

UPLOAD IMAGE TO IBM CONTAINER REGISTRY

Date	19 Nov 2022
Team ID	PNT2022TMID39785
Project Name	Nutrition Assistant Application

IBM Cloud

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Container Registry

Author: IBM • Docs • API docs

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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.

IBM Cloud

Container Registry

Quick start

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Settings

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Location

Global

Quick start

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 containerx-registry -r 'IBM Cloud'

4. Log in to your IBM Cloud account.

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

Command Prompt - docker run -d -p 80:80 docker/getting-started

Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>docker run -d -p 80:80 docker/getting-started
Unable to find image 'docker/getting-started:latest' locally
latest: Pulling from docker/getting-started
d49b9388f04a: Pull complete
5867c8a5fcbd: Pull complete
4b639e65cb3b: Pull complete
061ed9e2b976: Extracting [=====>] 8948/8948
bc19f3e8eeb1: Download complete
4071be97c256: Download complete
79b586f1a54b: Waiting
0c9732f525d6: Waiting

h30

nt to another. [Learn more](#)

I then come back



An open-source in-memory key-value store that functions as a data structure server. [Run](#)

An open-source web server, reverse proxy, load balancer and HTTP cache. [Run](#)

RAM 1.86GB CPU 20.04% Connected to Hub v4.13.1

02:53:22

CLOSE SESSION

Instances  

+ ADD NEW INSTANCE

192.168.0.8
node1

cdmh2dm0_cdmh2fm0qau000cumn4g

IP: 192.168.0.8 [OPEN PORT](#) 9000

Memory: 1.61% (64.31MiB / 3.906GiB) CPU: 0.11%

SSH: [ssh ip172-18-0-68-cdmh2dm0qau000cumn3g@direct.labs.p](#)

[DELETE](#) [EDITOR](#)

```
$ docker stop
"docker stop" requires at least 1 argument.
See 'docker stop --help'.

Usage: docker stop [OPTIONS] CONTAINER [CONTAINER...]

Stop one or more running containers
[node1] (local) root@192.168.0.8 ~
$ docker ps
CONTAINER ID   IMAGE                     COMMAND                  CREATED        STATUS        PORTS
f5316a82bc94   uifd/ui-for-docker       "/ui-for-docker"        57 minutes ago Up 57 minutes 0.0.0.0:9000->9000/tcp
crazy_pike    [node1] (local) root@192.168.0.8 ~
$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
uifd/ui-for-docker latest    965940f98fa5   6 years ago    8.1MB
[node1] (local) root@192.168.0.8 ~
```

