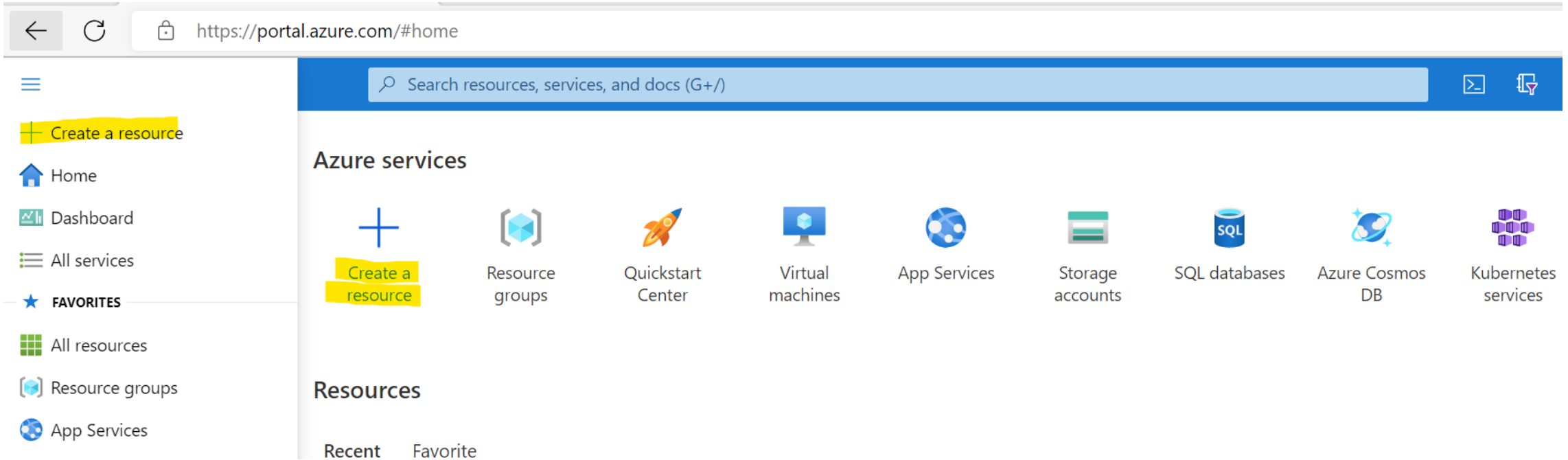
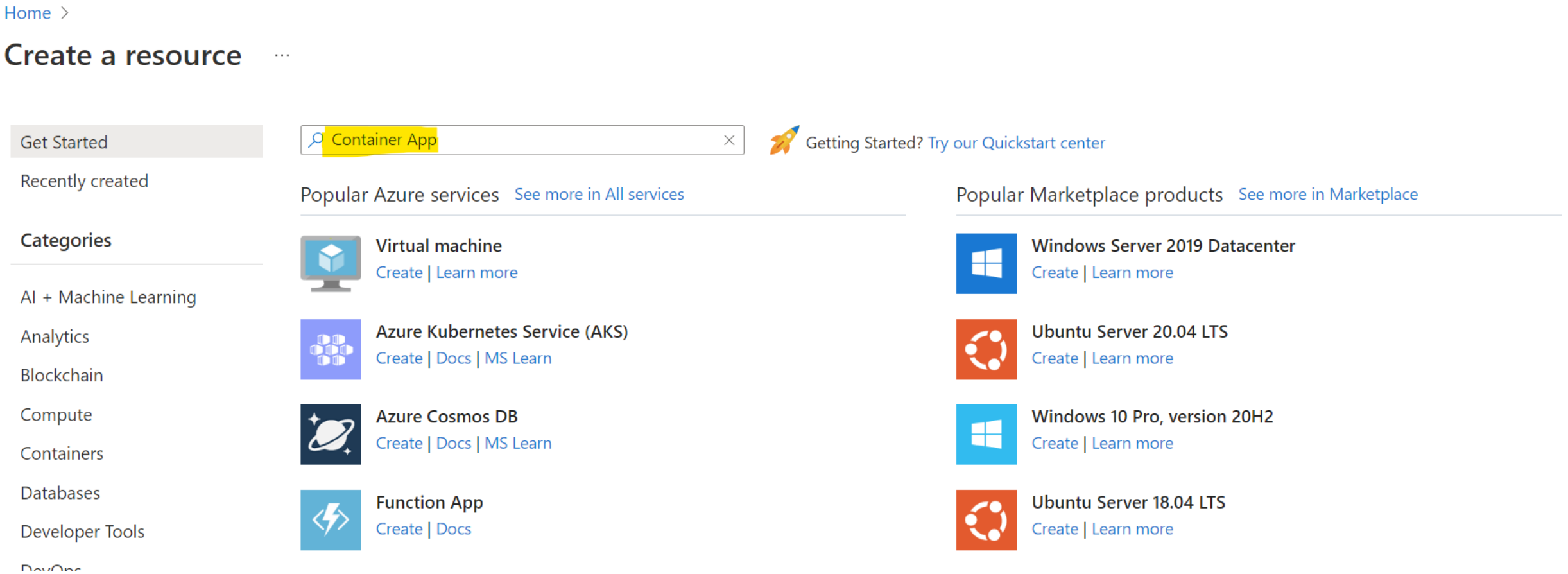
