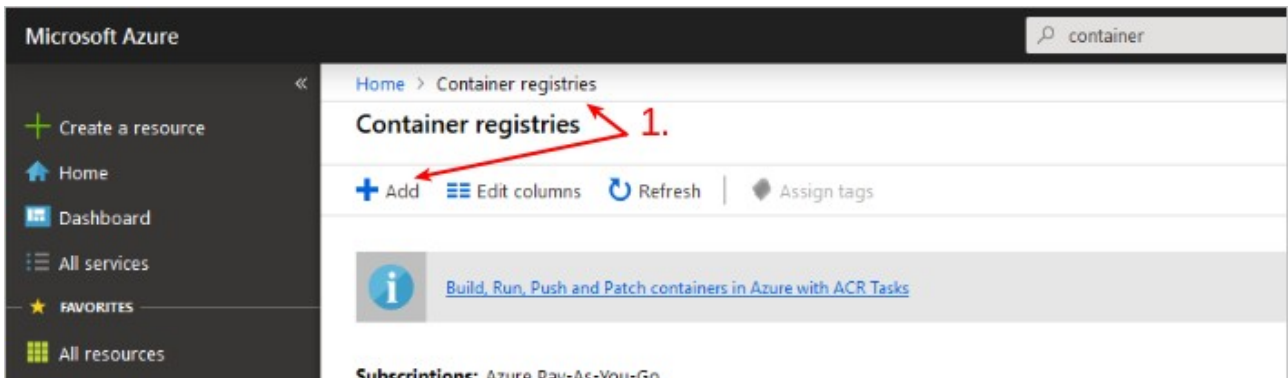


Registry Manager with Azure

The Registry Manager Extension allows you to manage an Azure registry in Portainer.

Create a Registry in Azure

- **Step 1:** From your Azure management portal navigate to Container Registries and then click + Add to add a new registry.



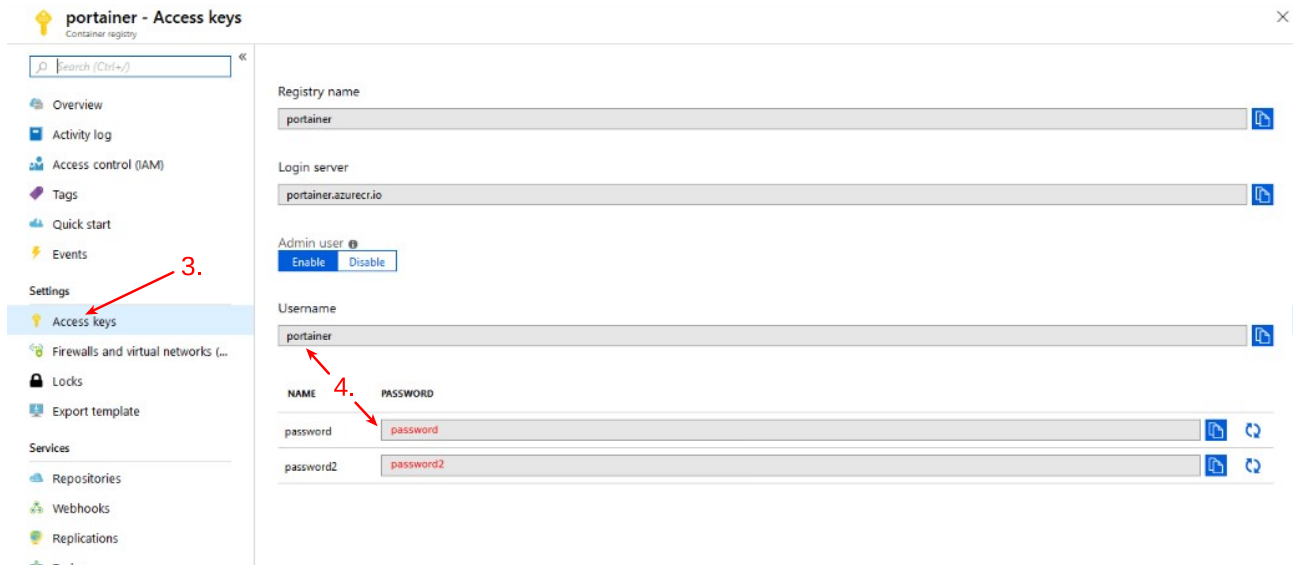
Creating a registry from the Azure management portal

- **Step 2:** Give the registry a name, add it to a resource group and enable the admin user.

