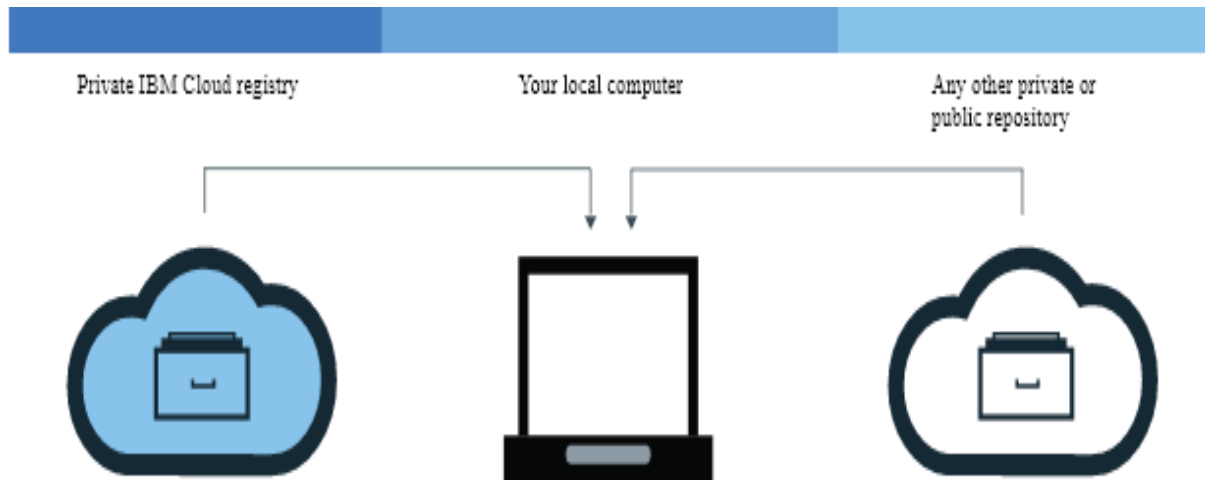


# UPLOAD IMAGE TO IBM CLOUD REGISTRY -PNT2022TMID17124



- [Install the CLI](#) to work with images in your namespace.
- [Set up your own namespace in IBM Cloud Container Registry.](#)
- [Pull](#) or [build](#) an image on your local computer and tag the image with your namespace information.
- [Make sure that you can run Docker commands without root permissions.](#) If your Docker client is set up to require root permissions, you must run `ibmcloud login`, `ibmcloud cr login`, `docker pull`, and `docker push` commands with `sudo`.

If you change your permissions to run Docker commands without root privileges, you must run the `ibmcloud login` command again.

**To upload (push) an image, complete the following steps:**

## PNT2022TMID17124

Log in to the CLI by running the `ibmcloud cr login` command.

```
$ ibmcloud cr login
```

```
$ ibmcloud cr image-tag [SOURCE_IMAGE]
[TARGET_IMAGE]
```

## UPLOAD IMAGE TO IBM CLOUD REGISTRY -PNT2022TMID17124

```
$ ibmcloud cr image-list
```

```
$ touch Dockerfile
```

```
$ FROM <source_image>:<tag>
```

```
$ FROM <region>.icr.io/ibmliberty:latest  
LABEL description="This is my test  
Dockerfile"  
EXPOSE 9080
```

```
$ <region>.icr.io/<my_namespace>/<repo_name>:  
<tag>
```

```
$ docker build -t <image_name> <directory>
```

```
$ ibmcloud cr image-untag IMAGE
```

## UPLOAD IMAGE TO IBM CLOUD REGISTRY -PNT2022TMID17124

```
$ ibmcloud cr image-list
```

### Deleting images from your private repository in the CLI

```
$ ibmcloud cr image-rm IMAGE
```

```
$ ibmcloud cr image-list
```

To list the images in the trash, complete the following steps

```
$ ibmcloud cr trash-list
```

```
$ ibmcloud cr trash-list --restrict <namespace>
```

### Restoring images

```
$ ibmcloud cr trash-list
```

```
$ ibmcloud cr image-restore  
<dns>/<namespace>/<repo>@<digest>
```