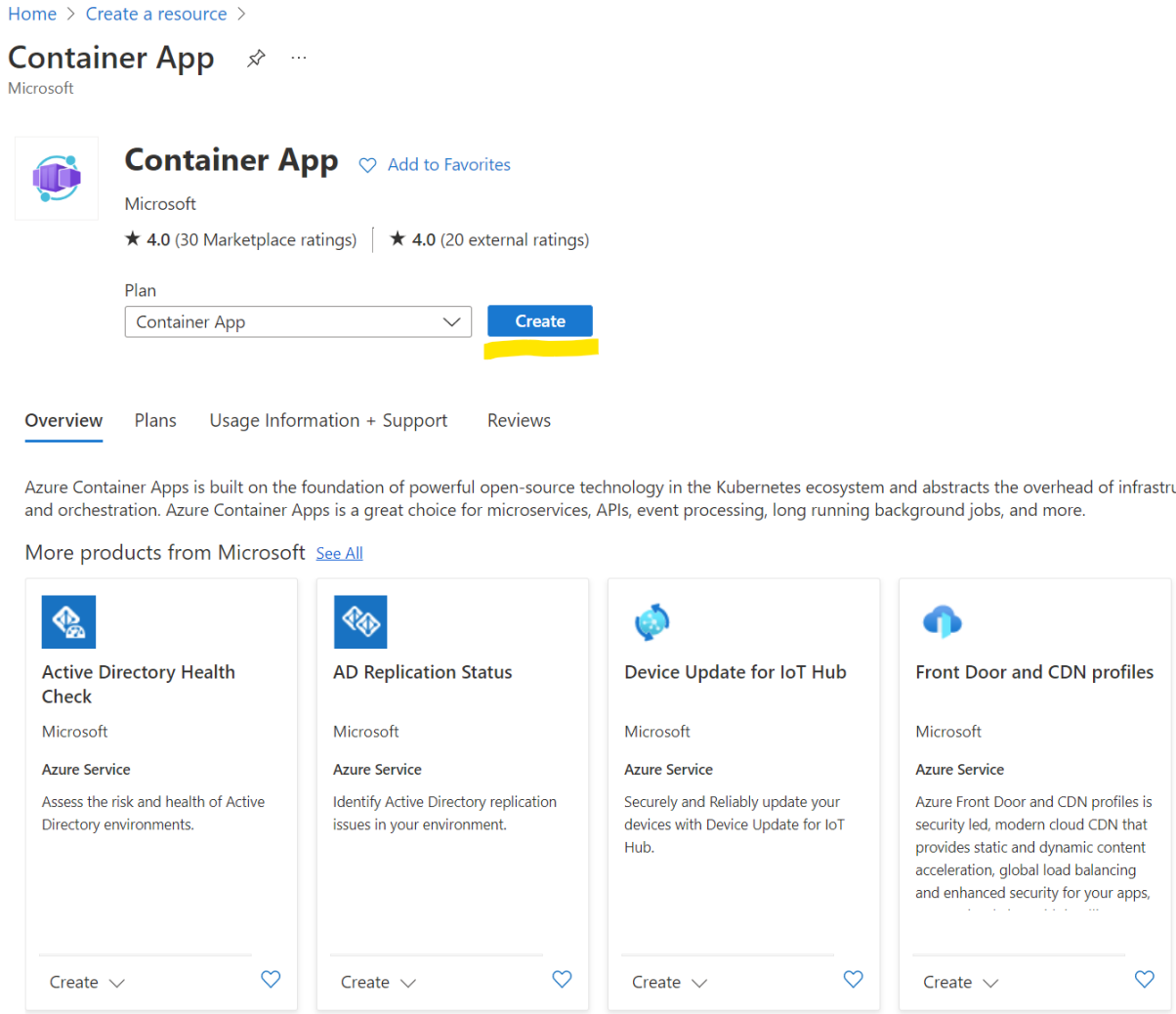


