



# **Red Hat Connect for Technology Partners**

## Getting Started Guide for Product Managers and Technical Staff (preliminary release)

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## Introduction

Welcome to Red Hat Connect for Technology Partners. This guide provides instructions on how to register for the Red Hat Connect for Technology Partner program. This document will also guide you through the process of obtaining a “Red Hat Certified” designation for an application that you have made deployable via a Linux container using Red Hat technology.

The process involves preparing your containerized application so that it meets certain criteria as specified in the Red Hat Certification Policy Guide, submitting it to Red Hat for review and certification, and publishing it so that the containerized application is available for consumption.

It should be noted that the ability to maintain the certification requires a commitment to maintaining the trustworthiness of the container, i.e., updating it as needed for security or other reasons.

## Register for RHC4TP & Request Technology Partnership

Go to [connect.redhat.com](https://connect.redhat.com) and click *LOG IN* at the upper right of the page.

Click *REGISTER*.



### Join

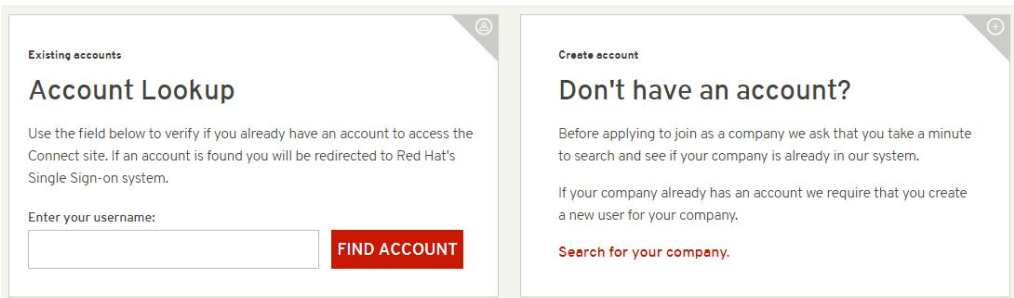
If you are new to Red Hat or Red Hat Connect for Technology Partners, register here.



Check to see if you have an existing account by searching your Red Hat account login Username.

If you do not have an existing User Account, check if your Company has an existing account by clicking *Search for your company*.

**Important note\*** If you find your company in the search field, please email [connect@redhat.com](mailto:connect@redhat.com) to find out who the Org Admin is for your company, so they can add you to the existing account.



If your company does not have an existing account, click *Can't find your company* and then click *REGISTER NEW COMPANY*.



☒ Can't find your company?

Register

Fill in all required fields and Submit.

Create a Red Hat Login

A Red Hat account gives you access to product evaluations and purchasing capabilities.

\* Indicates Required Field

Need access to an account? If your company has an existing Red Hat account, your organization administrator can grant you access. If you have questions, contact customer service.

Login Information

\* Create a Red Hat Login:

Your login is a user ID for accessing your account across all Red Hat sites. It must be at least five characters and cannot be changed once created.

\* Email Address:


\* Password:

Your password must be at least six characters long. A strong password combines lower case letters, upper case letters, numbers, and symbols.

\* Confirm Password:

Company Information

A confirmation Email will be sent

no-reply@redhat.com  
to me 

Dear Red Hat User,

This email is sent to validate the email address that you have provided for your Red Hat login. Your Red Hat login, in combination with an active Red Hat subscription, provides you with access to systems management capabilities through Red Hat Network.

To ensure the security of the account information associated with your Red Hat login, please take a moment to click through the link below and verify that we have the correct email address. If you do not confirm your email address, your Red Hat login will eventually be disabled.

To confirm your email address, please visit the following URL:

<https://www.redhat.com/wapps/ucc/confirm.html?key=CQhHBI Ki.II7.IGisiIC>

Once your Email has been confirmed, log in to your RHC4TP account at connect.redhat.com. You will be re-directed to the *Getting Started* page.

