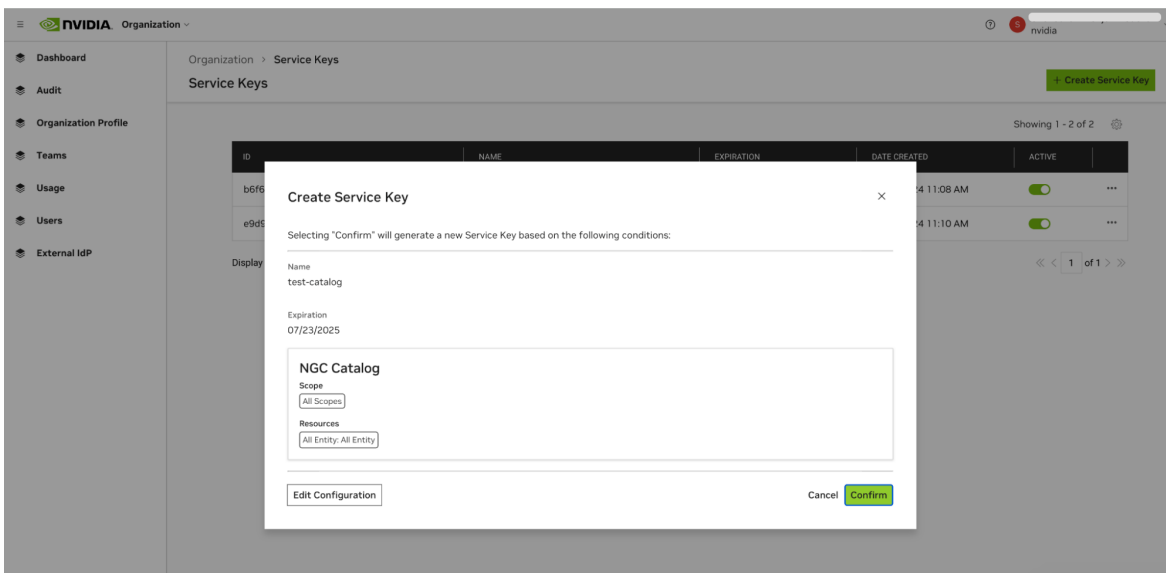
In the Scope field, choose from the available options.



5. Click Next Step to review your key configuration.

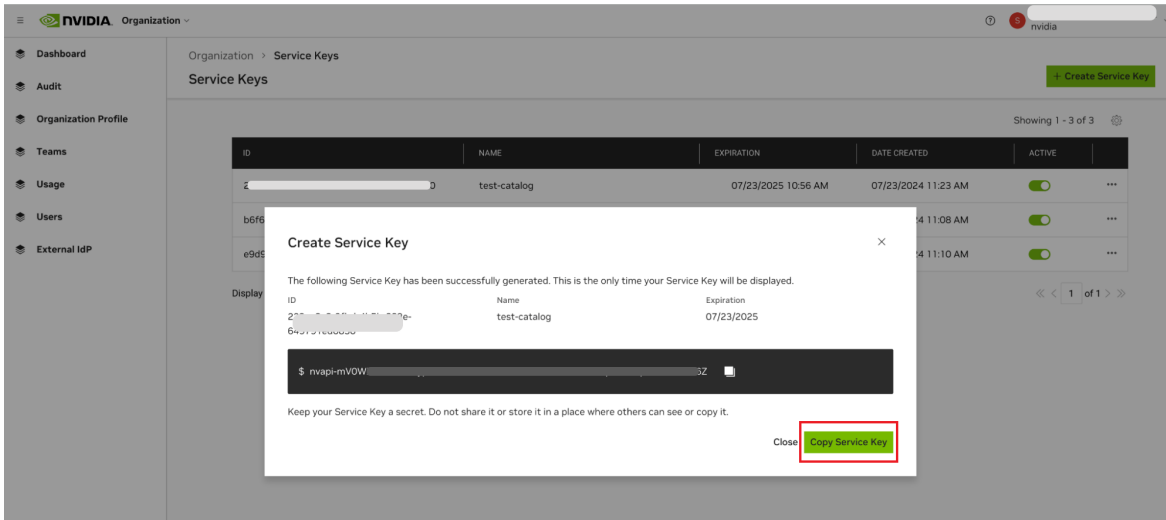


6. Once you verified the configuration, click Confirm to generate your service key. Your service key appears in the next dialog.