Instructions:
Go to https://portal.azure.com and login
In the Azure Portal, click on [+ Create a Resource]



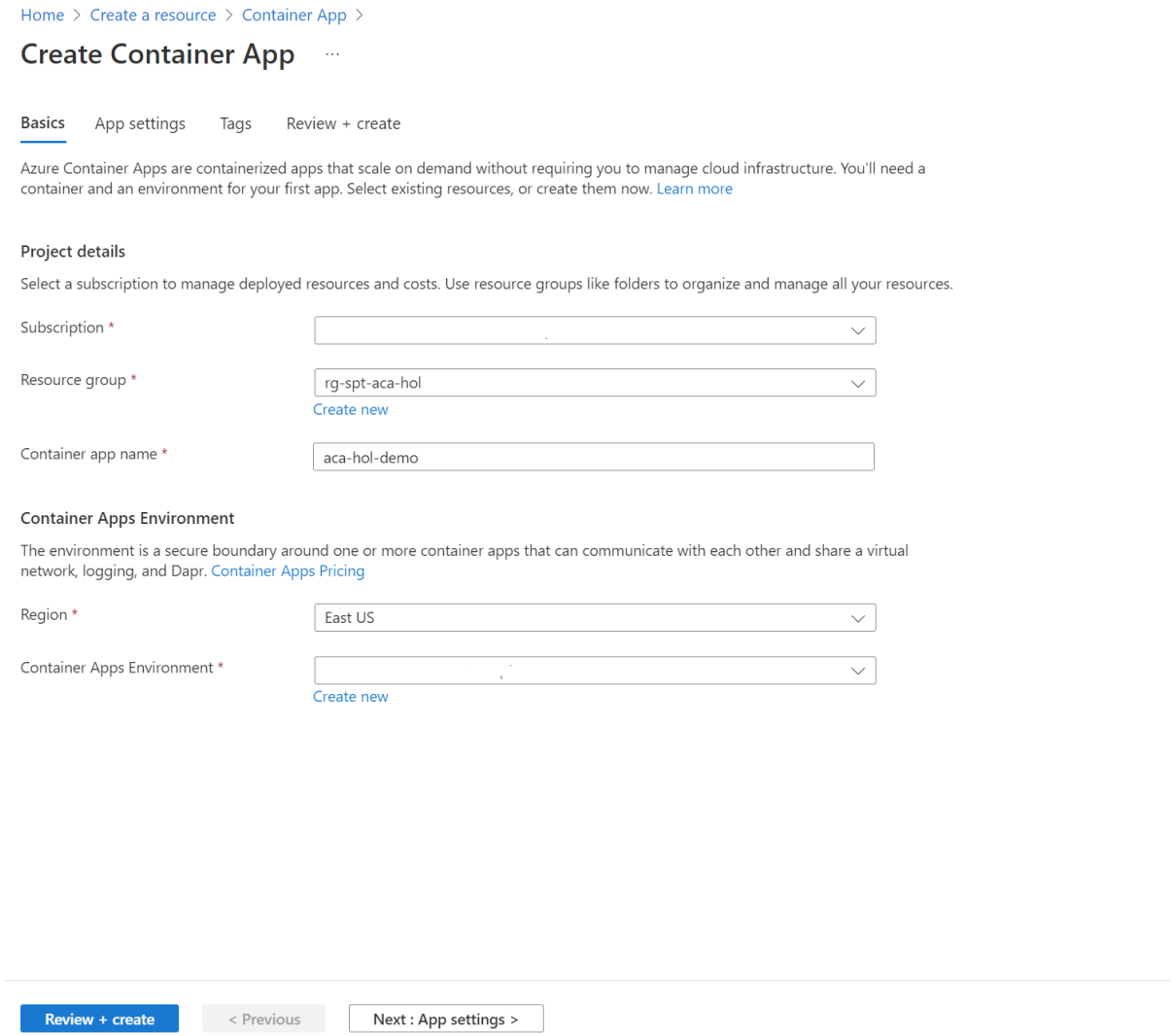
Instructions:

Type in "Container App“ and choose “Container App” as it appears in the type ahead suggestion drop down.



Instructions:

Click [Create]



Instructions:

Project Details

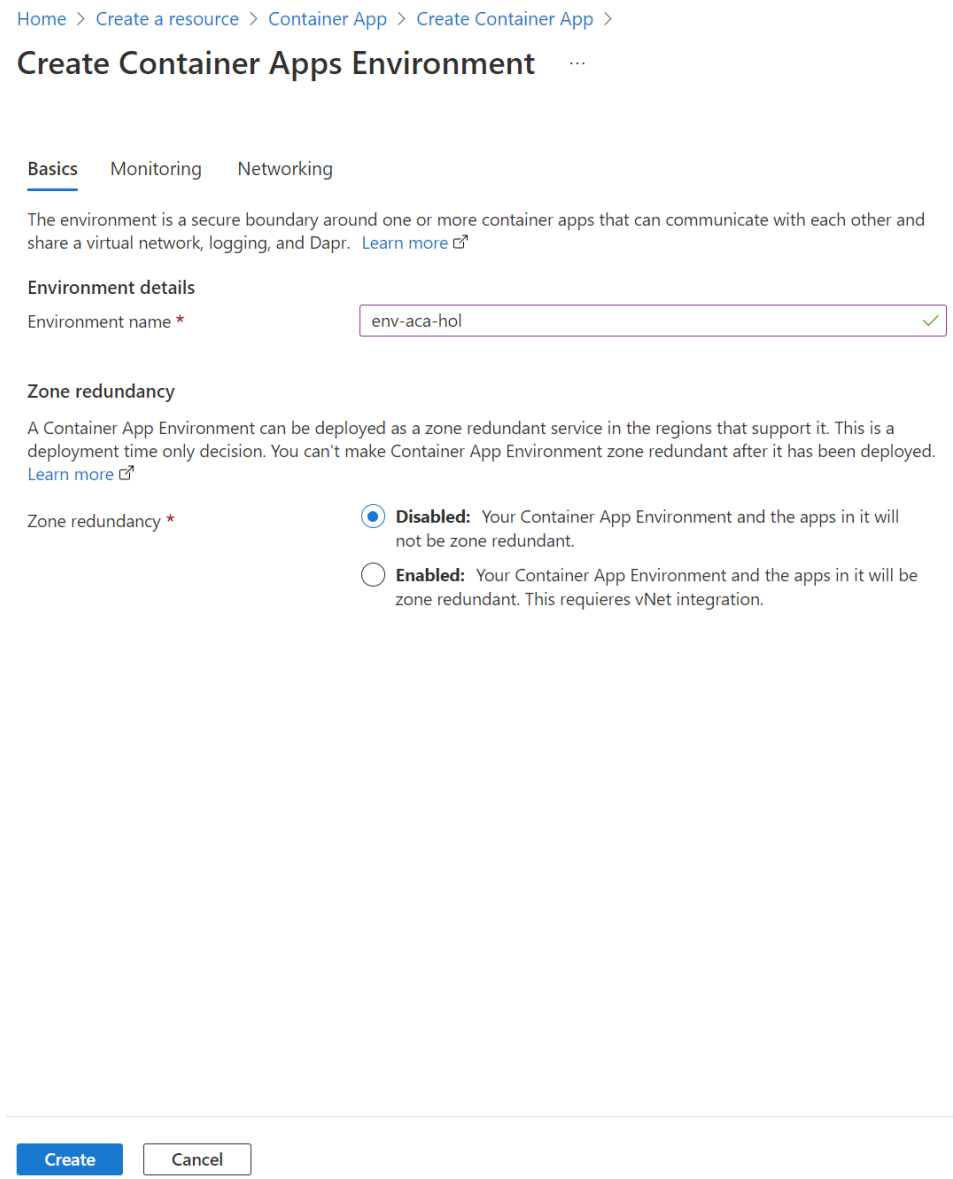
Choose the [Subscription] you would like to use. It is recommended that you create a new resource group so fill in a name and create a new resource group by clicking on the [Create New] hyperlink. Provide a [Container app name] of your choice *e.g. aca-hol-demo*

Container Apps Environment

Choose the [Region] you want to deploy to from the drop-down of available regions.

As it is the first time, click on the [Create new] hyperlink to create a new [Container Apps Environment]

Note: *An environment in Azure Container Apps creates a secure boundary around a group of container apps. Container Apps deployed to the same environment are deployed in the same virtual network and write logs to the same Log Analytics workspace.*



Instructions:

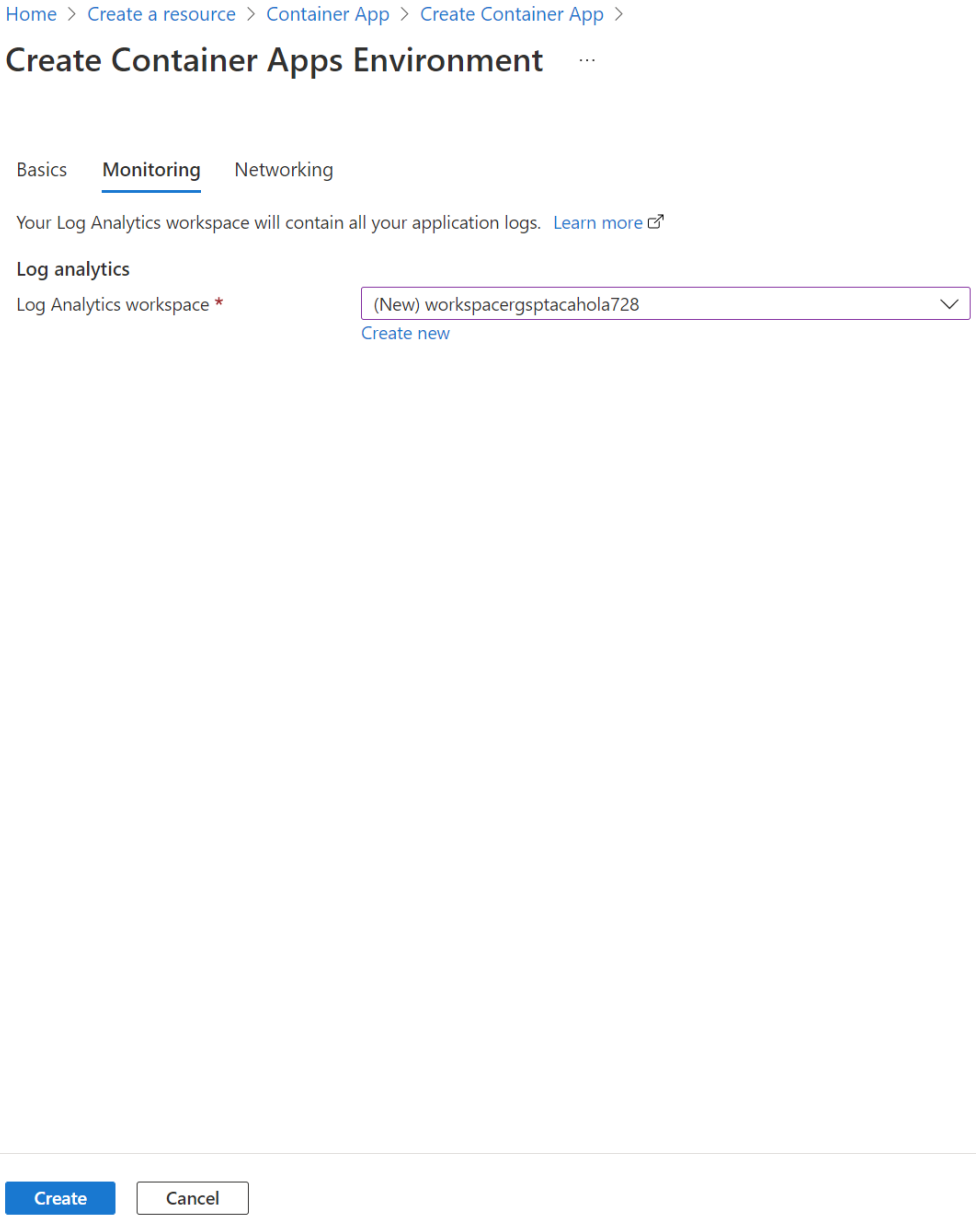
As depicted in the adjoining image – you will be in >