***\*if you are not redirected, please click Manage Company and then click Become a Partner***

You will now be required to complete the following sections (clicking *Next* after filling in the required information):


- Company Details
- Connect Details
- My Profile



Once these sections are completed, you will need to review and accept the Terms & Conditions.

  
**Add a Product**

Signing up is simple, easy and catch-free. Since some of the program benefits require confidentiality protection, we do ask partners to agree to the terms


 [PA\\_Technology\\_Partner\\_Program\\_20150501.pdf](#)

☒ I agree with the Technology Partner Agreement Terms \*

Back

Complete

Log in to your RHC4TP account at [connect.redhat.com](https://connect.redhat.com).  
Select the *Human* icon at the top right of the screen and select *Company Dashboard* from the dropdown menu.  
Scroll down to *Products*.  
Click *ADD A PRODUCT*.

 **Products**

Edit product information, add product logos, assign teams, see status and certification information. Add new solutions.

ADD A PRODUCT

PRODUCT NAME	PROJECT NAME (STATUS, ZONE)	PUBLISHED
--------------	-----------------------------	-----------

Fill in all required information and click *SUBMIT*.







### Create partner product

Product Name \*

Brief Overview \*

Product Description \*

Format

**B** **I**      

body p

Content limited to 32768 characters, remaining: 32768

Switch to plain text editor

☐ Use Company Logo

Product Logo

Choose File

No file chosen

Upload

Files must be less than 5 MB.

Allowed file types: png gif jpg jpeg.

Product URL \*

Download URL

**\*If your Product requires more than one container, add the container names separately under Product Version. Example:**

Partner Product Versions \*

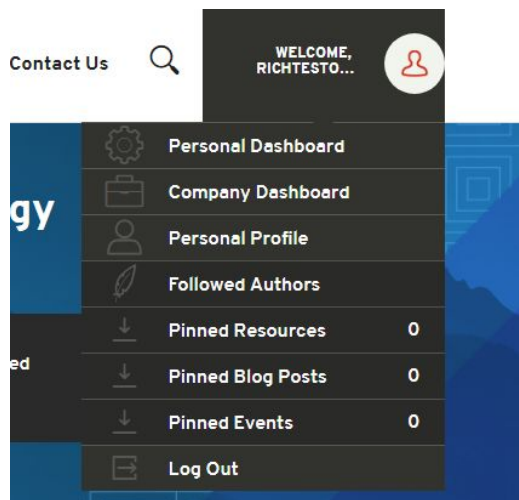
PRODUCT VERSION	OPERATIONS
App 1.x	<div>Remove Edit</div>
DB 1.x	<div>Remove Edit</div>
App 5.x	<div>Remove Edit</div>
<div>Add new Version</div>	

The product information you enter will be used to feed the certified product catalog after certification is complete and approved by Red Hat.


### Add a New User to RHC4TP Account

Login to your RHC4TP account at [connect.redhat.com](https://connect.redhat.com)

Click on the *Human* icon at the top right of the page and select *Company Dashboard* from the drop-down menu.



Scroll down to *Users* and click *Manage Users*.

 **Users**

MANAGE USERS 

View and manage company users. The five most recently created users are listed.

USER NAME	EMAIL	USER TYPE	DATE CREATED	LAST ACCESSED
Ritchie Bernier	richard.bernier	Org Admin	12/11/2017	12/12/2017

[View All Users](#)

Click *Add New User*

User List

[Edit](#) · RichTestOnly2017


[Add New User](#)

ACTIVE | INACTIVE | ALL

Displaying 10 users per page

0 users selected from table

Filter

	Username	First Name	Last Name	Position	Department	Created	Updated
No user entries were found.							

No user entries were found.

Fill in required information, then click *Save*.

Create New User

[Return to user list](#)

Name:

Greeting:

\* First name:

\* Last name:


Suffix:

***\*For a User to access software and certification tools, you must check the Organization Administrator (Org Admin) box. Multiple users can be Organization Administrators.***

## Request Software Access

Log in to your RHC4TP account at [connect.redhat.com](https://connect.redhat.com).  
Scroll down to the **As a program member you receive** section and click *Learn more* under *Software access*.


