In this lesson, you will learn how to work with the [OpenShift](#) web console to install and run an application from a [Linux](#) [container](#) image stored on a container image repository.

What you need to know

In order to get full benefit from taking this lesson, you need to:

- Understand what a container image is and how it is used to create a Linux container.

- Understand the nature and purpose of container image repositories such as quay.io.

- Understand how to access the OpenShift web console.

- Understand the basics of the features available to users in the **Administrative** and **Developer** perspectives.

- Understand the relationship between OpenShift and [Kubernetes](#).

What you'll be doing

In this lesson you will learn:

- How to use a web console to import a Linux container image from a container image repository.

- How to use the web console to get the application up and running from a Linux container.

- How to remove an application from OpenShift using the web console.

In addition to providing the capability to install an application from source code, the OpenShift web console allows you to install an application from a Linux container that's stored in a container image repository. The following steps show you how to identify and install an application from a Linux container that's stored in the quay.io container image repository.

Identify the container image to install

1. Using your web browser, navigate to the [Developer Sandbox](#) and select **Start your Sandbox for free** (Figure 1).
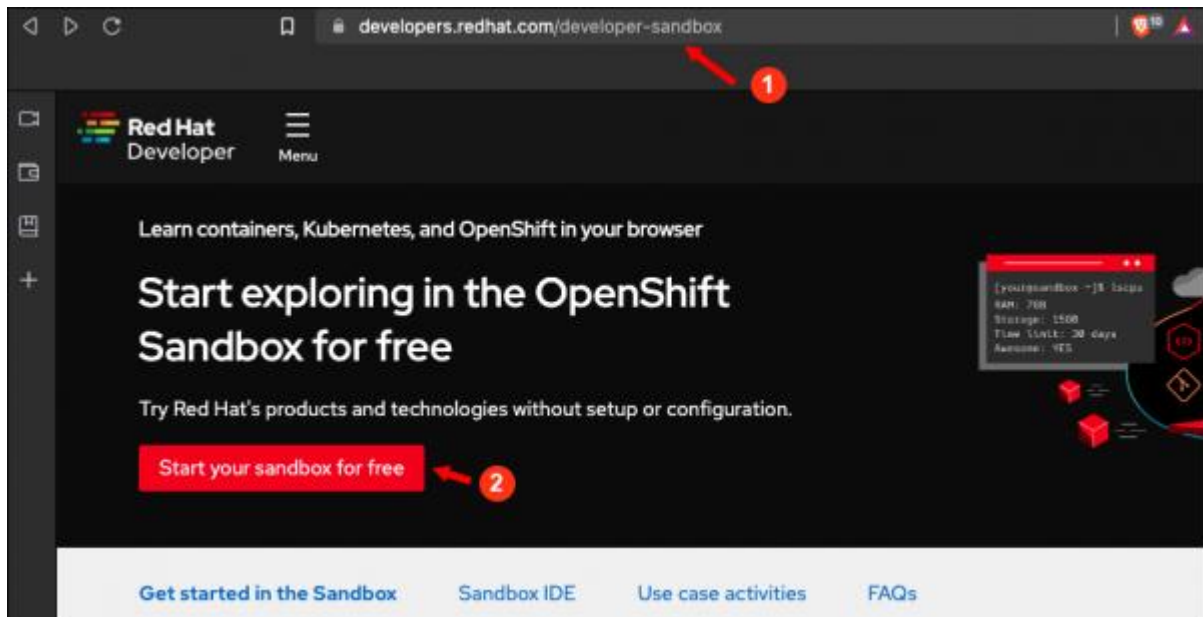
Figure 1: The entry point for access to the Developer Sandbox.

2. Provide the username and password for your Red Hat account in the Developer Sandbox (Figure 2).

Figure 2: Log into the OpenShift web console with the username and password associate with your account on Red Hat.