[Create Container Apps Environment - Basics] tab

Environment details

Provide an [Environment name]

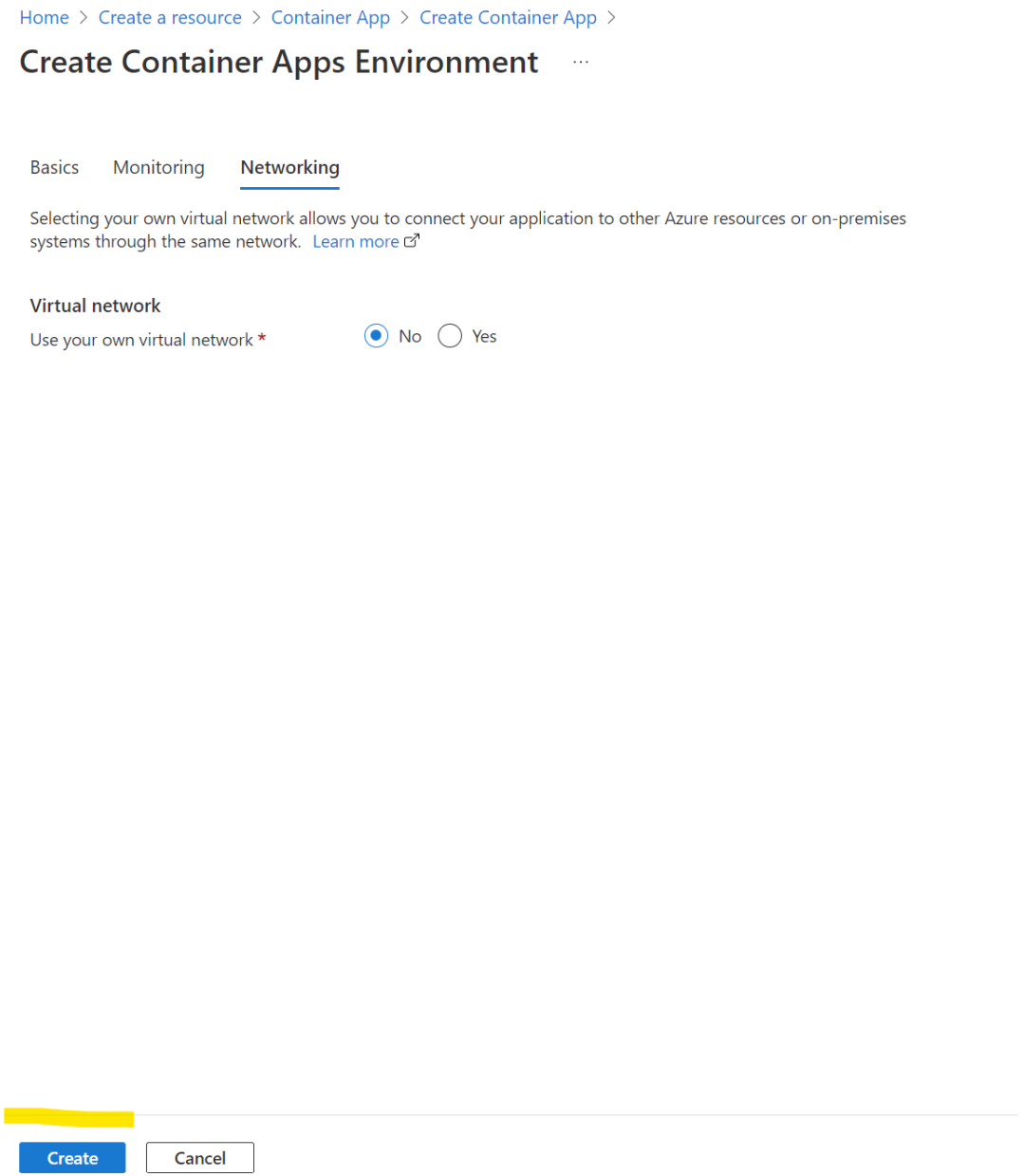
Zone Redundancy (ZR) - The decision to make this Container App Environment - zone redundant is to be made at deployment time. The Container App Environment cannot be made zone redundant If NOT deployed as zone redundant at the time of creation. For Lab 1 - let us leave [Zone redundancy] as [Disabled]