### As a program member you receive



**Software access**

No cost Red Hat software subscriptions (also called NFR's) for our program partners to help grow our joint businesses.


[Learn more >](#)



**Technical resources**

Access information to increase your knowledge about Red Hat Products and Technologies.

[Learn more >](#)



**Access to zones**

Zones are special-interest areas for partners of varying types to get privileged access to information and activities.

[Learn more >](#)

On the Red Hat Software Access Page, scroll down to *PLATFORMS* and click *Request Subscription* under the software you need

**PLATFORMS**

**RED HAT ENTERPRISE LINUX**

**On Premise**

Request a subscription of Red Hat Enterprise Linux and Red Hat Virtualization. Access will be granted to your Red Hat account, and you will receive an email notification.

[Request Subscription >](#)

**PLATFORMS**

**RED HAT VIRTUALIZATION**

**On Premise**

Request a subscription of Red Hat Virtualization. Access will be granted to your Red Hat account. You will receive emails to notify you about the status of your request. If you have requested access to Red Hat Enterprise Linux through our program, Red Hat Virtualization has already been included.

You will receive an email once software access has been granted.

## Access granted software entitlements

- Go to [access.redhat.com](https://access.redhat.com)
- Click Downloads under Quick links at the bottom of the page
- Choose the product family
- Then follow the instructions to download

## Request Zone Access

When you're ready to certify your product on Red Hat Software, you will need to request Zone access and then create a Certification Project.

- Go to [connect.redhat.com](https://connect.redhat.com) and click *LOG IN* at the upper right of the page.
- Click on company dashboard
- Then edit company profile
- Complete all mandatory fields marked with an \* and then save
- Click on *Zones* at the top of the page.
- Scroll down to *Join a Zone*.
- Under the Zone you wish to join, click *APPLY FOR ZONE ACCESS*.

**Join a Zone**

Apply for Zone Access to one or more Red Hat Zones listed below. Each Zone may have additional terms and conditions specific to that Zone, that will require acceptance for entry. You will be notified of your Zone application status within the next 48 hours.

**PLATFORMS**

**RED HAT ENTERPRISE LINUX**

Provide customers with enterprise-ready reliability, long term support and proven business value via the industry's leading commercial Linux Platform.

[APPLY FOR ZONE ACCESS](#)

**PLATFORMS**

**CONTAINERS**

Transform application delivery, address scalability needs and iterate faster across hybrid environments.

[APPLY FOR ZONE ACCESS](#)

**MIDDLEWARE**

**RED HAT MIDDLEWARE**

Innovate faster and smarter with light-weight, cloud-friendly Red Hat middleware.

[APPLY FOR ZONE ACCESS](#)

You will be notified via Email upon approval of your Zone Request.



## Create a Certification Project

Log in to your RHC4TP account at [connect.redhat.com](https://connect.redhat.com).  
Select Zones at the top of the page.  
Scroll down to the Zone you wish to create the Project under and click *Create a Project*.



Complete the required fields and click *SUBMIT*.

Project Name \*

Product \*

- Select a Product -

Product Version \*

- Select a Version -

Release Category \*

Generally Available

Red Hat Product \*

- Select a Red Hat Product -

Red Hat Product Version \*

- Select a Red Hat Product Version -

SUBMIT

For RHEL & Middleware Projects, complete the Certification Checklist and select *PUBLISH*.

Align

→

Build

→

Validate

☐

Sign the Technology Partner Agreement

☐

Make sure your **company profile** is current

☐

**Request access** [↗](#) to Red Hat Enterprise Linux

☐

Get familiar with **Red Hat Enterprise Linux** [↗](#)

☐

Review the **RHEL ABI compatibility guide** [↗](#)

☐

Determine if **Software Collections** [↗](#) are right for your application

☐

Verify the functionality of your application on RHEL

☐

Make sure your **product profile** is complete for publication

☐

Confirm that you commercially support your application on RHEL

PUBLISH

***\*You will be contacted within 2 business days with the link to the Catalog entry for your Product.***

For OpenStack Projects, complete the Certification Checklist and select *REQUEST CERTIFICATION*.