A screenshot of the 'Create container registry' form in the Azure portal. The form has several fields: 'Registry name' (with a green checkmark and '.azurecr.io' suffix), 'Subscription' (set to 'Azure Pay-As-You-Go'), 'Resource group' (set to 'Portainer' with a 'Create new' link), 'Location' (set to 'Australia Southeast'), 'Admin user' (with 'Enable' and 'Disable' buttons), and 'SKU' (set to 'Standard'). Red arrows labeled '2.' point to the 'Registry name', 'Resource group', and 'Admin user' fields.

Configuring the registry

- **Step 3:** Select the new registry to open its management screen, and then select Access Keys.
- **Step 4:** Take note of the username and password.

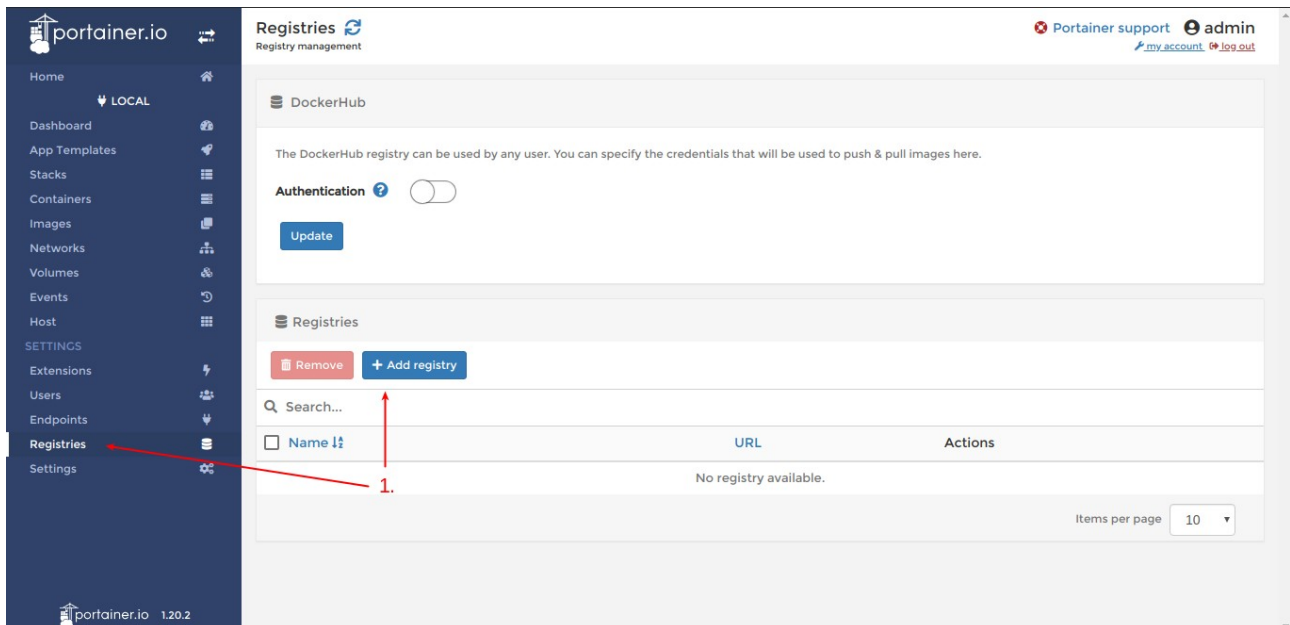


Credentials used to log into the registry

Note: You can now Close the Azure Management Portal

Adding a registry into Portainer

- **Step 1:** Navigate to the Registries View and click the Add registry button.



Adding a registry from the Registries view

- **Step 2:** Select the Azure container registry tab and fill in required details, using the admin username/password obtained in the prior section.
- **Step 3:** Finally, click the Add registry button to add your registry.

Create registry
Registries > Add registry

Registry provider

☐ Quay.io
Quay container registry

☒ **Azure**
Azure container registry

☐ Custom registry
Define your own registry

Azure registry details

Name: Portainer-Azure-Registry

Registry URL: portainer.azurecr.io

Username: portainer

Password:

Actions

Configuring Azure registry

Result: You should see a green confirmation message appear in the top right of the screen if the registry was successfully added. You should also now see your registry in the Registries list.

Registries
Registry management

☒ **Registry successfully created**

DockerHub

The DockerHub registry can be used by any user. You can specify the credentials that will be used to push & pull images here.

Authentication: ☐ ☐

Registries

Search...