3. Click the **+Add** button on the left side menu bar. Scroll through the Add web page to **Container images** (Figure 3).
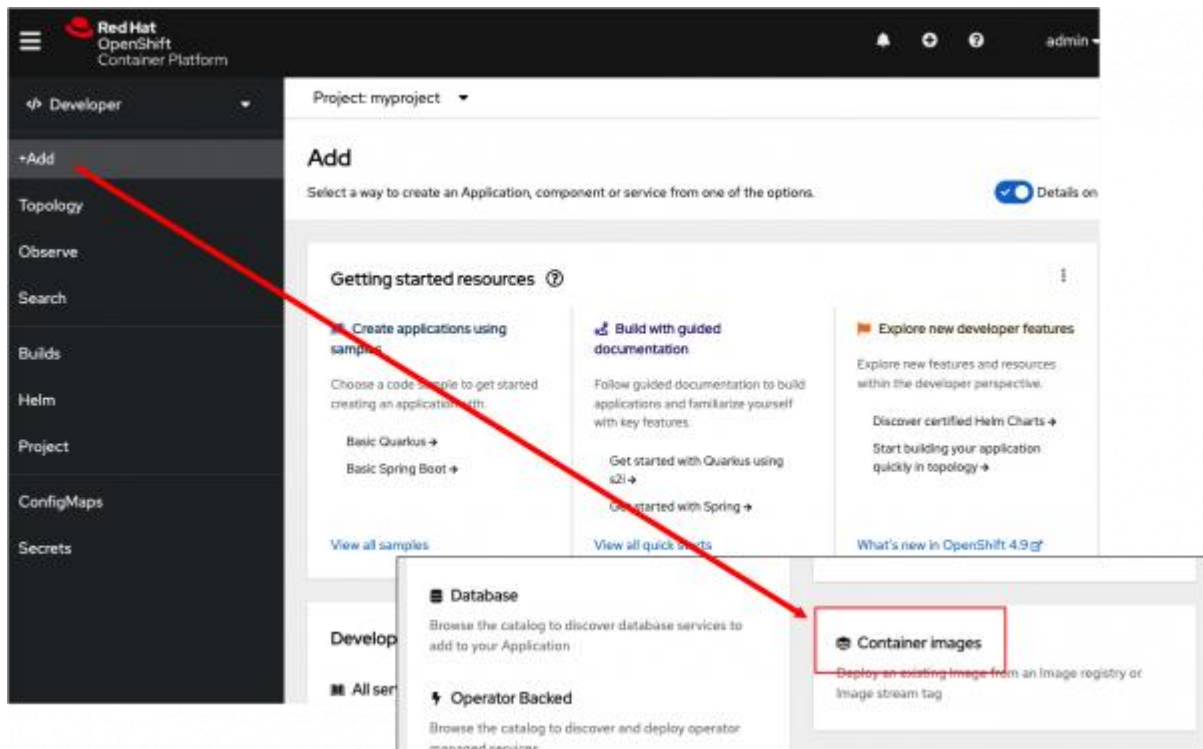
Figure 3: Select Container images to open the Deploy images web page and install an application from a container image.

4. The Deploy Image tab appears. This is where you declare the location of the container image according to a public container image repository. This container image represents the application to install in OpenShift.

5. Add the following text in the Image name from an external registry field (Figure 4):

quay.io/openshiftroadshow/parksmap:1.3.0

Figure 4: Enter the fully qualified name of the image.

6. Scroll to Deploy and select **Deployment** as the Resource type (Figure 5, Callout 1). Select **Create** (Figure 5, Callout 2). OpenShift will download the given container image

from the container image repository and execute the process of creating and running the container based on the container image.

Figure 5: Select the Resource type and create the container.

