**Lesson04 Azure Linux Lab Plan Service**

**Notes: -**

**1-we have .net core app that can hosted in both windows and LINUX O.S**

**(be sure when create app service that resource group belong to is support Linux O.S)**

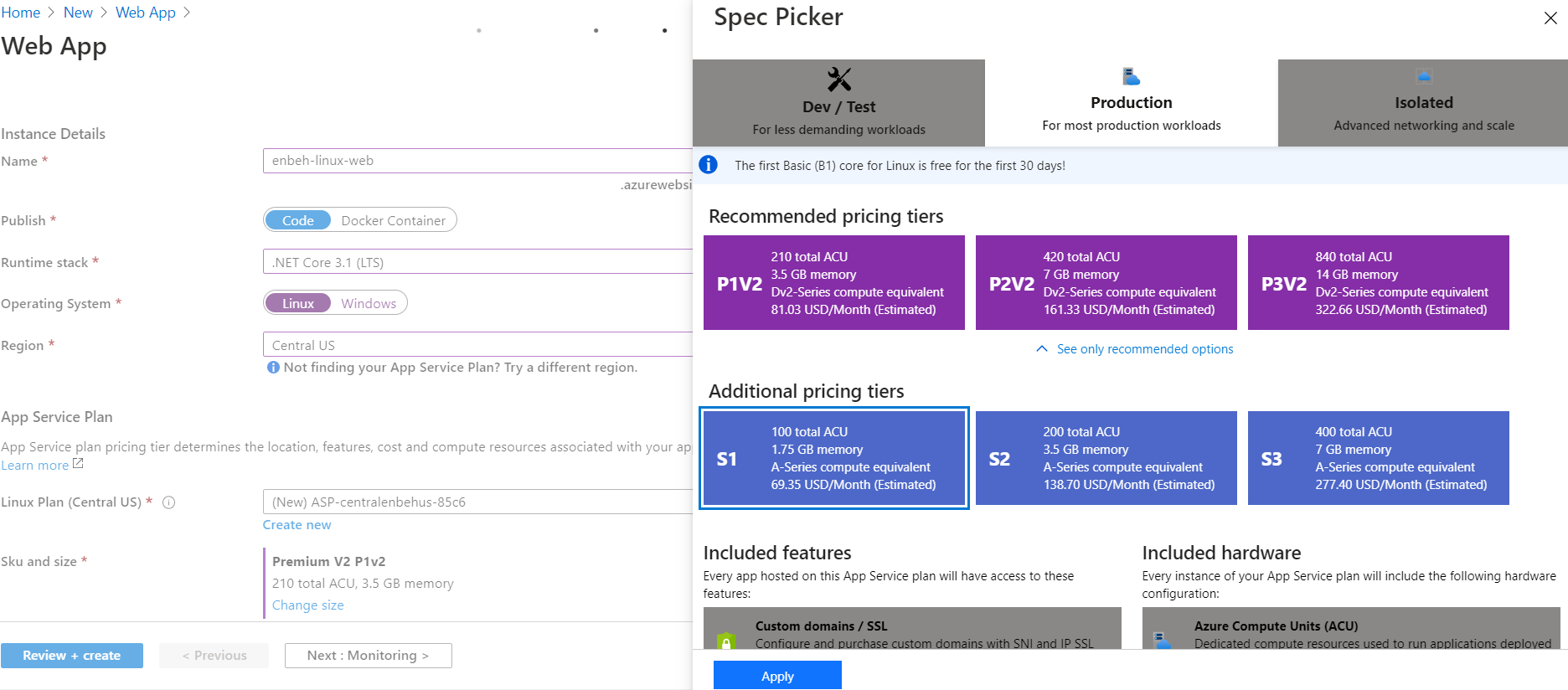
**2-we crate Azure service plan with specify the O.S type and runtime stack (.Net Core 3.1)**

**3-in order to create multiple Azure web app service on the same Azure service plan , they must be on the same region**

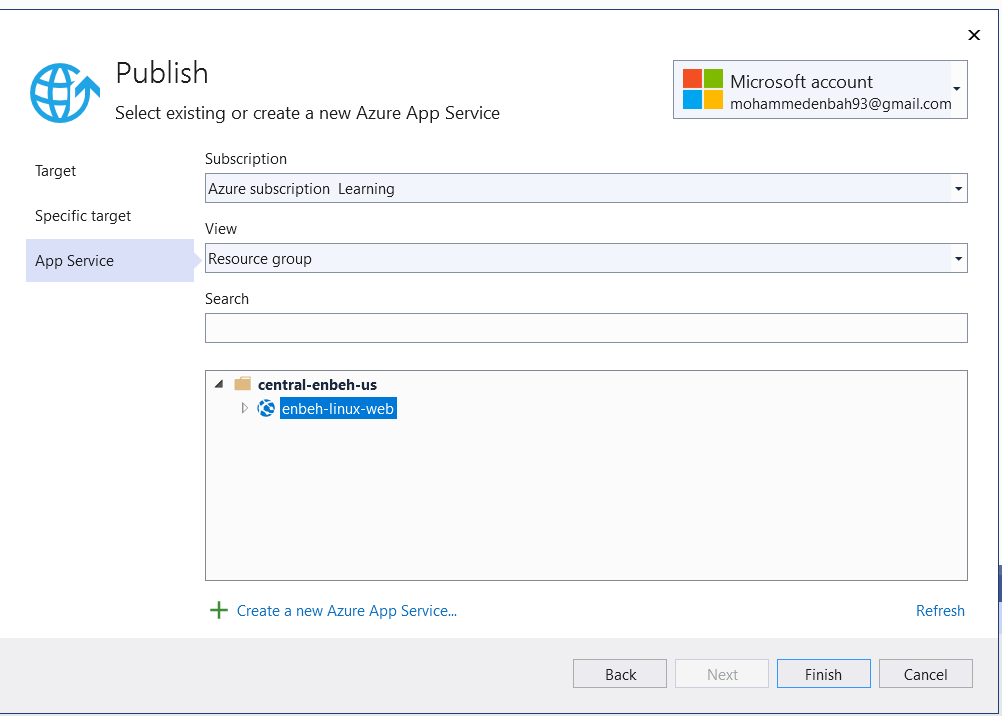
**4-foreach Runtime stack it has its own Azure service plan**

