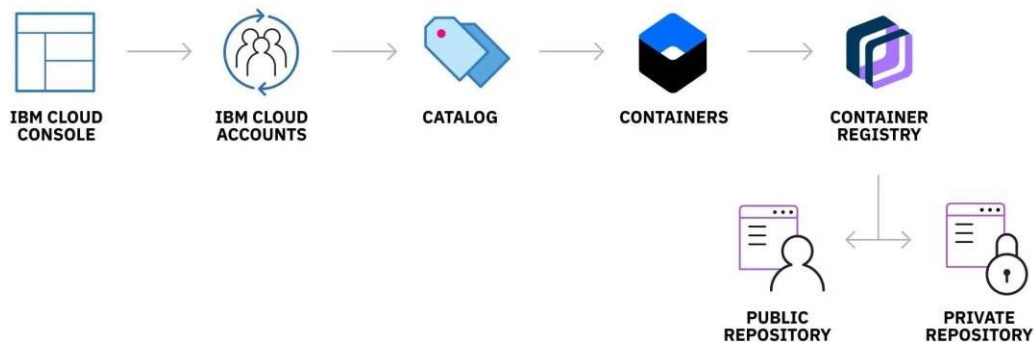
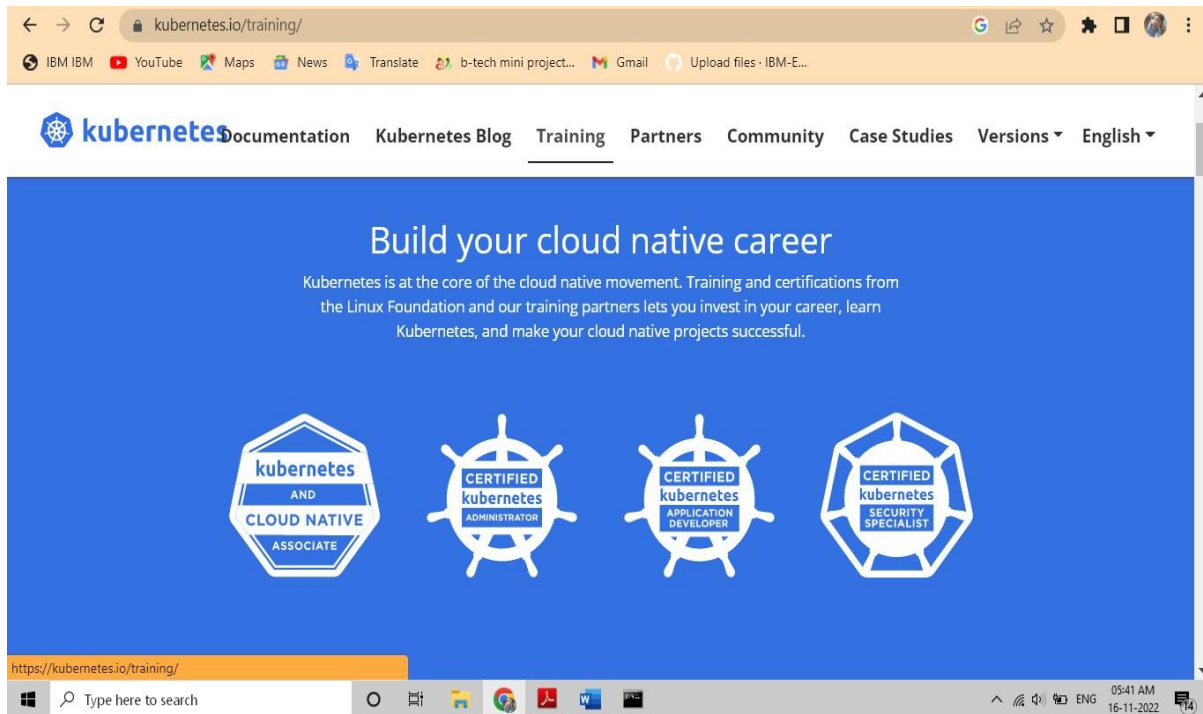


DEPLOY IN KUBERNETES CLUSTER




To use Cloud Shell:

- [Download Kubernetes](#)
- Download and [install tools](#) including kubectl
- Select a [container runtime](#) for your new cluster
- Learn about [best practices](#) for cluster setup

1. Go to the [Google Cloud console](#).

DEPLOY IN KUBERNETES CLUSTER

2. Click the **Activate Cloud Shell**  button at the top of the Google Cloud console window.
3. A Cloud Shell session opens inside a new frame at the bottom of the Google Cloud console and displays a command-line prompt.



1. `gcloud components install kubectl`
2. `export PROJECT_ID=PROJECT_ID`
3. `echo $PROJECT_ID`
4. `gcloud config set project $PROJECT_ID`

OUTPUT

Updated property [core/project].

```
gcloud artifacts repositories create hello-repo \
--repository-format=docker \
--location=REGION \
--description="Docker repository"
```

1. `gcloud artifacts locations list`
2. Download the hello-app source code and Dockerfile by running the following commands:
3. `git clone https://github.com/GoogleCloudPlatform/kubernetes-engine-samples`
`cd kubernetes-engine-samples/hello-app`
4. `docker build -t REGION-docker.pkg.dev/${PROJECT_ID}/hello-repo/hello-app:v1 .`
5. `docker images`

OUTPUT

REPOSITORY	TAG	IMAGE ID
us-west1-docker.pkg.dev/my-project/hello-repo/hello-app	v1	25cfadb1bf28