Align

→

Build

→

Certify

☐

Check if your product is a **target for certification**

☐

Get familiar with the **Red Hat OpenStack Certification Policy** [↗](#)

☐

Request **software access** for Red Hat Enterprise Linux OpenStack Platform

☐

Get familiar with **Red Hat OpenStack Platform** [↗](#)

☐

Install **Red Hat OpenStack Platform** [↗](#) in your test environment

☐

Complete your product profile information.

☐

Validate the functionality of your product on this OpenStack release

☐

Bookmark the **certification tool guide** [↗](#). You'll need it for the next phase.

REQUEST CERTIFICATION

***\*You will be contacted within 2 business days to discuss your submission and walk you through the next steps.***



## Primed & Container Certification

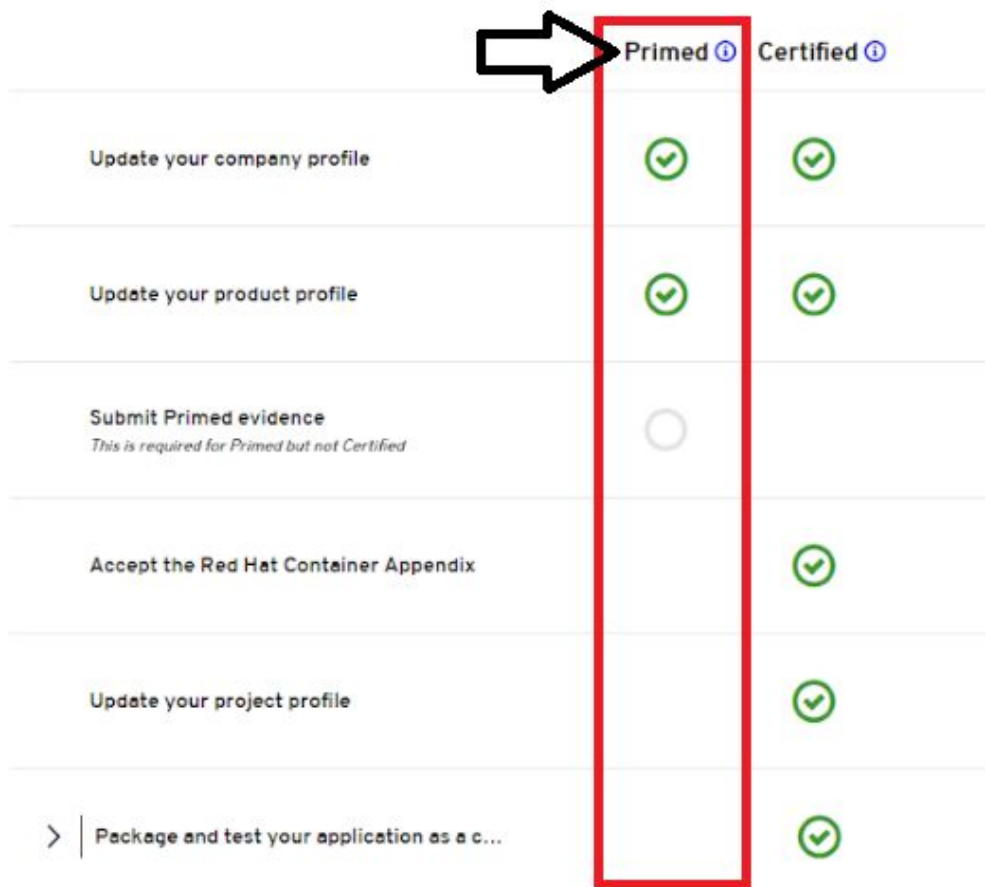
To find the Checklist for Primed and Container Certification go to your Project Page and select Certification Checklist located on the left menu under Actions.



