



# NVIDIA<sup>®</sup>

## HPC Compilers

HPC COMPILERS SUPPORT  
SERVICES QUICK START GUIDE

# ABOUT THIS GUIDE

HPC Compiler Support Services Quick Start Guide provides minimal instructions for accessing NVIDIA® portals as well as downloading and installing the supported software. If you need complete instructions for installation and use of the software, please refer to the [HPC SDK Installation Guide](#) and [HPC Compilers Documentation](#) for your version of the HPC SDK software, or [PGI Documentation](#) for legacy PGI software.

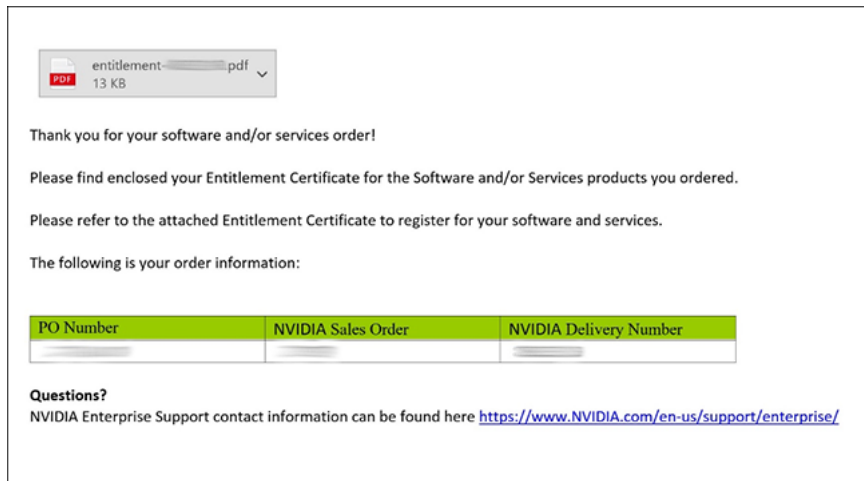
After your order for NVIDIA HPC Compiler Support Service is processed, you will receive an order confirmation message from NVIDIA. This message contains information that you need for accessing NVIDIA Enterprise and Licensing Portals and getting your NVIDIA software from the NVIDIA Licensing Portal. To log in to the NVIDIA Licensing Portal, you must have an NVIDIA Enterprise Account.

# Chapter 1.


## ACCESSING NVIDIA PORTALS

### 1.1. Your Order Confirmation Message

After your order for NVIDIA HPC Compiler Support Services is processed, you will receive an order confirmation message to which your NVIDIA Entitlement Certificate is attached.



Your NVIDIA Entitlement Certificate contains your order information.



NVIDIA Corporation  
2788 San Tomas Expressway  
SANTA CLARA CA 95051  
USA

**NVIDIA® Entitlement Certificate**  
This certificate serves as evidence that NVIDIA has entitled you for the following product(s).

|                         |                                     |
|-------------------------|-------------------------------------|
| <b>End Customer</b> ( ) | <b>NVIDIA Delivery</b>              |
|                         | <b>Entitlement Date</b> 11 JUN 2020 |
|                         | <b>PO Number</b>                    |
|                         | <b>NVIDIA Sales Order</b>           |

| No | Entitlement Description                 | Quantity | Sales Type | Term   | Start Date  | End Date    |
|----|---|----------|------------|--------|-------------|-------------|
| 1  | HPC Compiler Support Services<br>PAK ID | 1 EA     | Initial    | 1 Year | 11 JUN 2020 | 10 JUL 2021 |

Please follow the instructions provided in the following section to register your entitlements.

Thank you for your order!

Your NVIDIA Entitlement Certificate also provides instructions for using the certificate.

**NOTICE**

**HOW TO USE THIS CERTIFICATE**

**Registration Instructions**

Please refer to the [NVIDIA HPC Compiler Support Services Quick Start Guide](#) for information on how to get started, including instructions on how to register for your entitlement.