<input type="checkbox"/> Name	URL	Actions
<input type="checkbox"/> Portainer-Azure-Registry authentication-enabled	portainer.azurecr.io	<input type="button" value="Manage access"/> <input type="button" value="Browse"/>

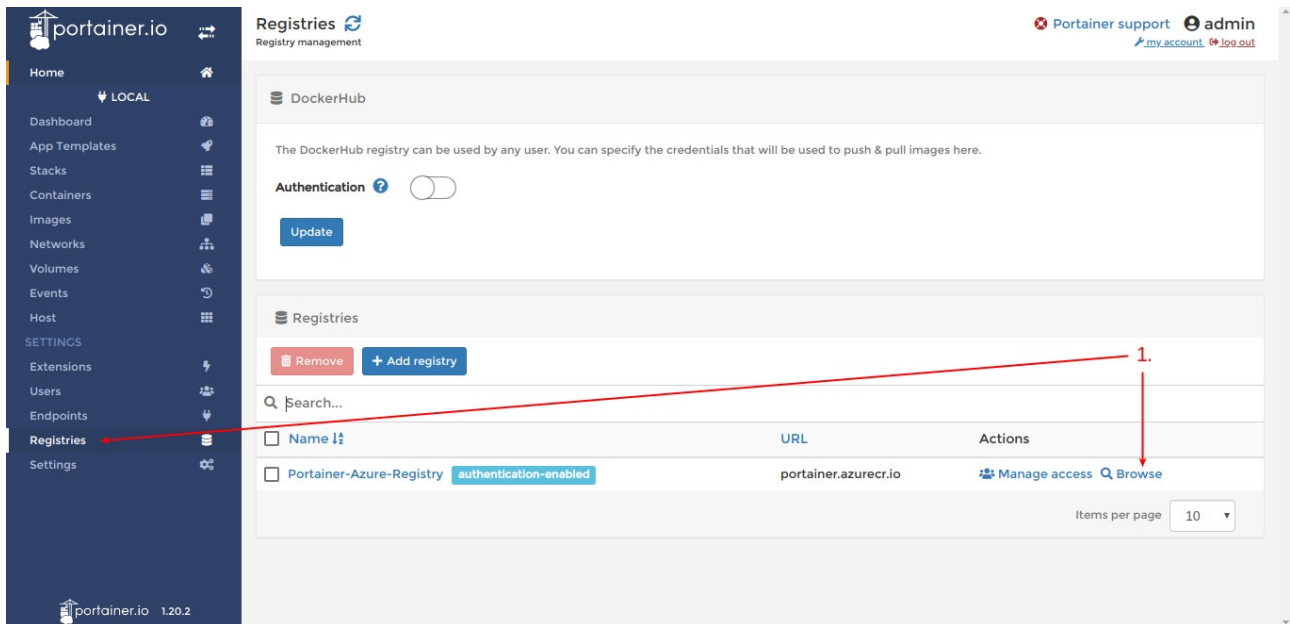
Items per page: 10

Registry successfully added

Using the registry management extension

The registry management extension enables advanced registry management features from within Portainer and is used to browse a registry.

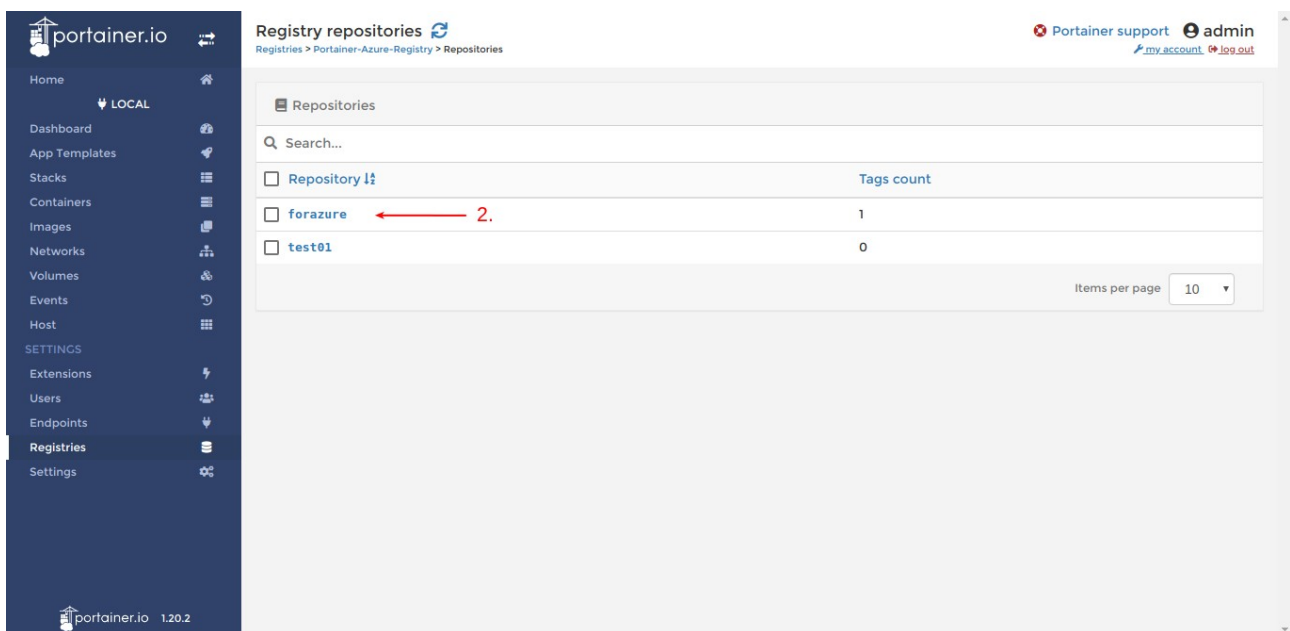
- **Step 1:** Once you have brought and enabled the Registry management extension , navigate to the Registries view and click on the Browse button for the registry you wish to browse.