### Primed

Primed is a technical readiness designation for applications that interoperate with OpenShift. Through Primed, partners indicate that they have verified their product’s functionality on OpenShift, taking the first step towards the ongoing commitment of container certification. Primed is also the suggested path for products that integrate with OpenShift but are not packaged as containers.

To achieve the Primed designation, complete the Primed section of the Container Checklist



### Container Certification Checklist

Certified containers are applications that meet Red Hat’s best practices for packaging, distribution and maintenance. Certified containers imply a commitment from partners

to maintain their images up to date and represent the highest level of trust and supportability for Red Hat customers container-capable platforms, including OpenShift

For Container Certification, complete the *Certified* section of the checklist and publish the image. The certified container will be published in the Red Hat Container Catalog (RHCC)

Example of Container Checklist in progress:

	Primed ⓘ	Certified ⓘ	
Update your company profile	✓	✓	EDIT
Update your product profile	✓	✓	EDIT
Submit Primed evidence <i>This is required for Primed but not Certified</i>	○		START
Accept the Red Hat Container Appendix		✓	EDIT
Update your project profile		✓	EDIT
> Package and test your application as a c...		✓	EDIT

**Container Checklist**

The certified container will be published in the Red Hat Container Catalog (RHCC) along with containers published by Red Hat and those published by other software companies. The RHCC is the public-facing website that showcases the containerized applications suitable for enterprise consumption. RHCC pages will allow for publishing information about the partner company, and company’s products, as well as technical information about the containerized application. There will also be a way to link in assets from the partner company (by URL) that provide additional information about the product, for example a datasheet, a solution brief, a pre-recorded webinar, a case study, etc. The data populating the RHCC is sourced from the Connect site. Therefore, it is important to review the company and product entries on Connect prior to publishing the container to RHCC.

Before your image gets published you must complete the Certification Checklist. Once all items are completed and your image has passed the scan, you will be able to publish to the Red Hat Container Catalog. Each item on the Checklist has more information, you can select the drop down arrow located to the left of each item to Learn More.

**Container Checklist**

In order to certify and publish your container to the Red Hat Container Catalog, you will need to complete the following items.  
View the [Container Certification Guide](#).

Primed ⓘ Certified ⓘ

▼ Update your company profile ✓ ✓ EDIT

Make sure all information is up to date and completed in the Company Profile page.  
[Learn more >](#)

**\*Note:** that only images that have passed the scan result will be able to be published.  
Container Certification Policy Guide, click [here](#)

## Red Hat Partner Logo

To download the *Red Hat Technology Partner logo*, please go to <https://connect.redhat.com/benefits/marketing>

If you have a product certified on Red Hat Technology, please contact us at [connect@redhat.com](mailto:connect@redhat.com) so that we can send you the *Certified Product* logo.

Please contact [connect@redhat.com](mailto:connect@redhat.com) for any questions or concerns.

## Uploading your Image

There are two ways to Upload your Image. The recommended approach is through the build service. In order for you to use this, your application must be accessible through GitHub/GitLab. If your application is not accessible through GitHub/GitLab you can also manually upload your image.

## Build Service

Build service allows Red Hat to build your container and upload it automatically through the portal. In order for you to use this, your application must be accessible through GitHub/GitLab.

### To Use Build Service:

- Login to the Portal and go to your projects page
- On the left side menu bar, under **Actions**, select **Build Service**
- Select the tab **Configure Build Service**
- Turn the switch from OFF to ON and fill the necessary information. Use **Auto Rebuild** to automatically rebuild your container when an underlying Red Hat base image is update
- Click Submit

Start New Build

DetailsConfigure Build Service

Configure Build Service

Red Hat Container Build

Red Hat can automatically build your container.

ON

Auto Rebuild

Automatically rebuild your container when an underlying Red Hat base image is updated. Auto-publish is required and will be enabled when Auto Rebuild is on.