**(we specify the Azure service Plan S1)**

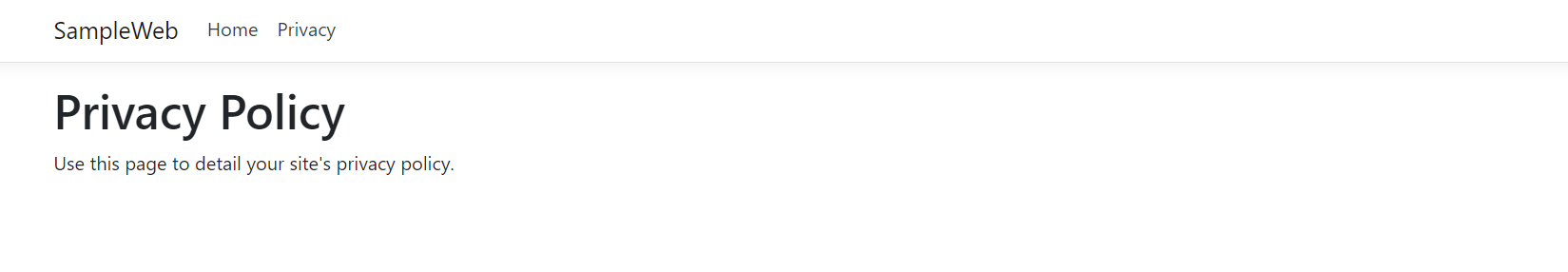
**(make sure that resource group is central-us or support Linux Web App )**



**5-on .Net Core click Publish > Azure App Service (Linux)**



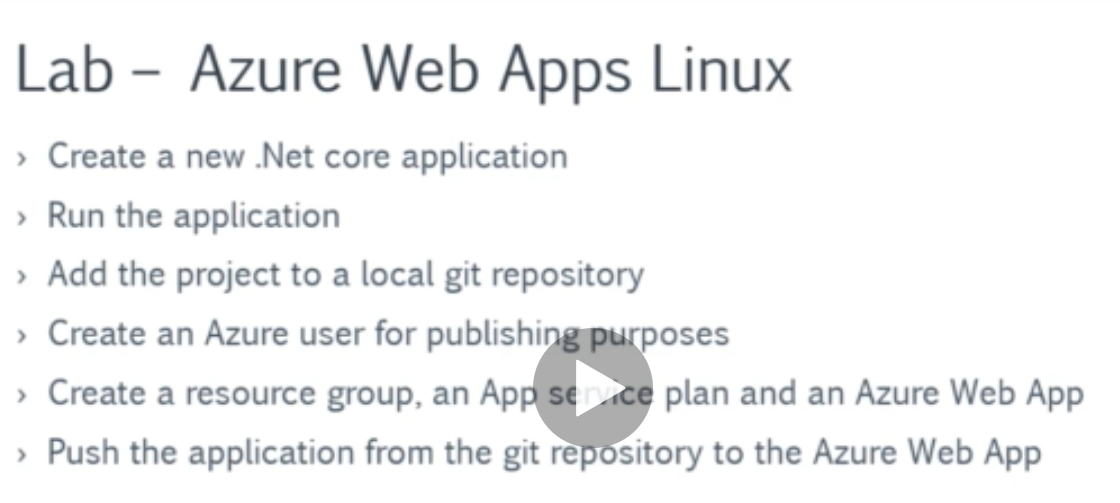
**(You will see that the web app is deployed)**



**6-you can see the CPU utilization and memory utilization etc.**

**Section02 Azure Plan Service Linux Lab using power shell**

**Notes:-**



**1-on azure powershell we execute the following commands**

**$location="West Europe"**

**$resourcegrp="DefaultResourceGroup-WEU"**

**$webappname="demoApp"**

**we issue the command to create a new App Service Plan**

**New-AzAppServicePlan -Name $webappname -Location $location -ResourceGroupName $resourcegrp -Tier Standard -is-linux**

**// Next, we issue the command to create a new Web App with App Service Plan**

**New-AzWebApp -Name $webappname -Location $location -ResourceGroupName $resourcegrp -AppServicePlan $webappname**

**// Next, we issue the command to create a new Web App deployment slot**

**New-AzWebAppSlot -Name $webappname -ResourceGroupName $resourcegrp -Slot "staging"**