

Setting up Application Environment

Install IBM Cloud CLI

This screenshot shows the IBM Cloud Container Registry catalog page. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (Sai shree G.R.'s Account). The main content area is titled 'Container Registry' and includes a 'Summary' section with a description: 'Manage Docker container images in a fully managed private registry. Push private images into this registry to run them in IBM Cloud Kubernetes Service and other runtime environments. Images are checked for security issues, so that you can make informed decisions about your deployments.' Below the summary is a 'Features' section with three sub-sections: 'Highly available and scalable private registry', 'Image security compliance with Vulnerability Advisor', and 'Quota limits for storage and pull traffic'. The page also includes a 'Pricing plans' section at the bottom. The left sidebar contains links for Compliance, EU Supported, Related links, API Docs, Docs, and Terms. The bottom of the page shows a Windows taskbar with various application icons and system tray icons.

View all /

Container Registry

Author: IBM • Docs • API docs

Compliance
EU Supported

Related links
[API Docs](#)
[Docs](#)
[Terms](#)

Summary

Manage Docker container images in a fully managed private registry. Push private images into this registry to run them in IBM Cloud Kubernetes Service and other runtime environments. Images are checked for security issues, so that you can make informed decisions about your deployments.

Features

Highly available and scalable private registry
Set up your own image namespace in a multi-tenant, highly available, scalable private registry that is hosted and managed by IBM. Securely store your private Docker images and share them with users in your IBM Cloud account.

Image security compliance with Vulnerability Advisor
Benefit from the automatic scanning of images in your namespaces. Review suggestions, which are specific to your operating system, to fix potential vulnerabilities and protect your containers from being compromised.

Quota limits for storage and pull traffic
Benefit from free storage and pull traffic to your private images until you reach the limit for your free quota. Set custom quota limits for the amount of storage and pull traffic per month so that you avoid exceeding your preferred payment level.

Pricing plans

This screenshot shows the IBM Cloud Container Registry Quick start page. The page header is identical to the previous screenshot. The main content area is titled 'Quick start' and includes a 'Location' dropdown menu set to 'Global'. Below this is a 'Welcome!' section with a message: 'Let's get started by installing the needed CLIs, setting up your first private registry namespace, and pushing your first image.' The 'Install, Set Up, and Log In' section lists three steps: 1. Install the IBM Cloud CLI, 2. Install the Docker CLI, and 3. Install the Container Registry plug-in. Below these steps are two code blocks: the first shows the command 'ibmcloud plugin install container-registry -x 'IBM Cloud'' and the second shows the command 'ibmcloud login -a https://cloud.ibm.com'. The bottom of the page shows a Windows taskbar with various application icons and system tray icons.

Quick start

Location
Global

Welcome!

Let's get started by installing the needed CLIs, setting up your first private registry namespace, and pushing your first image.

Install, Set Up, and Log In

1. [Install the IBM Cloud CLI.](#)
2. [Install the Docker CLI.](#)
3. Install the Container Registry plug-in.