Browsing a registry from the Registries view

Note: Docker refers to images as repositories within a registry. A repository stores the different versions of the image based on the tag they have.

- **Step 2:** Click on the image repository you would like to manage.



Selecting an image repository when browsing a registry

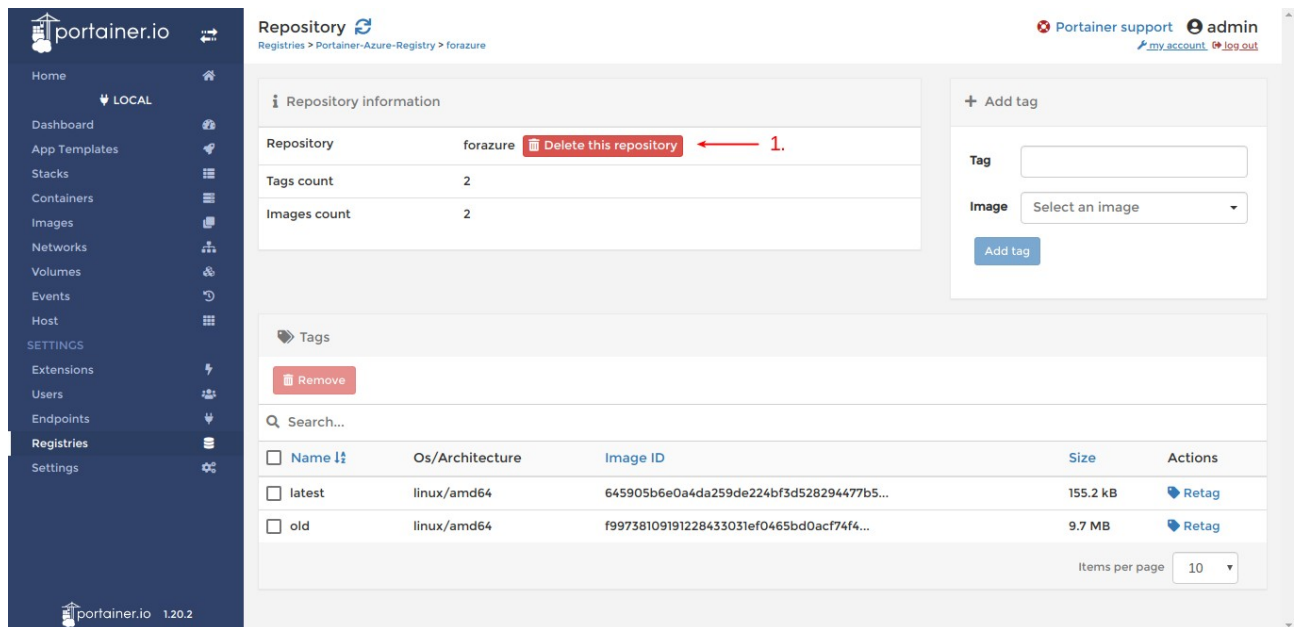
Registry management view

Clicking on a repository will bring you to the Repository view. Here you can use the various features of the Registry Management extension including:

- Deleting the repository
- Adding a tag
- Removing a tag
- Renaming a tag

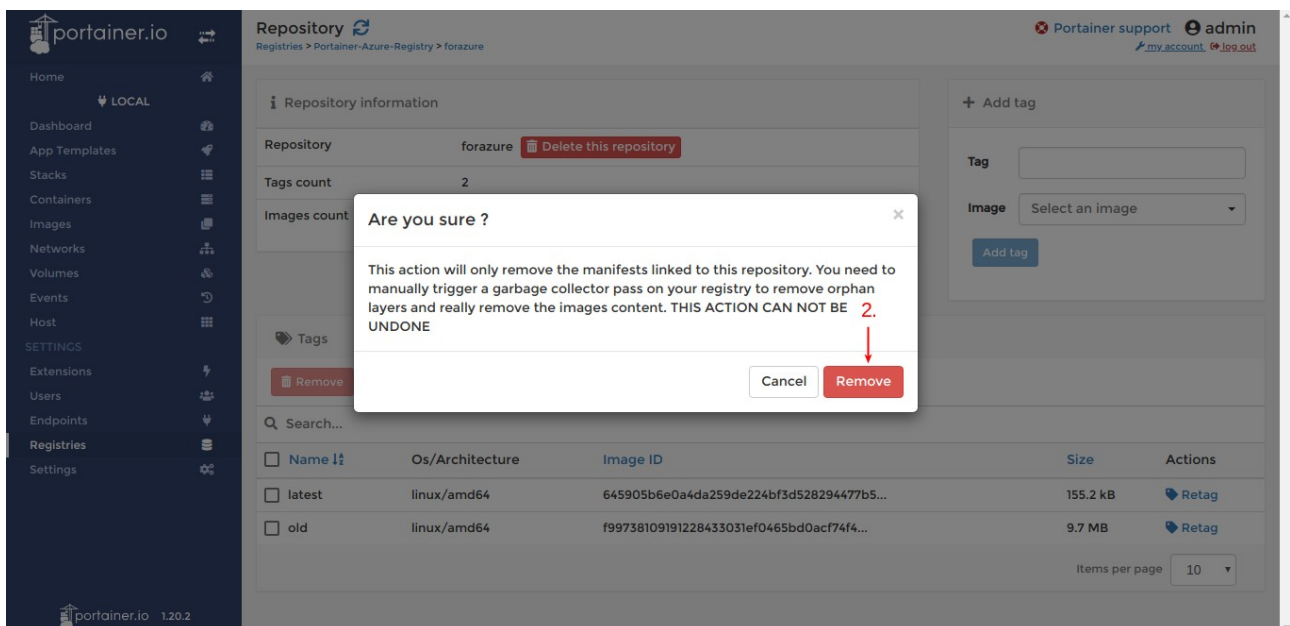
Deleting a repository

- **Step 1:** Click the Delete this repository button.



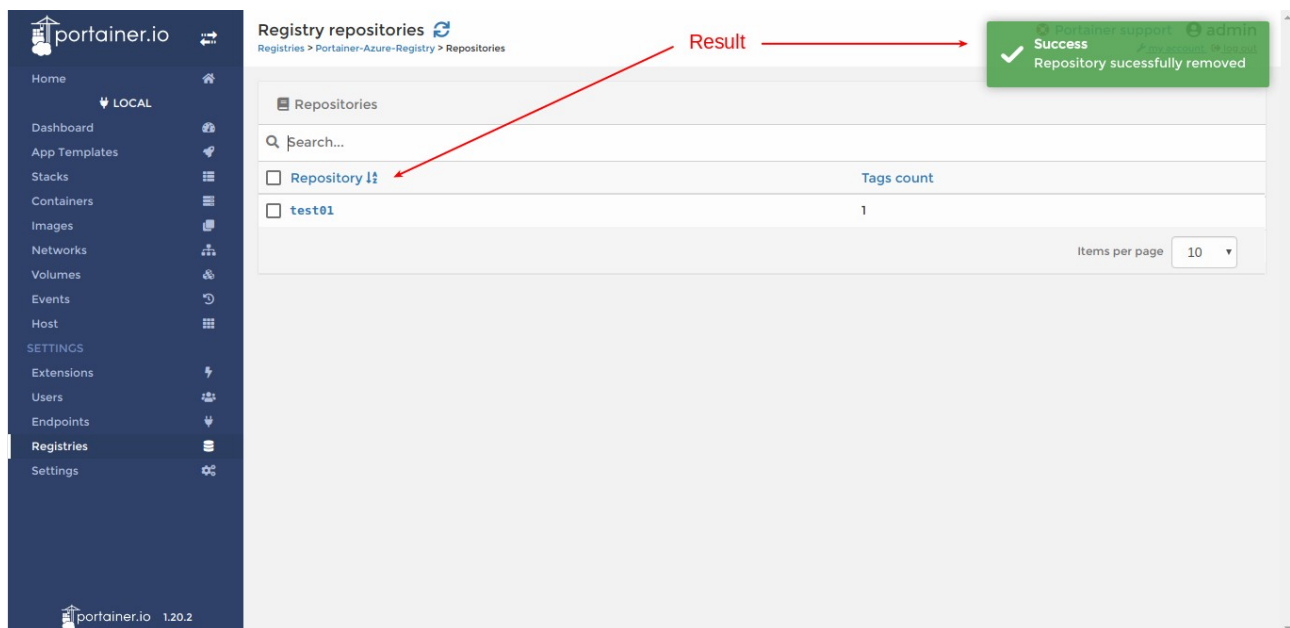
Deleting an image repository within the Repository view

