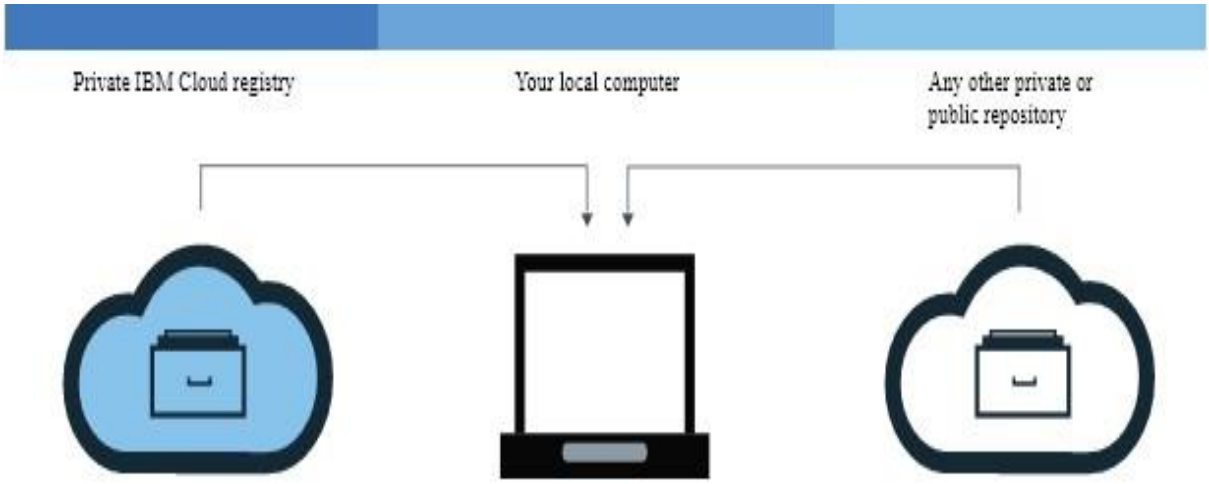
UPLOAD IMAGE TO IBM CLOUD REGISTRY :

Date	19 NOVEMBER 2022
Team ID	PNT2022TMID38243
Project Name	Personal Expense Tracker Application



- 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 `ibmcloud login` privileges, you must run the command again.

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

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

```
$ ibmcloud cr login
```

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

```
$ 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
```

```
$ 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>
```