**Sales Type: Initial**

1. Already have HPC Compiler Support Services entitlements? Please [Login](#)
2. New to HPC Compiler Support Services entitlements? Please [register](#) and follow instructions on the registration page.

**Questions?**  
NVIDIA Enterprise Support contact information can be found [here](#)

Rights and restrictions on the use, transfer and copying of the Software are set forth in NVIDIA's Software License Agreement.

To get the support for your NVIDIA HPC Compiler Support Services , you must have an NVIDIA Enterprise Account.




For a HPC Compiler Support Services renewal, you should already have an NVIDIA Enterprise Account

If you do not have an account, follow the **Register** link in the instructions for using the certificate to create your account. For details, see the next section, Creating your NVIDIA Enterprise Account.

If you already have an account, follow the **Login** link in the instructions for using the certificate to log in to the [NVIDIA Enterprise Application Hub](#).

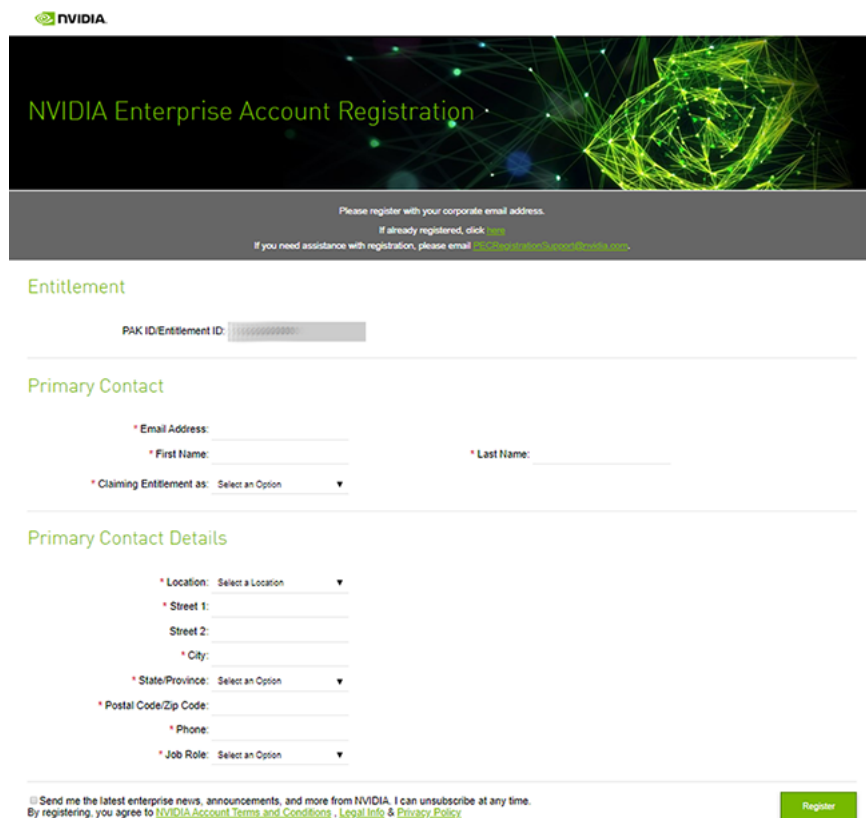
## 1.2. Creating your NVIDIA Enterprise Account

If you do not have an NVIDIA Enterprise Account, you must create an account to be able to log in to the NVIDIA Licensing Portal.

 If you already have an account, skip this task and go to [Downloading Your NVIDIA HPC SDK or PGI Software](#).

Before you begin, ensure that you have your order confirmation message.

1. In the instructions for using your NVIDIA Entitlement Certificate, follow the **Register** link.
2. Fill out the form on the **NVIDIA Enterprise Account Registration** page and click **Register**.



**NVIDIA**

### NVIDIA Enterprise Account Registration

Please register with your corporate email address.  
If already registered, click [here](#).  
If you need assistance with registration, please email [RCD@nvidia.com](mailto:RCD@nvidia.com).