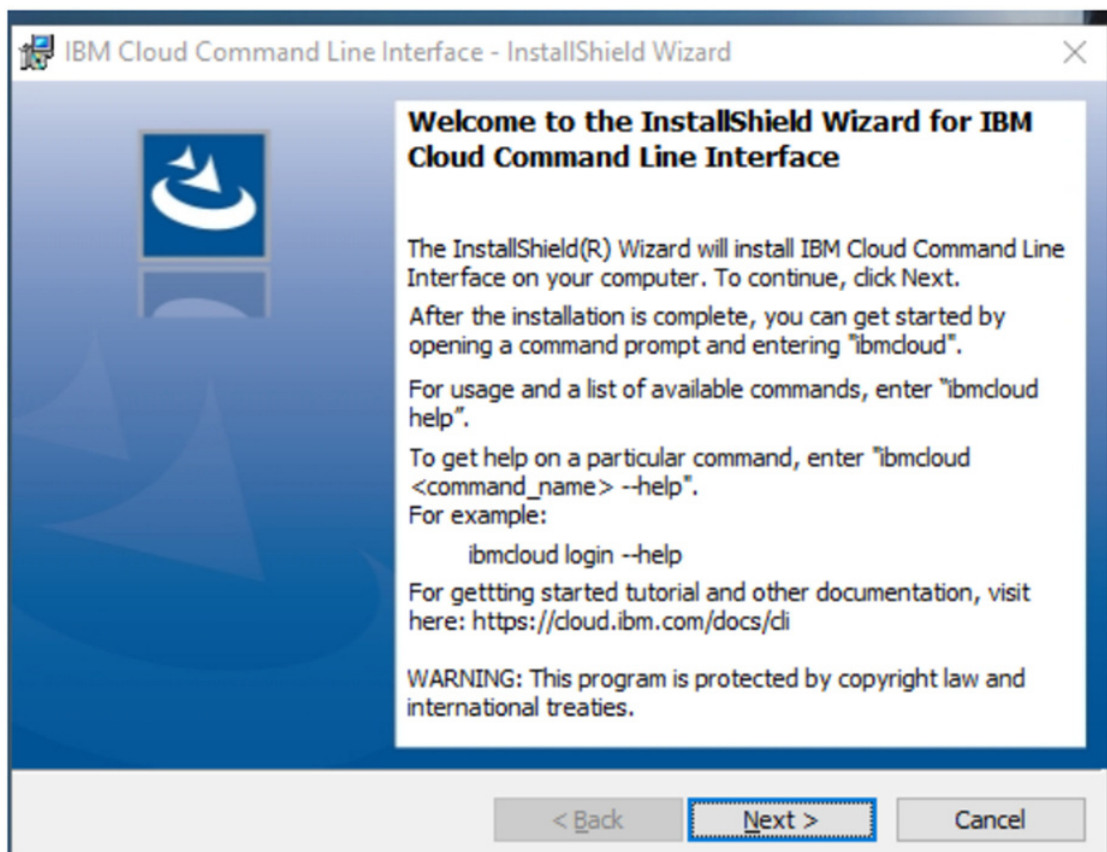
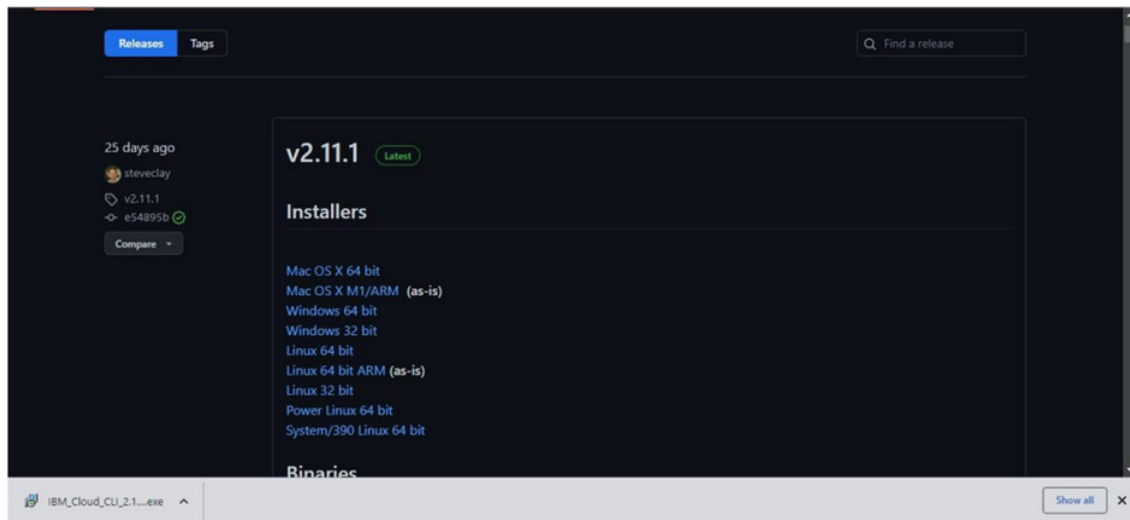
```
ibmcloud plugin install container-registry -x 'IBM Cloud'
```