Instructions:

As depicted in the adjoining image – go to the>
[Create Container Apps Environment - Monitoring] tab

A [Log Analytics workspace] name is pre-populated for you. You can choose to [Create new] using the link.



Instructions:

As depicted in the adjoining image – go to the>
[Create Container Apps Environment - Networking] tab

Virtual Network

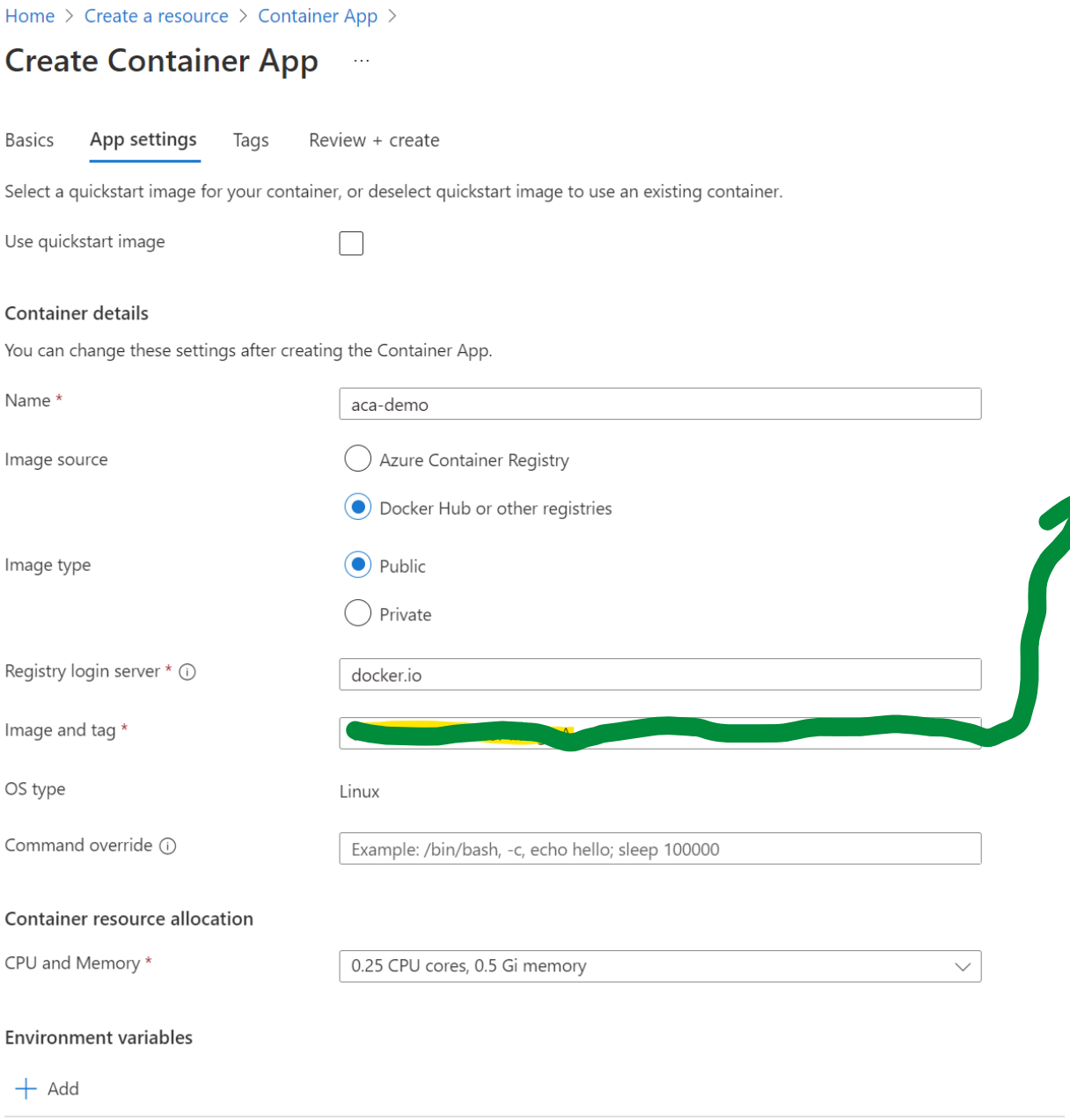
For Lab 1 - we are not going to choose own virtual network (VNet).

