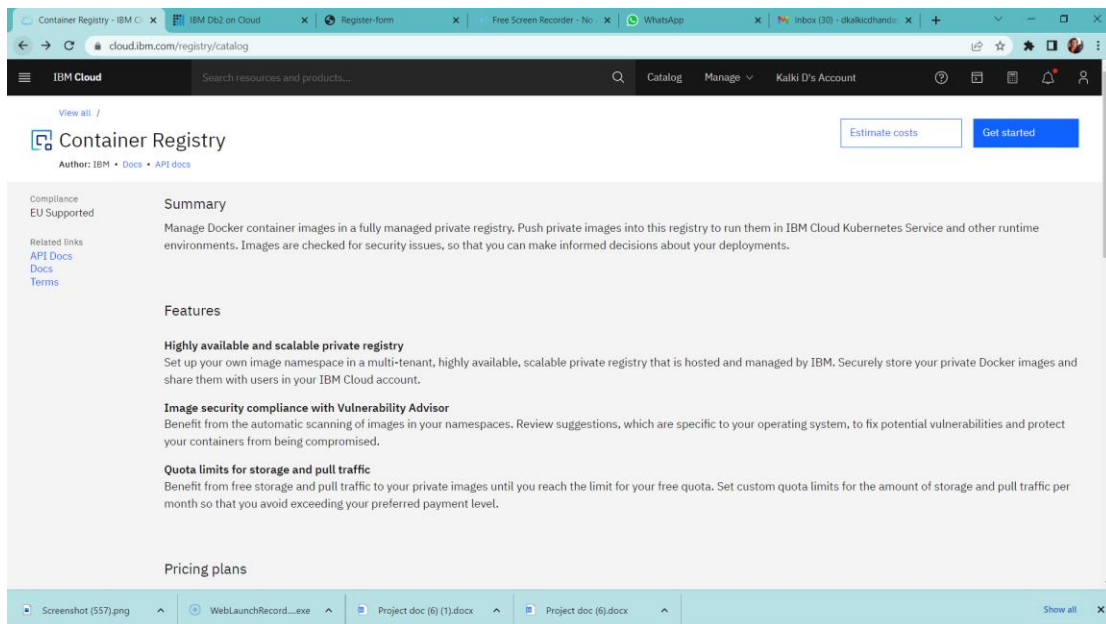


UPLOAD IMAGE TO IBM CONTAINER REGISTRY

Date	15 Nov 2022
Team ID	PNT2022TMID29616
Project Name	Nutrition Assistant Application



The screenshot shows the IBM Cloud Container Registry page. The browser address bar displays 'cloud.ibm.com/registry/catalog'. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and Kalki D's Account. The main content area is titled 'Container Registry' with a sub-header 'Author: IBM • Docs • API docs'. On the right, there are buttons for 'Estimate costs' and 'Get started'. The left sidebar contains links for Compliance, EU Supported, and Related links (API Docs, Docs, Terms). The main content area is divided into sections: Summary, Features, and Pricing plans. The Summary section describes the registry as a fully managed private registry for Docker container images. The Features section highlights three key features: 'Highly available and scalable private registry', 'Image security compliance with Vulnerability Advisor', and 'Quota limits for storage and pull traffic'. The Pricing plans section is partially visible at the bottom.

Container Registry - IBM C x IBM Db2 on Cloud x Register-form x Free Screen Recorder - No x WhatsApp x Inbox (3) - dkakodhandu x +

cloud.ibm.com/registry/catalog

IBM Cloud Search resources and products...

View all /

Container Registry

Author: IBM • Docs • API docs

Estimate costs Get started

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

Screenshot (557).png WebLaunchRecord...exe Project doc (6) (1).docx Project doc (6).docx Show all x

IBM Cloud

Container Registry

Quick start

Namespaces1

Repositories0

Images0

Trash0

Settings

Search resources and products...

