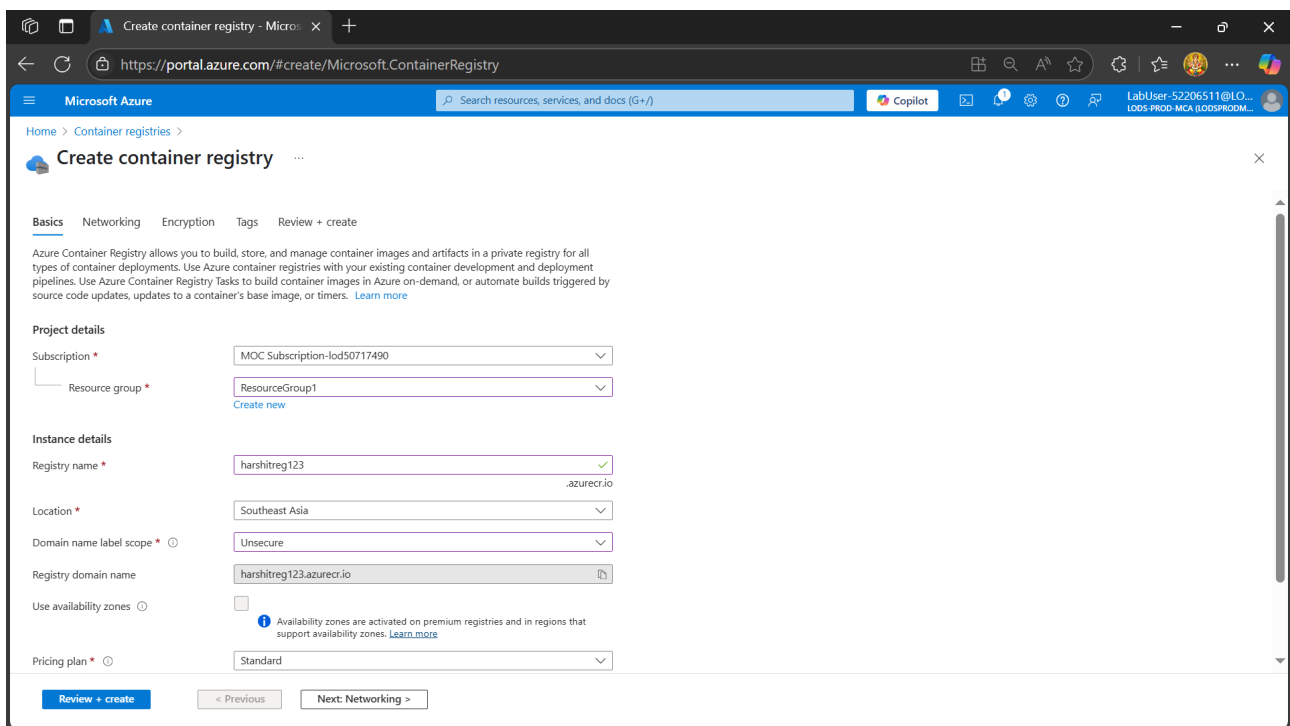


Create ACR and pull image from ACR and Create a container from it

Azure Container Registry (ACR) is a private Docker container registry provided by Microsoft Azure that allows us to store, manage, and deploy container images (like Docker images) in a secure and scalable way within Azure environment.

Which is a private docker hub where we can store our images and is required we can what's the new images with new versions and multiple images and store them along with after whenever required to make an instance of them we can access them by username and password.

To create a ACR in insure portal we simplify add some of the following details as shown in the figure and deploy our application



The screenshot shows the 'Create container registry' wizard in the Azure Portal, specifically the 'Basics' tab. The form is filled with the following details:

- Project details:**
 - Subscription: MOC Subscription-Iod50717490
 - Resource group: ResourceGroup1
- Instance details:**
 - Registry name: harshitreg123 (with a checkmark indicating it's valid)
 - Location: Southeast Asia
 - Domain name label scope: Unsecure
 - Registry domain name: harshitreg123.azurecr.io
 - Use availability zones: ☐ (disabled)
- Pricing plan:** Standard

At the bottom, there are navigation buttons: 'Review + create' (highlighted in blue), '< Previous', and 'Next: Networking >'. A small information icon and text are visible below the 'Use availability zones' checkbox: 'Availability zones are activated on premium registries and in regions that support availability zones. [Learn more](#)'.

After deploying our application we simply go to our terminal and login our ACR using following commands

```
$ docker login harshitreg123.azurecr.io
username: harshitreg123
password:
```

Now our ACR account is login to our local terminal as a next step we will create a simple docker image and then push it into ACR repository.

```
$ ls
Dockerfile index.html
```

```
$ docker build -t harshitreg123.azurecr.io/myapp1 .
```

```
$ docker push harshitreg123.azurecr.io/myapp1
```

I have created a docker image and uploaded it onto the Azure ACR repository now if I go to my resource and my repository and then go to my depository then I will found that there is my docker image with my version by default latest

In the same way I have created multiple images where I have my docker image file and other related documents in the files and posted them onto my ACR repository and I can access them from there is required

```
$ cd part1
```

```
$ docker build -t harshitreg123.azurecr.io/myapp2 .
```

```
$ docker push harshitreg123.azurecr.io/myapp2
```

If I go to my Azure account and go to my service Asia and then go to repository then I will found that there are my 2 local images myapp1 and myapp2