**Entitlement**

PAK ID/Entitlement ID:

**Primary Contact**

\* Email Address:

\* First Name:  \* Last Name:

\* Claiming Entitlement as:

**Primary Contact Details**

\* Location:

\* Street 1:

Street 2:

\* City:

\* State/Province:

\* Postal Code/Zip Code:

\* Phone:

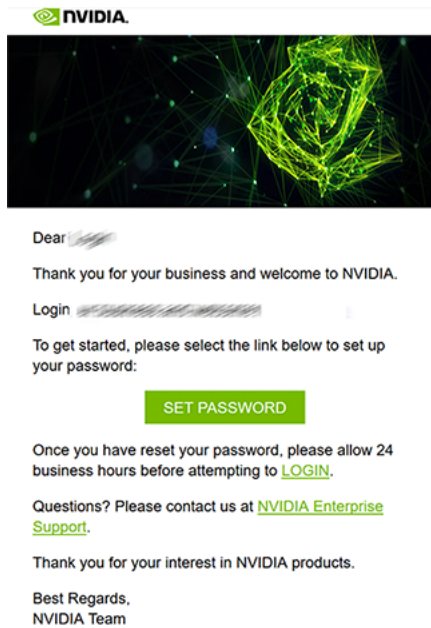
\* Job Role:

Send me the latest enterprise news, announcements, and more from NVIDIA. I can unsubscribe at any time. By registering, you agree to [NVIDIA Account Terms and Conditions](#), [Legal Info](#) & [Privacy Policy](#).

**Register**

A message confirming that an account has been created appears and an e-mail instructing you to set your NVIDIA password is sent to the e-mail address you provided.

3. Open the e-mail instructing you to set your password and click SET PASSWORD



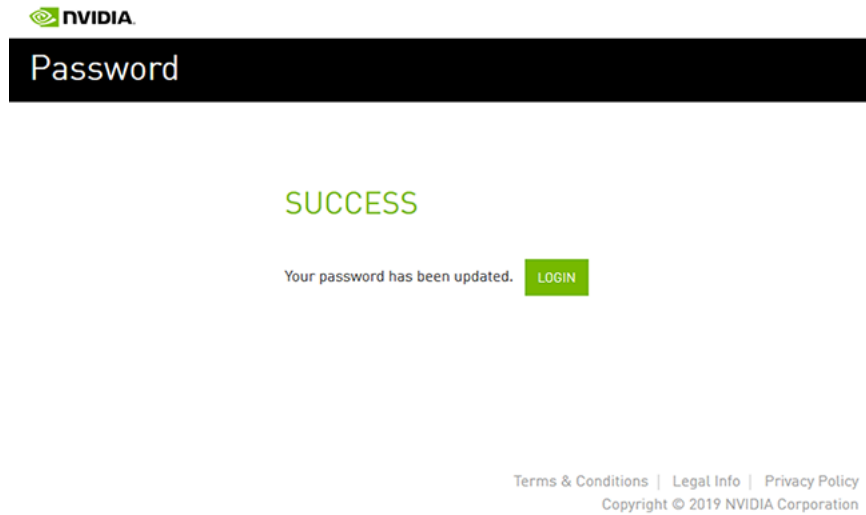
After you have set your password during the initial registration process, you will be able to log in to your account within 15 minutes. However, it may take up to 24 business hours for your entitlement to appear in your account.

For your account security, the **SET PASSWORD** link in this e-mail is set to expire in 24 hours.