CatalogManageKaili D's Account

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 container-registry -z '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.

```
ibmcloud cr region-set global
```

```
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Wasanth>docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Image is up to date for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest

C:\Users\Wasanth>docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS          NAMES
4d7ae4e4162    uifd/ui-for-docker  "/ui-for-docker"        2 minutes ago Up 2 minutes  0.0.0.0:9000->9000/tcp  strange_kapitsa
4d851546456f    8c2c38aa876e     "/kube-vpnkit-forwar..." 10 minutes ago Up 10 minutes             k8s_vpnkit-controller_vpnkit-controller_kube-system_90724414-f045-4c8d-a870-19a1ab23131d_3
7fa5e51b71a09  99f89471f470     "/storage-provisioner..." 36 minutes ago Up 36 minutes             k8s_storage-provisioner_storage-provisioner_kube-system_255f889e-8f5b-4f56-9567-1f23d118a2
ff0_3
011368eda4f82  5185b96f0bec     "/coredns -conf /etc..." 37 minutes ago Up 36 minutes             k8s_coredns_coredns-95db45d46-hw76w_kube-system_ff52c2b0-594a-4dc9-8adc-8a0005b475be_1
192ea2323574    5185b96f0bec     "/coredns -conf /etc..." 37 minutes ago Up 37 minutes             k8s_coredns_coredns-95db45d46-mrbxz_kube-system_339ea438-feb0-416e-8ec9-2bbe9e138799_1
0eac4bcd4f19e   k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_vpnkit-controller_kube-system_90724414-f045-4c8d-a870-19a1ab23131d_1
c82ac8c41fc0    1c7d8c51823b     "/usr/local/bin/kube..." 37 minutes ago Up 37 minutes             k8s_kube-proxy_kube-proxy-wcpqm_kube-system_5a2ecb8b-2cfa-4795-a761-d0639b72020a_1
ec73e8953eb     k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_coredns-95db45d46-hw76w_kube-system_ff52c2b0-594a-4dc9-8adc-8a0005b475be_1
062aea0929e     k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_coredns-95db45d46-mrbxz_kube-system_339ea438-feb0-416e-8ec9-2bbe9e138799_1
857ced8bcf6a    k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_storage-provisioner_kube-system_255f889e-8f5b-4f56-9567-1f23d118a2f0_1
ec1c93212fd4    k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_kube-proxy-wcpqm_kube-system_5a2ecb8b-2cfa-4795-a761-d0639b72020a_1
45d588f3ab16    dbfceb93c69b     "kube-controller-man..." 37 minutes ago Up 37 minutes             k8s_kube-controller-manager_kube-controller-manager-docker-desktop_kube-system_6c75172049c
399028f4c1d6e23f50e7_1
0535c4f8a2c50  57801f839400     "kube-apiserver --ad..." 37 minutes ago Up 37 minutes             k8s_kube-apiserver_kube-apiserver-docker-desktop_kube-system_8e9132c31407bb3ec5abb4d9d72c
bf3_1
714e17b807a5    a8a176a5d5d6     "etcd --advertise-cl..." 37 minutes ago Up 37 minutes             k8s_etcd_etcd-docker-desktop_kube-system_c4a48f4cae9bb9e6d7e065357601b3f_1
70810955990c    ca0ea1ee3cfd     "kube-scheduler --au..." 37 minutes ago Up 37 minutes             k8s_kube-scheduler_kube-scheduler-docker-desktop_kube-system_3744c28618b9eefc6c47dfb0a4574
4a6_2
fe0a26f2494c    k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_kube-apiserver-docker-desktop_kube-system_8e9132c31407bb3ec5abb4d9d72c
bf3_1
c5d631735485    k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_etcd-docker-desktop_kube-system_c4a48f4cae9bb9e6d7e065357601b3f_1
049d09781827    k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_kube-controller-manager-docker-desktop_kube-system_6c75172049c399028f4c1d6e23f50e
7_1
068f1adac206    k8s.gcr.io/pause:3.8  "/pause"                 37 minutes ago Up 37 minutes             k8s_POD_kube-scheduler-docker-desktop_kube-system_3744c28618b9eefc6c47dfb0a4574a6_1

C:\Users\Wasanth>
```

03:55:05

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdsgonm3_cdsgoum0qau0008cild0

IP
192.168.0.28

OPEN PORT
9000

Memory
1.63% (65.21MiB / 3.906GiB)

CPU
0.33%

SSH
ssh ip172-18-0-52-cdsgonm3tccg009|hu20@direct.labs.play

DELETE EDITOR

```
# is HIGHLY discouraged. Any consequences of doing so are
# completely the user's responsibilities.
#
# The FWD team.
#####
[node1] (local) root@192.168.0.28 ~
$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS          NAMES
[node1] (local) root@192.168.0.28 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (local) root@192.168.0.28 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
4427b77ea928bdf18cf6bdcf72c1f344e4ed5388531cc22008d78ee184a420
[node1] (local) root@192.168.0.28 ~
$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS          NAMES
4427b77ea928    uifd/ui-for-docker  "/ui-for-docker"        17 seconds ago Up 16 seconds  0.0.0.0:9000->9000/tcp  dazzling_thompson
[node1] (local) root@192.168.0.28 ~
$
```

Docker Desktop

Upgrade plan

Containers

Images

Volumes

Dev Environments

Extensions

Add Extensions

Containers

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another.

Only show running containers

Search

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
	k8s_POD_etcd-docker-desktop_kube-system_c4a-c5d631735485	k8s.gcr.io/pause:3.8	Running		32 minutes ag	
	k8s_POD_kube-apiserver-docker-desktop_kube-s-fe0a26f2494c	k8s.gcr.io/pause:3.8	Running		32 minutes ag	
	k8s_POD_kube-scheduler-docker-desktop_kube-td68f1ada206	k8s.gcr.io/pause:3.8	Running		32 minutes ag	
	k8s_POD_kube-controller-manager-docker-deskt-049d09781827	k8s.gcr.io/pause:3.8	Running		32 minutes ag	
	k8s_etcd_etcd-docker-desktop_kube-system_c4a-714e17b807a5	k8s.gcr.io/etcd:3.5.4-0	Running		32 minutes ag	
	k8s_kube-scheduler_kube-scheduler-docker-desk-7683d955990c	k8s.gcr.io/kube-scheduler:v1.25.2	Running		32 minutes ag	
	k8s_kube-controller-manager_kube-controller-m-d5d588f3ab16	k8s.gcr.io/kube-controller-manager:v1.25.2	Running		32 minutes ag	
	k8s_kube-apiserver_kube-apiserver-docker-deski-635c4f0a2e50	k8s.gcr.io/kube-apiserver:v1.25.2	Running		32 minutes ag	
	k8s_POD_kube-proxy-wcpgm_kube-system_5a2e1ec1c93212f04	k8s.gcr.io/pause:3.8	Running		32 minutes ag	
	k8s_POD_storage-provisioner_kube-system_255f1857ced8bcbf6a	k8s.gcr.io/pause:3.8	Running		32 minutes ag	

Showing 20 items

RAM 3.33GB

CPU 2.74%

Connected to Hub

v4.13.1