But for looking at and learning a bit more - choose [Yes] just to make a note of this part for when you create a container app environment beyond this lab - that you get to choose an existing VNet or [Create new].

And then observe the menu to provide the [Infrastructure subnet] range.

The choice to have the Virtual IP as [Internal] only with the endpoint being an internal load balancer [OR] to expose the apps on an internet accessible IP address is also made here.

Now, revert to choosing [No] and click [Create]



Instructions:

As depicted in the adjoining image – go to the>
[Create Container App - App Settings] tab

Uncheck the [Use quickstart image] check-box as we want to deploy our own sample app; the container image of our app is in the public Docker Hub.

[Container details] *

[Name] Provide a name for the container [Image Source] Select [Docker Hub or other registries]

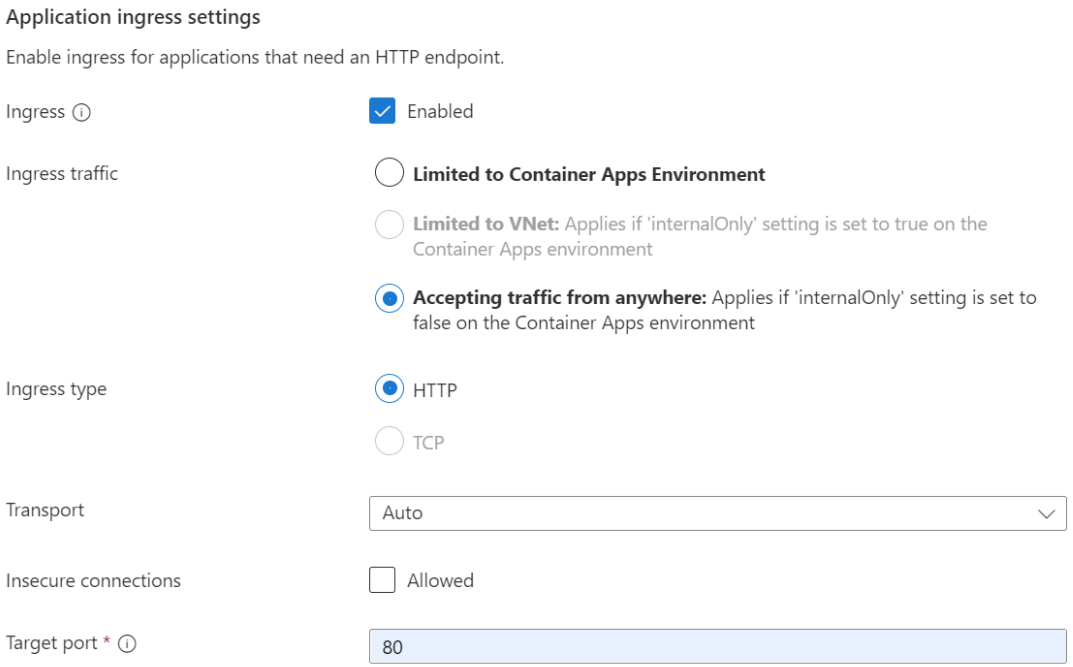
[Image type] * Ensure [Public] is selected

[Registry login server] * can be retained as [docker.io]

[Image and tag]* Enter the value - **dockerr10n/aca-lab1-image:green**

[Container resource allocation] - For this lab retain the default first value but observe that there is a set of choices that can be made based on your container's CPU and memory requirements.

* The instructions assume you are going to use the public Docker registry provided for the lab and the container images in the registry. If you are going to use a different registry or an Azure Container Registry – you would have to select the respective options and provide the values accordingly.



Instructions:

Stay on the same tab →
[Create Container App - App Settings] tab

Scroll down on the same tab and you will see ->

Application ingress settings

[Ingress] - Check/ enable the checkbox

[Ingress traffic] - Select the [Accepting traffic from anywhere] button.

[Ingress type] – Ensure [HTTP] is selected

[Target port] - Enter 80

Home > Create a resource > Container App >

Create Container App ...