- **Step 2:** You will be prompted to confirm deletion of the repository.



Confirmation that you want to delete the repository

Result: You should see a green confirmation message appear in the top right of the screen if the repository was successfully deleted. You should also no longer see the repository in the repositories list.

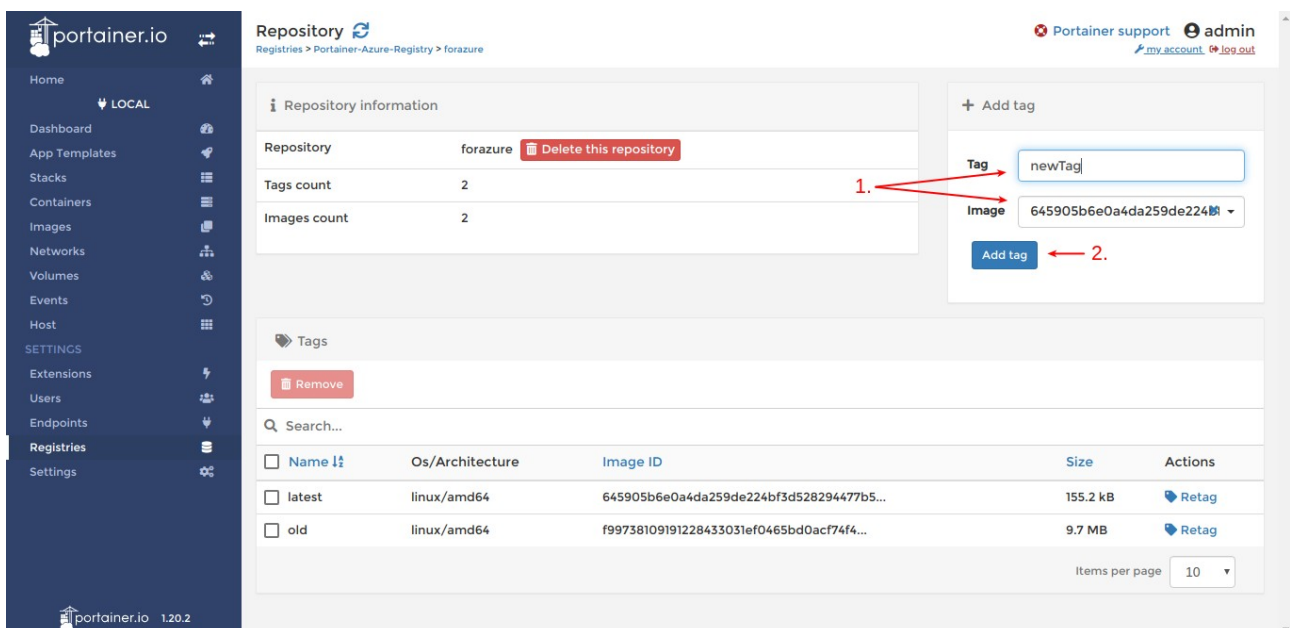


Repository successfully deleted

Adding a Tag

- **Step 1:** Enter a name for the tag and select the image you would like to tag from the drop down list.
- **Step 2:** Click the Add tag button.

Note: If an existing tag name is used to tag a different image, the image associated with the tag will be replaced with the specified one.



Adding a tag to an image

Result: You should see a green confirmation message appear in the top right of the screen if the tag was successfully added to the image. You should also now see the tagged image present in the Tags list.

The screenshot shows the Portainer.io interface. On the left is a dark sidebar with navigation links. The main area is titled 'Repository' and shows details for 'forazure'. Below this is a 'Tags' section with a table listing tags: 'latest', 'newTag', and 'old'. A red arrow points from the 'newTag' row to a green notification box in the top right corner that says 'Success Tag successfully added'.