7. You are now on the Topology page, which will display a circular graphic that represents the application you just installed using a container image (Figure 6).
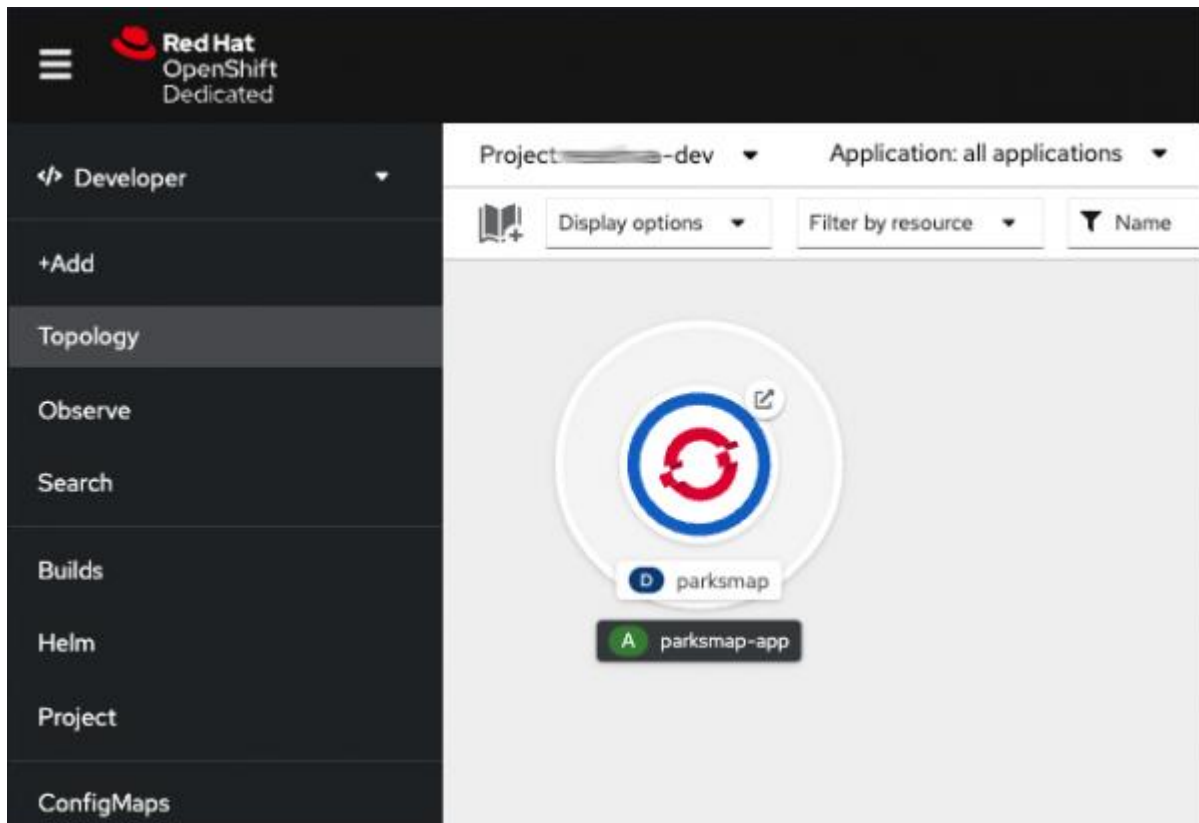
Figure 6: An application is represented by a circular graphic in Topology view of the OpenShift web console.

Access the application in a web browser

Once an application is created from the container image as described in the previous steps, you can view the application in a web browser, provided that the application is a web application represented with a URL.