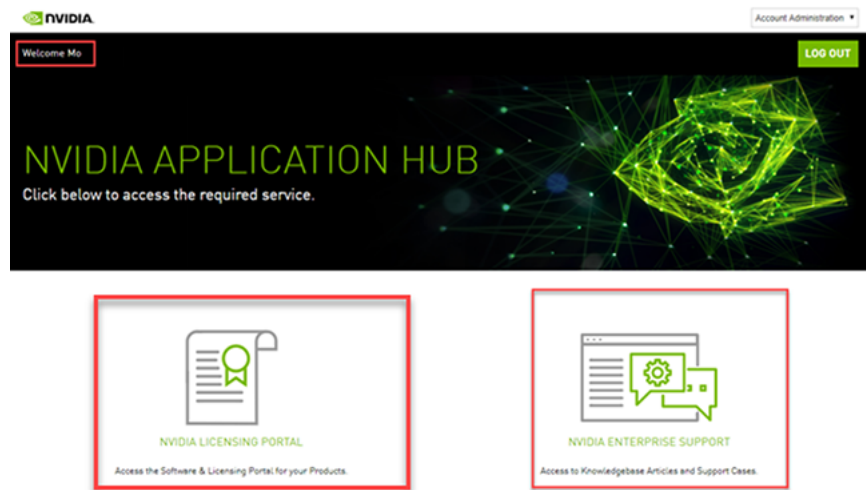
4. Enter and re-enter your new password, and click SUBMIT.

The screenshot shows a web form titled 'SET NEW PASSWORD' with the NVIDIA logo. It contains two input fields: 'New password:' and 'Re-type password:'. Below these fields is a list of password requirements, each with a green checkmark: 'Between 9 and 54 characters (inclusive)', 'At least one lowercase letter', 'At least one uppercase letter', 'At least one number', 'At least one special character()', and 'Password Match'. A green 'SUBMIT' button is located to the right of the requirements. At the bottom right, there are links for 'Terms & Conditions', 'Legal Info', and 'Privacy Policy', along with the text 'Copyright © 2019 NVIDIA Corporation'.

A message confirming that your password has been set successfully appears.



You will land on the Application Hub with access to both NVIDIA Licensing Portal and NVIDIA Enterprise Support Portal.




# Chapter 2.

## DOWNLOADING AND INSTALLING YOUR NVIDIA SOFTWARE

### 2.1. Downloading Your NVIDIA HPC SDK or PGI Software

Before you begin, ensure that you have your order confirmation message and have created an NVIDIA Enterprise Account.

1. Visit the [NVIDIA Enterprise Application Hub](#) by following the Login link in the instructions for using your NVIDIA Entitlement Certificate or when prompted after setting the password for your NVIDIA Enterprise Account.
2. When prompted, provide your e-mail address and password, and click **LOGIN**.

 **NVIDIA APPLICATION HUB LOGIN**

Username

Password

**LOGIN**

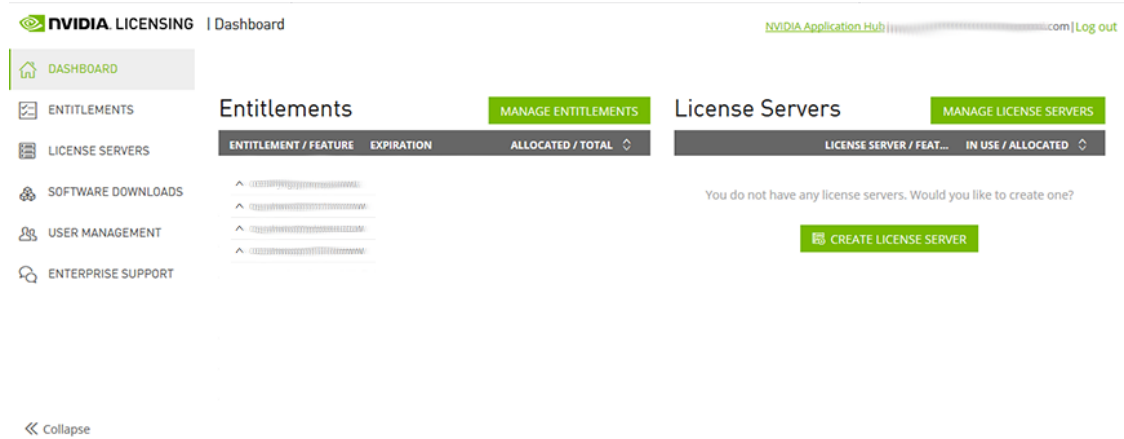
[Forgot password?](#) | [Need help?](#)