7. NGC does not save your key, so store it securely. You can copy your API Key to the clipboard by clicking the copy icon to the right of the API key or the Copy Service Key button.

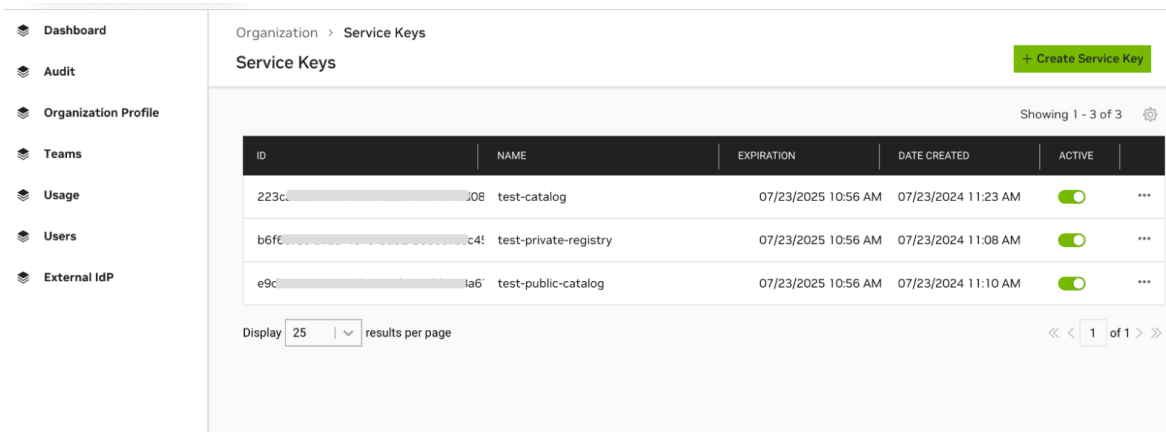




Make sure to copy the key value before leaving this page. Once you navigate away, the key value cannot be retrieved, and replacing it will require generating a new key.

NGC supports multiple Service API keys, which are managed from the Organization > Service Keys dashboard.

To activate or deactivate a key, click the Active toggle. The Actions (ellipsis) menu allows you to rotate or delete a service key.



Note: When managing containers, ensure the scopes Get Container and Get Container list are assigned to your service key. For other types of artifacts, add the Get Artifact and Get Artifact list scopes. These scopes are the minimum required to discover the artifacts that need to be managed. Refer to the [NGC Catalog User Guide](#) and [Private Registry User Guide](#) for more information.

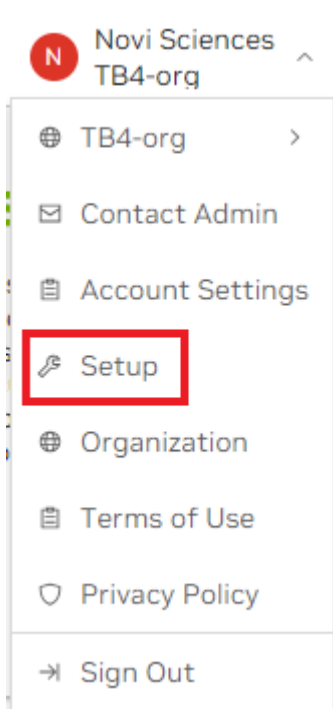
## 9.3. Generating NGC API Keys

This section describes obtaining an API key to access locked container images from the NGC Registry.