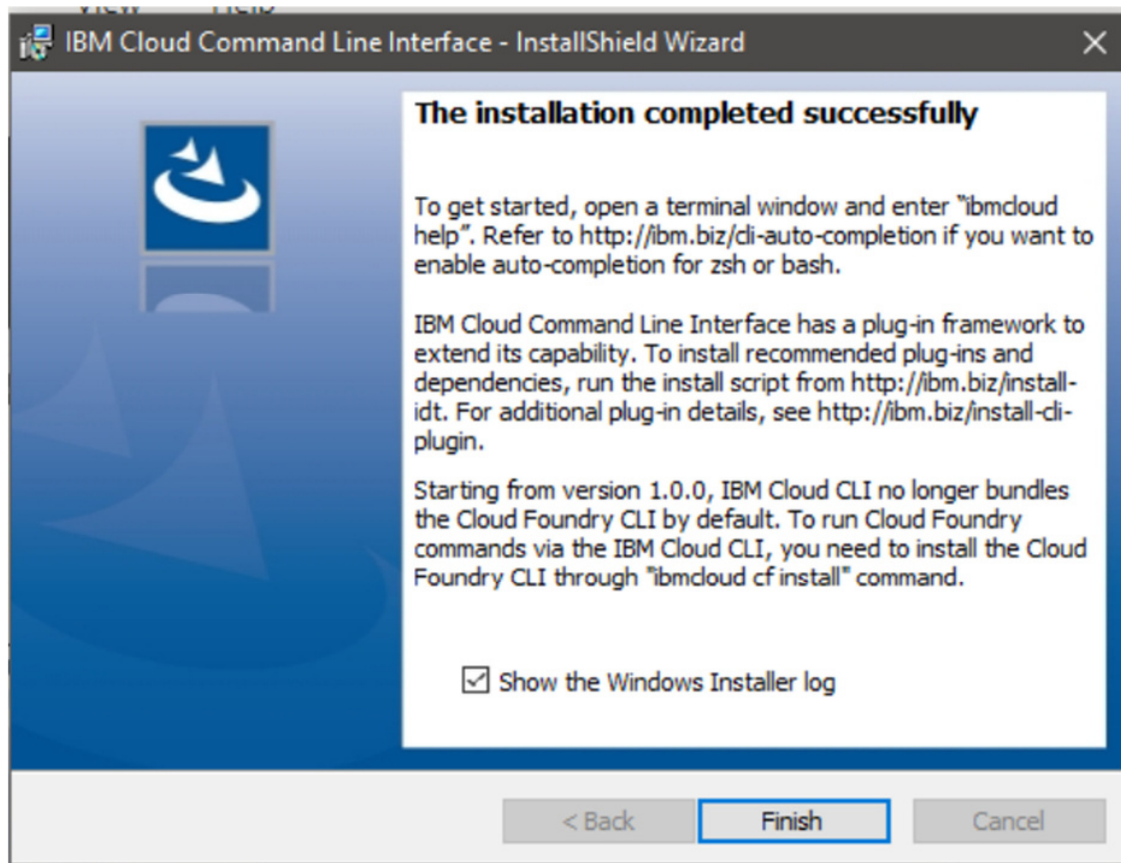
4. Log in to your IBM Cloud account.

```
ibmcloud login -a https://cloud.ibm.com
```

If you have a federated ID, use `ibmcloud login --sso` to log in to the IBM Cloud CLI.

5. Ensure that you're targeting the correct IBM Cloud Container Registry region.





OUTPUT:

IBM Cloud CLI is installed successfully.pp