Name	Os/Architecture	Image ID	Size	Actions
<input type="checkbox"/> latest	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input type="checkbox"/> newTag	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input type="checkbox"/> old	linux/amd64	f99738109191228433031ef0465bd0acf74f4...	9.7 MB	Retag

Tag successfully added to specified image

Removing a tag

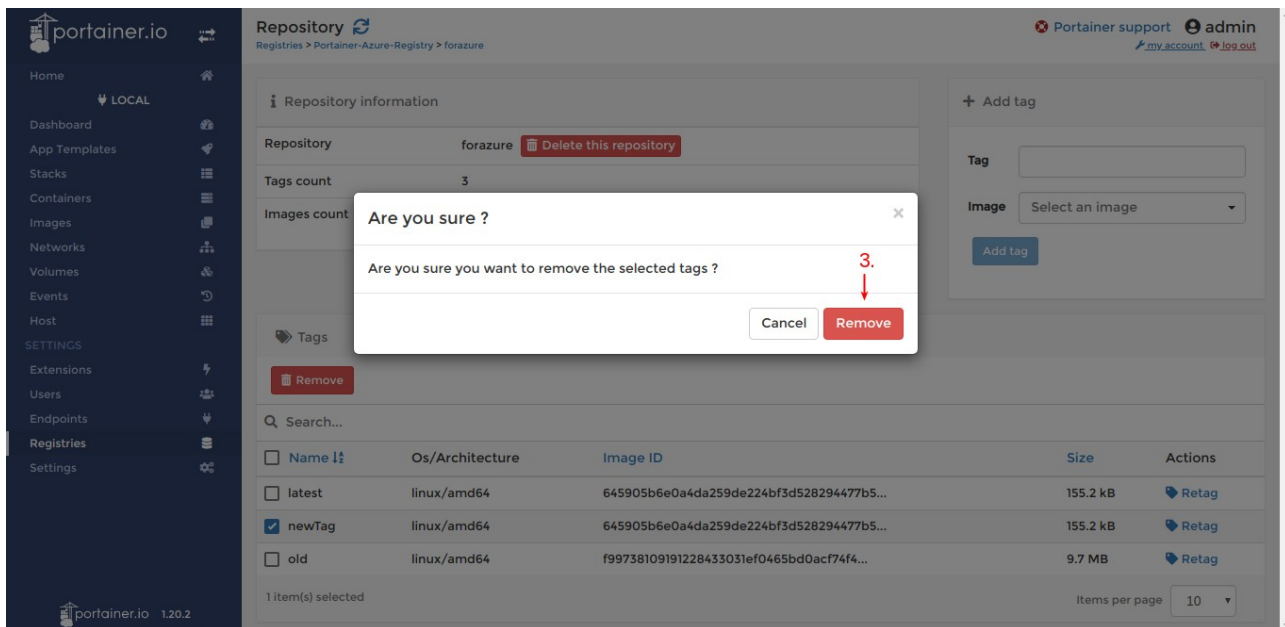
- **Step 1:** Click the checkbox beside the tags you would like to remove (you can click the top checkbox to select all).
- **Step 2:** Click the remove button to remove all selected images.

The screenshot shows the Portainer.io interface. In the 'Tags' section, the 'newTag' row has its checkbox selected. A red arrow points from the 'Remove' button to the 'newTag' row. Another red arrow points from the 'newTag' row to the 'Remove' button.

Name	Os/Architecture	Image ID	Size	Actions
<input type="checkbox"/> latest	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input checked="" type="checkbox"/> newTag	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input type="checkbox"/> old	linux/amd64	f99738109191228433031ef0465bd0acf74f4...	9.7 MB	Retag

