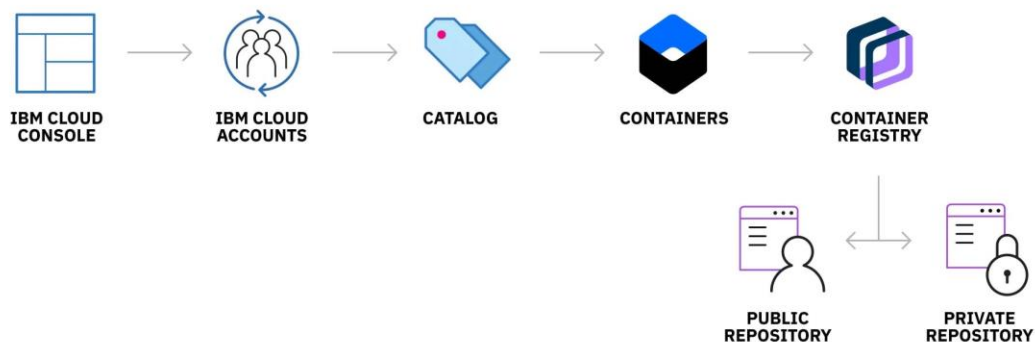
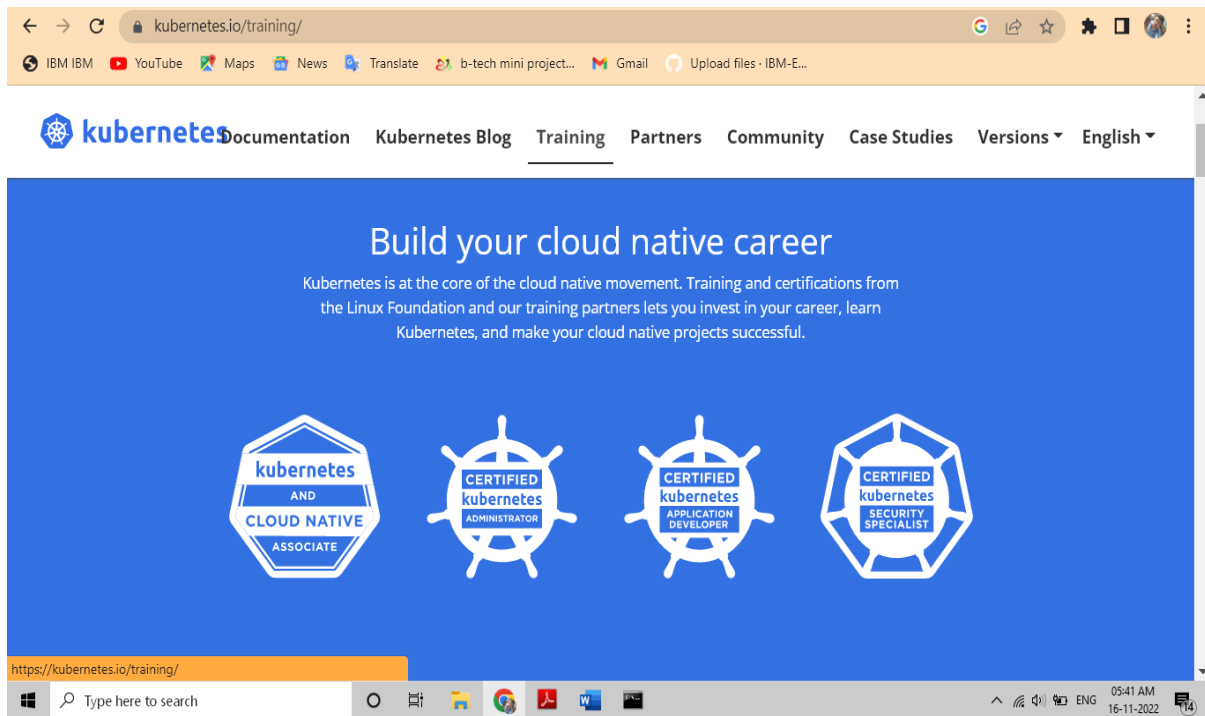


# DEPLOY IN KUBERNETES CLUSTER-PNT2022TMID17124




## 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](#).

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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