To open the Parks App application you just installed, click the **icon** in the upper right corner of the circular graphic (Figure 7).
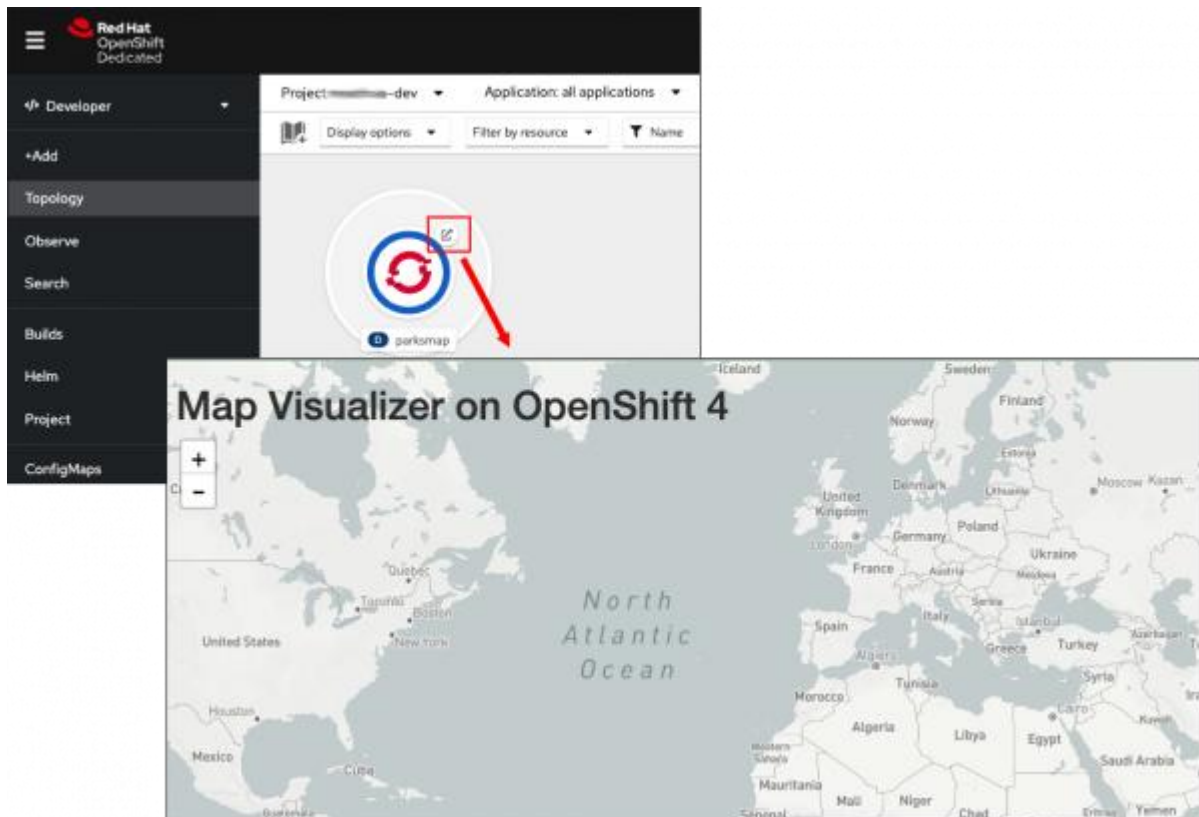
Figure 7: Click the URL icon on the upper right of the application graphic to open the application in a web browser.

The application will open a new window in your browser.

Delete the application using the OpenShift web console

You can delete an application running in OpenShift by right-clicking on the **circular graphic** representing the application in Topology view and selecting the **Delete Application** text from the dialog that appears when you click the graphic's **outer ring**.

1. Right-click on the outer ring of the circular icon, then select **Delete Application** (Figure 8).
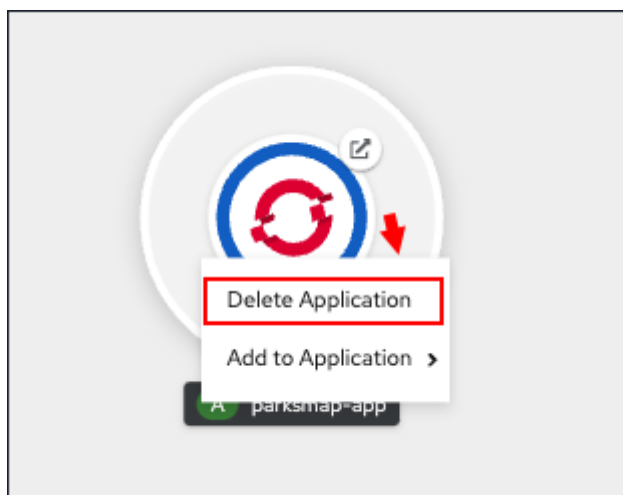

Figure 8: Right-click the outer ring of the application graphic to display the Delete Application dialog box.

