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IBM Cloud


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View all /

Container Registry

Author: IBM • Docs • API docs

Estimate costs

Get started

Compliance

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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.

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IBM Cloud Container Registry - C x

cloud.ibm.com/registry/start

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IBM Cloud

Container Registry

Quick start

Namespaces 0

Repositories 0

Images 0

Trash 0

Settings

Search resources and products...

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Quick start

LocationGlobal

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.

4. Log in to your IBM Cloud account.

ibmcloud plugin install container-registry -t 'IBM Cloud'

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

https://cloud.ibm.com/registry/start

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Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

S C:\Users\lenovo> (New-Object Net.WebClient).DownloadString('https://cli.cloud.ibm.com/install/powershell')

New-ObjectNet.WebClient : The term 'New-ObjectNet.WebClient' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the name, or if a path was included, verify that the path is correct and try again.

+ CategoryInfo : ObjectNotFound: (New-ObjectNet.WebClient:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

S C:\Users\lenovo> iex (New-Object Net.WebClient).DownloadString('https://cli.cloud.ibm.com/install/powershell')

Current platform is Win64. Downloading corresponding IBM Cloud CLI...

Download complete. Executing installer...

Install complete. Please restart to make the modification effective.

S C:\Users\lenovo>

BITS Transfer
r Service (BITS).

[oooooooooooooooo]

Type here to search



Windows PowerShell

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Users\vishn> iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')

Current platform is Win64. Downloading corresponding IBM Cloud CLI...

Get-Content: Download complete. Executing installer...

Install complete. Please restart to make the modification effective.

PS C:\Users\vishn>

IBM Cloud CLI

How to install IBM Cloud CLI

Install IBM Cloud CLI on Windows

Install IBM Cloud CLI on macOS

Install IBM Cloud CLI on Linux

Extend the capabilities of IBM Cloud CLI with the IBM Cloud CLI plug-ins

Work with the IBM Cloud CLI

Expand all | Collapse all

```
curl -fsSL https://clis.cloud.ibm.com/install/linux | sh
```

☒ Tip: For more information about installing the Mac OS X M1/ARM or Linux 64-bit ARM

Console

On this page

☒ Before you begin

☐ Step 1
Run the installation command

☐ Step 2
Verify the installation

☐ Step 3
Install CLI plug-ins and tools

☐ Step 4
Configure your environment

☐ Next steps

Feedback

IBM

Kubernetes service

Migrating environment clusters

Developing apps in

Controlling traffic to

How to

Installing the CLI and

Setting up the CLI

Setting up the API

Planning your cluster environment

Moving your environment to IBM Cloud Kubernetes Service

Expand all | Collapse

se 'ibmcloud plugin show container-service' to show its details.

l container-service

Looking up 'container-service' from repository 'IBM Cloud'...

Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'

Plug-in 'container-service[kubernetes-service/ks] 1.0.459' was already installed. Do you want to re-install it or not? [y/N] > y

Attempting to download the binary file...

26.86 MiB / 26.86 MiB [=====] 100.00% 10s

28168192 bytes downloaded

Installing binary...

Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\vishn\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Desktop\VISHNU CHIDAMBARAM R\SEM NOTES\SEM 7\ibm\ASSIGNMENT\Setting Up Application Environment>ibmcloud plugin install container-registry

Looking up 'container-registry' from repository 'IBM Cloud'...

Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'

Attempting to download the binary file...

11.90 MiB / 11.90 MiB [=====] 100.00% 4s

12476416 bytes downloaded

Installing binary...

Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\vishn\bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Desktop\VISHNU CHIDAMBARAM R\SEM NOTES\SEM 7\ibm\ASSIGNMENT\Setting Up Application Environment>ibmcloud plugin install observe-service

Looking up 'observe-service' from repository 'IBM Cloud'...

Plug-in 'observe-service 1.0.82' found in repository 'IBM Cloud'

Attempting to download the binary file...

13.38 MiB / 13.38 MiB [=====] 100.00% 4s

14024704 bytes downloaded

Installing binary...

Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\vishn\bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

Console

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alling the Kubernetes CLI (kubectl)

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ing a temporary

Feedback