1. Sign in to the NGC website.

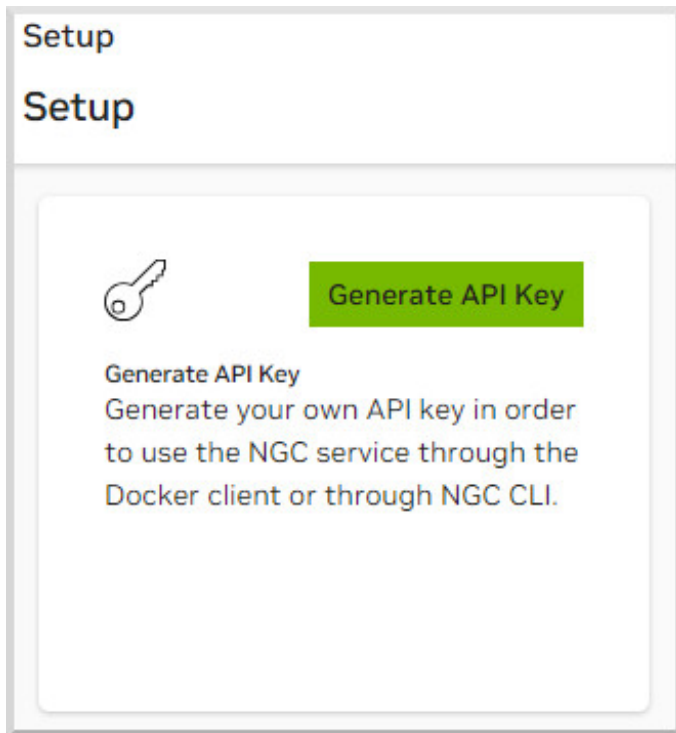
From a browser, go to <https://ngc.nvidia.com/signin> and then enter your email and password.

2. Click your user account icon in the top right corner and select Setup.



3. Click Generate API Key to open the API Key page.

The API Key is the mechanism that authenticates your access to the NGC container registry.



4. On the API Key page, click + Generate API Key to generate your API key.

A warning message shows that your old API key will become invalid if you create a new one.

5. Click Confirm to generate the key.

Your API key appears.

You only need to generate an API Key once. NGC does not save your key, so store it securely.



Tip: You can copy your API Key to the clipboard by clicking the copy icon to the right of the API key.

You can generate a new one from the NGC website if you lose your API Key. When you generate a new API Key, the old one is invalidated.

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# Chapter 10. Notification Services

The NGC Notification Services feature enables NGC users to subscribe to email notifications to receive service change events. By subscribing to notifications, users can stay updated with the latest changes and developments in the NGC cloud platform and its services.

NGC customers can be informed of the following types of changes:

- ▶ Customer-impacting service enhancements (release notes)
- ▶ Security vulnerabilities (CVEs) and scanning reports
- ▶ Software end-of-life announcements
- ▶ Scheduled web portal maintenance to an NGC property

NGC customers can subscribe to notifications in the following ways:

- ▶ During their first sign-in, the NGC portal will pop up a modal allowing users to set their notifications preferences.

### Set Email Preferences For Your Services ×

**Services Email Preferences** are available from **Account Settings** under your user ID account menu

Send me information regarding security, announcements and maintenance for all of my services

**Private Registry** ^

Security   
Security vulnerabilities

Maintenance   
Planned maintenance events

Announcement   
New s/w version release notes, API end of service, NGC CLI updates and end of service

---

**Organization** ^

Security   
Security vulnerabilities

Maintenance   
Planned maintenance events

Announcement   
New s/w version release notes, API end of service, NGC CLI updates and end of service

---

**NVIDIA AI Enterprise Essentials** ^

Security   
Security vulnerabilities

Maintenance   
Planned maintenance events

Announcement   
New s/w version release notes, API end of service, NGC CLI updates and end of service

[Set Email Preferences](#)

The following sample toast notification confirms the user's email preference settings:

**Email preferences has been updated for 3 services:**

- Private Registry
- Organization
- NVIDIA AI Enterprise Essentials

×

[View Account Settings](#)

- ▶ After their initial sign-in, users can edit their notification preferences under their NGC user account settings page.

My Account

Profile & Preferences

Name  Email

Date Created 09/20/2023 02:23 PM

Last Login  
06/24/2024 04:50 PM

Services Email Preferences

- Send me information regarding security, announcements and maintenance for all of my services
- Private Registry** ^
- Security**   
Security vulnerabilities
- Announcement**   
New s/w version release notes, API end of service, NGC CLI updates and end of service
- Maintenance**   
Planned maintenance events

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- Organization** ^
- Security**   
Security vulnerabilities
- Maintenance**   
Planned maintenance events
- Announcement**   
New s/w version release notes, API end of service, NGC CLI updates and end of service

---

- NVIDIA AI Enterprise Essentials** ^
- Security**   
Security vulnerabilities
- Maintenance**   
Planned maintenance events
- Announcement**   
New s/w version release notes, API end of service, NGC CLI updates and end of service

Notification preferences are organized based on the subscriptions enabled within the organization. Access to these preferences will be gated by the service roles assigned to each user.



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