2. A dialog will appear asking you to confirm that you want to delete the application. Enter the application's name (Figure 9).
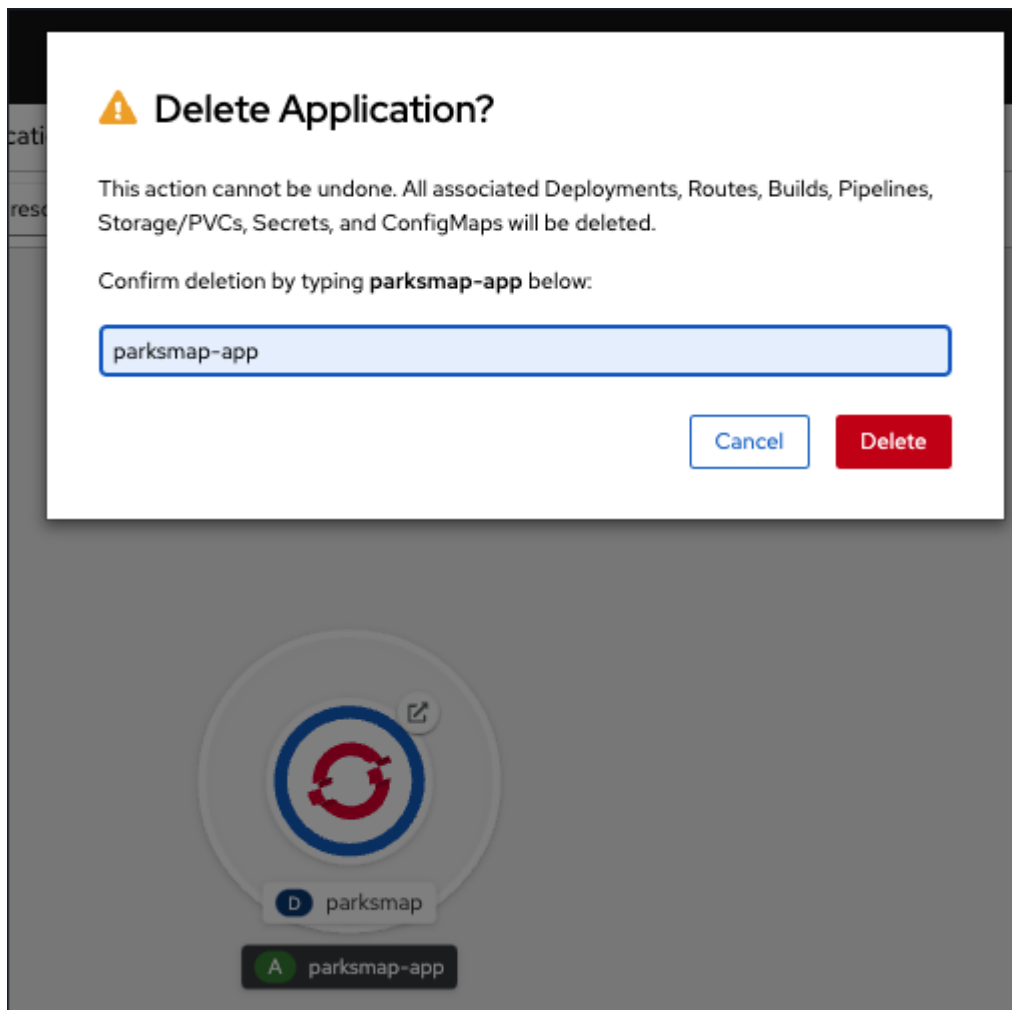

Figure 9: Deleting an application using the OpenShift web console requires confirmation.

Congratulations. You've completed this lesson!

Summary

In this lesson, you learned how to install an application from a container image using the OpenShift web console. You learned how to access the Deploy Image web page and then declare the URL for a container image hosted on a public container image repository. Once you clicked the **Create** button, OpenShift downloaded the container image and created a Linux container using that container image. That container image represents a web application running in the OpenShift Cluster.

You also learned how to view the web application that represents the application running in Developer Sandbox.

Finally, you learned how to use the web console to delete the application from Developer Sandbox.