ON

Auto-publish is always enabled when auto-rebuilding is enabled.

Git Source URL

https://github.com/user\_1/myrepo

The URL to the source used for the build. For example "https://github.com/openshift/ruby-hello-world"

Dockerfile Name

Dockerfile

A different filename other than the default Dockerfile (for example, MyDockerfile), or a path to a Dockerfile in a subdirectory (for example, dockerfiles/appl/).

Source Code SSH Key

If the source code repository requires authentication, provide a SSH key to be used for access.

Context Directory

If the application exists within a subdirectory, the default location (the root directory) can be overridden using this field.

Branch

master

The specific Git branch to checkout.

SUBMIT

- Select Start New Build blue button located on the right side
- Create a Tag number and click submit

Tag Name \*

An image tag name is subject to the following restrictions:

- Must be valid ASCII.
- Cannot contain special characters other than underscores, periods and hyphens (-).
- Must not start with a period or a hyphen (-).
- Must be 32 characters or less.

Cancel

SUBMIT

Red Hat is now building your container. Once it is completed you can go to Container Project Status to view the Status of your container.

**NOTE: The Build Service must first be completed before it can begin the scanning process for certification. If your Build Service fails or does not complete, make sure the details you entered under the Configure Build Service tab is correct.**

### Manually Upload your Image

This information can be located in the Upload Your Image tab on the Projects page. Cut and paste the following line to your terminal.

```
# docker login -u unused -e none scan.connect.redhat.com
```

When prompted for the password copy and paste the **Registry Key** located on the **Upload Your Image** tab in the project. This Registry Key is unique per project, please make sure you are using the correct password for the project you are working on.

Actions

[Container Project Status](#)

[Project Settings](#)

[Certification Checklist](#)

[Build Service](#) BETA

Container Resources

[Container Certification Policy Guide](#)

[Partner Build Service for Containers](#)

[V2 API Guide](#)

Container Information

Upload Your Image

### Upload your Image

In order to certify your containerized application, you must first push it to Red Hat's inbound certification registry. Once your image has been pushed to the inbound registry, it will automatically be scanned and the results of the certification test will be available for you to view.

The following commands will allow you to login to the registry, tag your image and push your image.

To view a list of the containers you have pushed, navigate to the "Container Information" tab.

To view scan results, click on the "Detail" link next to any container on the "Container Information" tab.

**Container Registry Login:**

The inbound certification registry requires authorization. The following command will allow you to authenticate to the registry. You will be prompted for a password. Use the registry key that is provided in the following section. You may also provide a -p [registry] option to prevent the need for interaction, such as for use in a script.

Copied

```
docker login -u unused -e none scan.connect.redhat.com
```

## Top 5 FAQs

### 1. Who can upload images through the Portal?

- A. The administrator account created for your organization may upload images. However, this account may grant permissions to other user accounts so that those accounts may also upload images.

### 2. Can I change the Product Version after I created a Project?

- A. No you cannot; therefore make sure you set it up correctly before starting any project with that product version. Keep in mind that the product version should be considered as the name of the image, the version can be specified later on when you Tag your image during the project.

### 3. Can a container be built on another version of Linux other than Red Hat?

- A. No, the Red Hat certification is a validation that the container, which is a combination of application software and Linux, is made of genuine Red Hat parts. Currently, Red Hat has just a little over one million paying customers today. Our customers do not use other versions of Linux and pay us for the services and support we provide to them. Therefore, your container needs to be built on a version of Red Hat Linux.

### 4. Will the catalog support an ISO or virtual machine image as the container image?

- A. No, this certification process is specifically for containers. Therefore, your image needs to be in Dockerfile format. You can find an example provided by Red Hat Engineering: [Dockerfile Examples](#)

### 5. What path should my licenses be on?

- A. Should be on / (the root or home directory of where the application resides). You can find an example provided by RH Engineer: [Dockerfile Example](#)

For a full list of FAQs please visit: <http://people.redhat.com/~pchrste/.faq/>