Passed

Basics | App settings | Tags | Review + create

Project details

Subscription	[redacted]
Resource group	rg-spt-aca-hol
Name	aca-hol-demo

Container Apps Environment

Region	eastus
Container Apps Environment	managedEnvironment-rgsptacahol-8225

App settings

Name	aca-hol-demo
Image source	Public
Registry login server	docker.io
Image and tag	dockerr10n/aca-lab1-image:green
OS type	Linux
Command	
Number of CPU cores	0.25
Memory size (Gi)	0.5
Ingress settings	Accepting traffic from anywhere
Ingress type	HTTP
Transport	Auto
Insecure connections	Not allowed
Port	80

Create | < Previous | Next | Download a template for automation

Instructions:

Click through [Next: Tags] and then go to [Next: Review + create >] and click on [Create]

Fig. 1

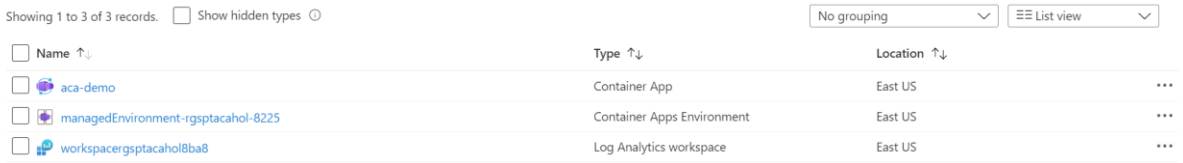
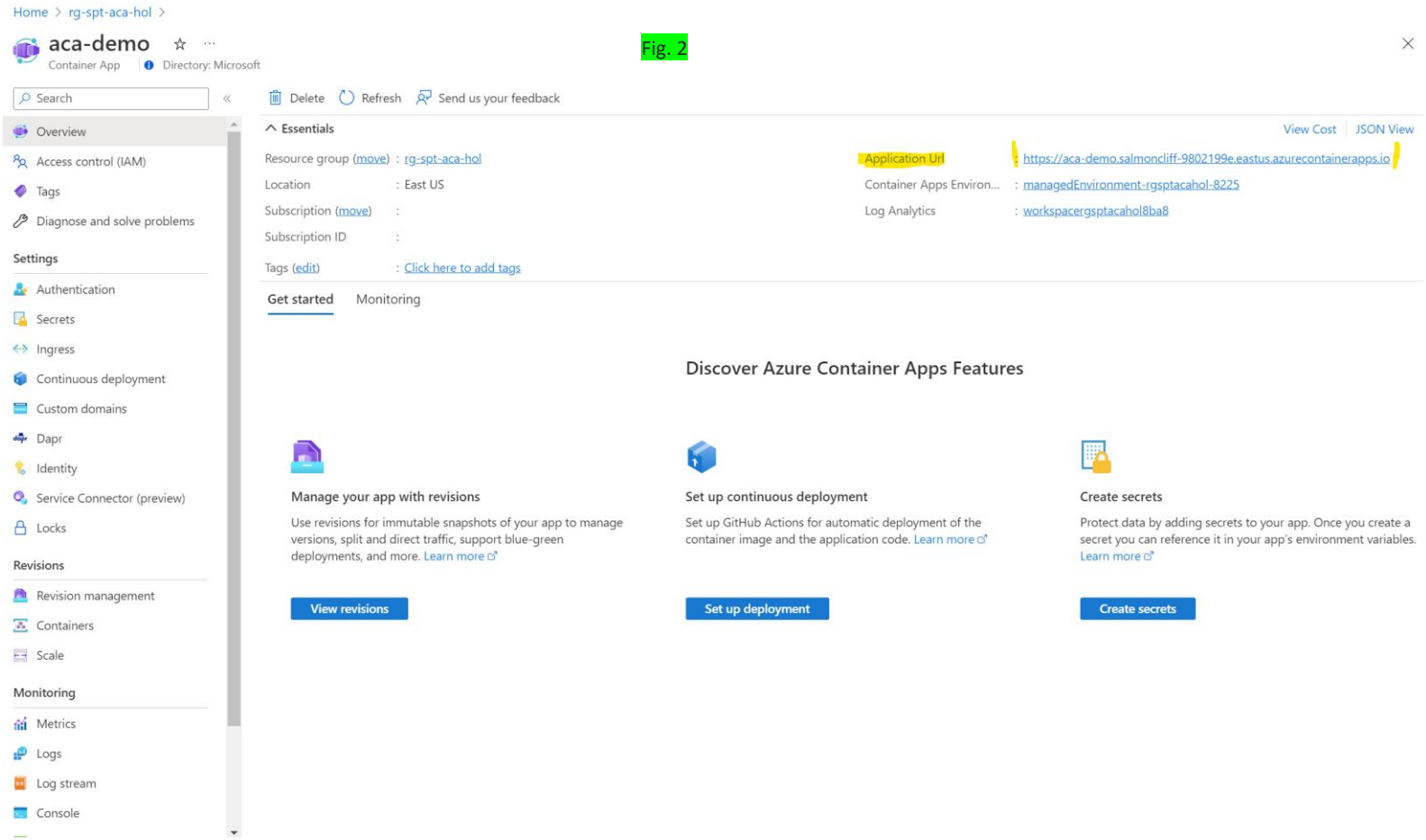


Fig. 2



Instructions:

1. In your resource group observe that the 3 resource types depicted in the [Fig. 1] are created.

2. Click on the **[Container App]** resource ; observe the **Application URI** and click on it as depicted in [Fig.2]

Instructions:

After you click the Application URI - you should see the above displayed in your browser. This is the expected result – you have now created the sample app !

Please go to the Lab instructions in the GitHub repo for the next steps.