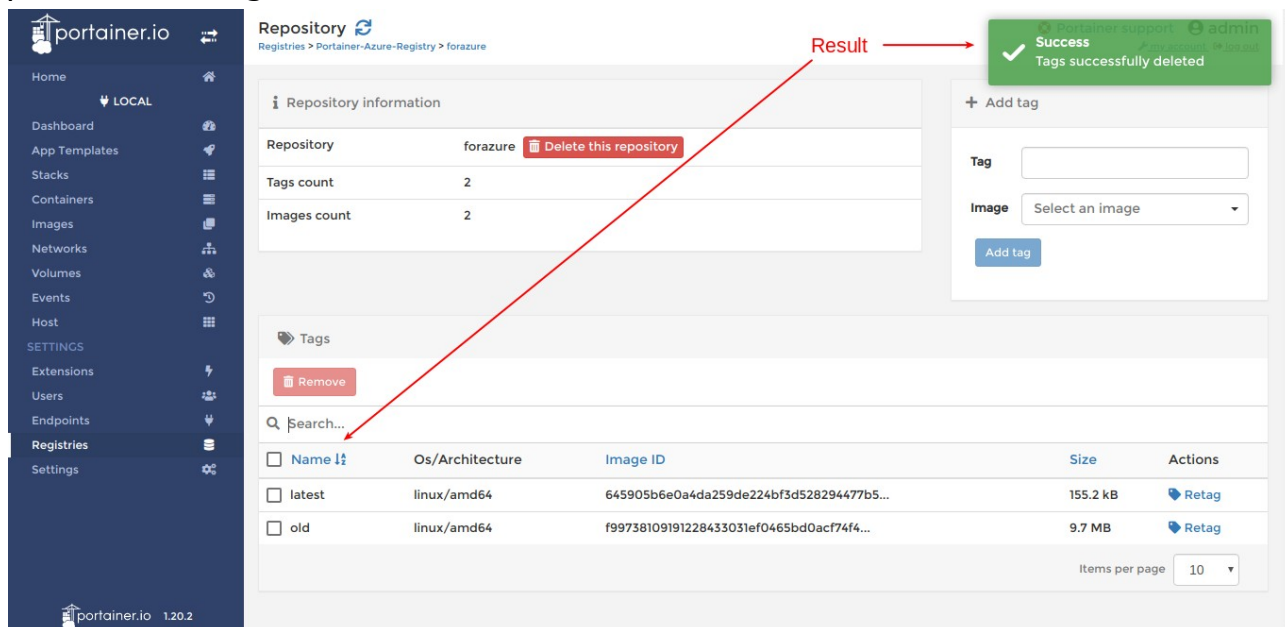
Selecting tag to remove from image repository

- **Step 3:** A prompt should appear asking if you are sure you want to remove the selected tags, click yes.



Confirming choice to remove selected tag from the image repository

Result: You should see a green confirmation message appear in the top right of the screen if the tag was successfully removed. You should now also see the tag is no longer present in the tags list.



Tag successfully removed

Renaming a tag

- **Step 1:** Click the Retag action button for the image you would like to retag.

Repository information

Repository	forazure	Delete this repository
Tags count	3	
Images count	2	

Tags

[Remove](#)

Search...

<input type="checkbox"/>	Name	Os/Architecture	Image ID	Size	Actions
<input type="checkbox"/>	latest	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input type="checkbox"/>	newTag	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input type="checkbox"/>	old	linux/amd64	f99738109191228433031ef0465bd0ac74f4...	9.7 MB	Retag

Items per page 10

Retagging an image via the Tags section

- **Step 2:** Within the text box that appears, enter the new name for the tag.
- **Step 3:** Click the tick to save the changes to the tag name.

Repository information

Repository	forazure	Delete this repository
Tags count	3	
Images count	2	

Tags

[Remove](#)

Search...

<input type="checkbox"/>	Name	Os/Architecture	Image ID	Size	Actions
<input type="checkbox"/>	latest	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input type="checkbox"/>	newTag	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	<input type="text" value="renamedTag"/> x ✓
<input type="checkbox"/>	old	linux/amd64	f99738109191228433031ef0465bd0ac74f4...	9.7 MB	Retag

Items per page 10

Entering and confirming the new name for the tag

Result: You should see a green confirmation message appear in the top right of the screen if the tag was successfully renamed. You should now also see the updated image in the tags list with the new tag name.

portainer.io

Home

LOCAL

Dashboard

App Templates

Stacks

Containers

Images

Networks

Volumes

Events

Host

SETTINGS

Extensions

Users

Endpoints

Registries

Settings

portainer.io 1.20.2

Repository

Registries > Portainer-Azure-Registry > forazure

Repository information

Repository

forazure

Delete this repository

Tags count

3

Images count

2

Tags

Remove

Search...

<input type="checkbox"/>	Name	Os/Architecture	Image ID	Size	Actions
<input type="checkbox"/>	latest	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag
<input type="checkbox"/>	old	linux/amd64	f99738109191228433031ef0465bd0acf774f4...	9.7 MB	Retag
<input type="checkbox"/>	renamedTag	linux/amd64	645905b6e0a4da259de224bf3d528294477b5...	155.2 kB	Retag

Items per page 10

Add tag

Tag

Image

Select an image

Add tag

Success

Tag successfully modified

Result

Tag was successfully renamed