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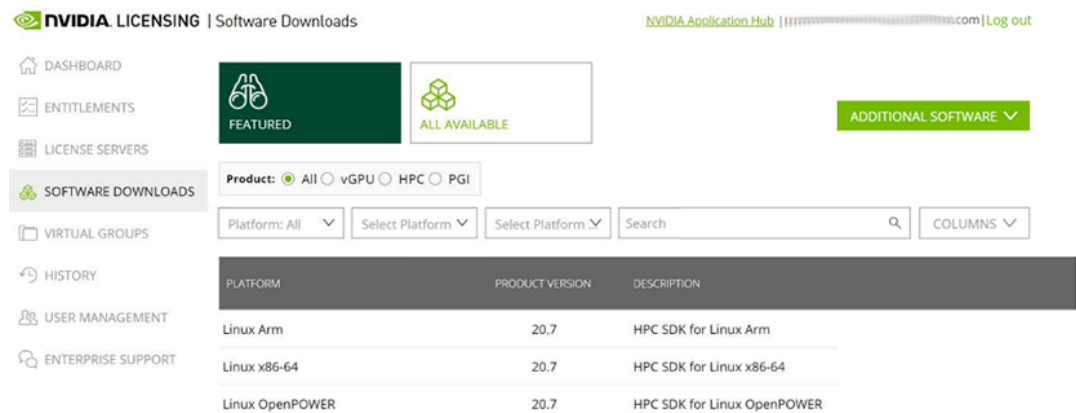
3. On the **NVIDIA APPLICATION HUB** page that opens, click **NVIDIA LICENSING PORTAL**.

The NVIDIA Licensing Portal dashboard page opens.



Your entitlement might not appear on the NVIDIA Licensing Portal dashboard page until 24 business hours after you set your password during the initial registration process.

4. In the left navigation pane of the NVIDIA Licensing Portal dashboard, click **SOFTWARE DOWNLOADS**.
5. On the Product Download page that opens, follow the **Download** link for the release, platform, version and package type of NVIDIA software that you wish to use, for example, NVIDIA HPC SDK for Linux/x86-64 RPM version 24.5.



If you don't see the release of NVIDIA HPC SDK or PGI software that you wish to use, click **ALL AVAILABLE** to see a list of all NVIDIA HPC SDK and PGI software

available for download. The “Product” box can be used to select only HPC SDK (“HPC”) or PGI. Use the drop-down lists or the search box to further filter the software listed.



For PGI software, the following archive versions are available:

Linux x86-64: 10.2 to 20.4

Linux OpenPOWER: 16.1 to 20.4

Windows: 18.10 to 20.4 (command line only)

The last PGI release was version 20.4. Product descriptions may not match those on the legacy PGI website, but provided packages contain the most features available. Some older versions of PGI are no longer available to new customers and are not provided here.

6. When prompted to accept the license for the software that you are downloading, click **AGREE & DOWNLOAD**.
7. When the browser asks what it should do with the file, select the option to save the file.
8. For PGI software only, you will also need to download a License Key. This is not required for HPC SDK software.
  1. Navigate to the SOFTWARE DOWNLOADS page as described in step 4 above
  2. Search for “PGI License Key” and download the License File for your platform. This is a text file that contains instructions for use. Open with any text editor.
  3. Save this file for use after installing the PGI software as described in the next section.

## 2.2. Installing Your NVIDIA HPC SDK or PGI Software

### 1. HPC SDK Software

1. Install per the instructions in the Installation Guide for your version available at <https://docs.nvidia.com/hpc-sdk/>.
2. There are no License Files or License Servers to setup for the HPC SDK

### 2. PGI Software

1. Install per the instructions in the Installation Guide for your version available at <https://docs.nvidia.com/hpc-sdk/pgi-compilers/>, skipping any steps regarding installation of License Files or License Servers.
2. After installation is complete, follow the instructions included within the License File from step 8 in section 2.1 above. This typically involves renaming the License File to “license.dat” for x86 platforms or “license.pgi” for OpenPOWER, and placing it in the top level PGI installation directory, e.g., /opt/pgi, replacing any existing License File that may already exist.

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