Lab 34

Classroom Activity: Creating VM on Azure

Steps to Follow:

Creating Your First Windows VM in Azure cloud

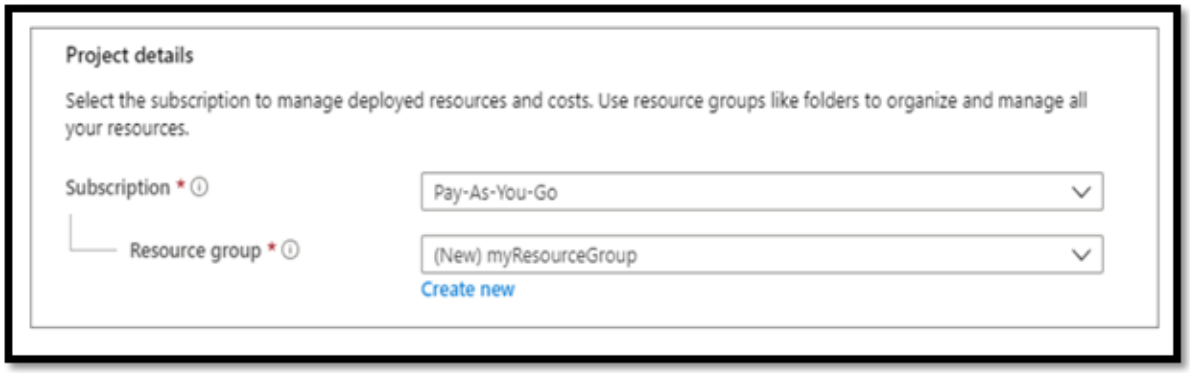
Azure virtual machines (VMs) can be created through the Azure portal. This method provides a browser-based user interface to create VMs and their associated resources. This quick start shows you how to use the Azure portal to deploy a virtual machine (VM) in Azure that runs Windows Server 2019.

Sign in to Azure

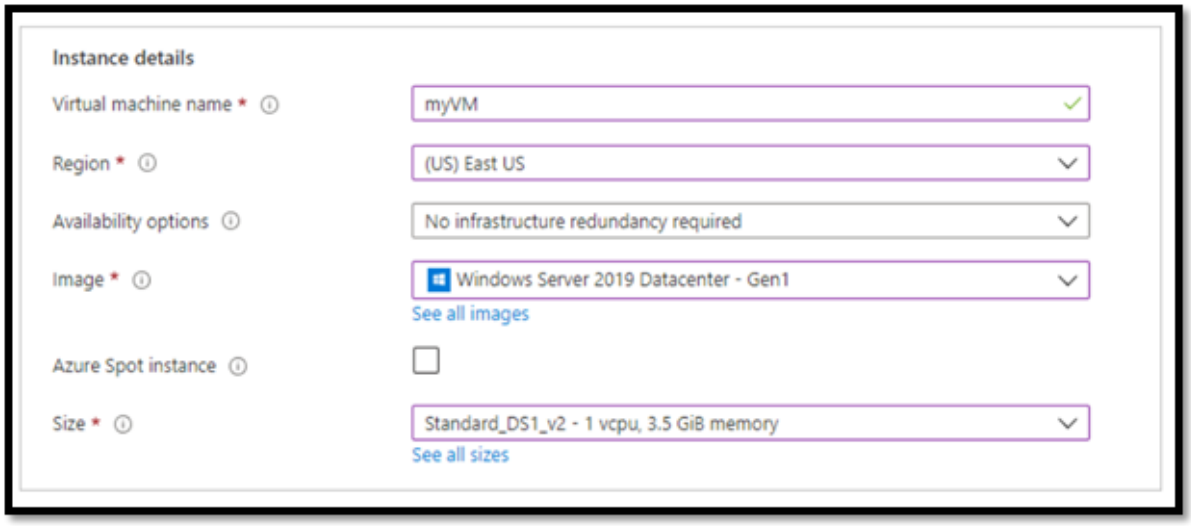
Sign in to the Azure portal at https://portal.azure.com

Create virtual machine

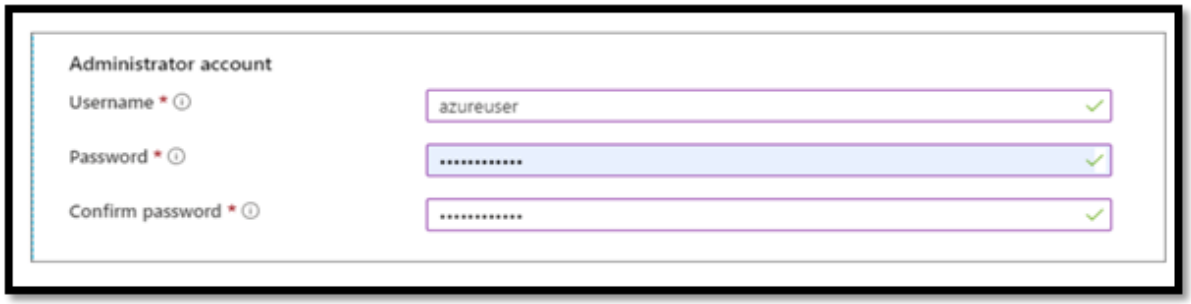
1. Type **virtual machines** in the search.
2. Under **Services**, select **Virtual machines**.
3. In the **Virtual machines** page, select **Add** then **Virtual machine**.
4. In the **Basics** tab, under **Project details**, make sure the correct subscription is selected and then choose to **Create new** resource group. Type *myResourceGroup* for the name.



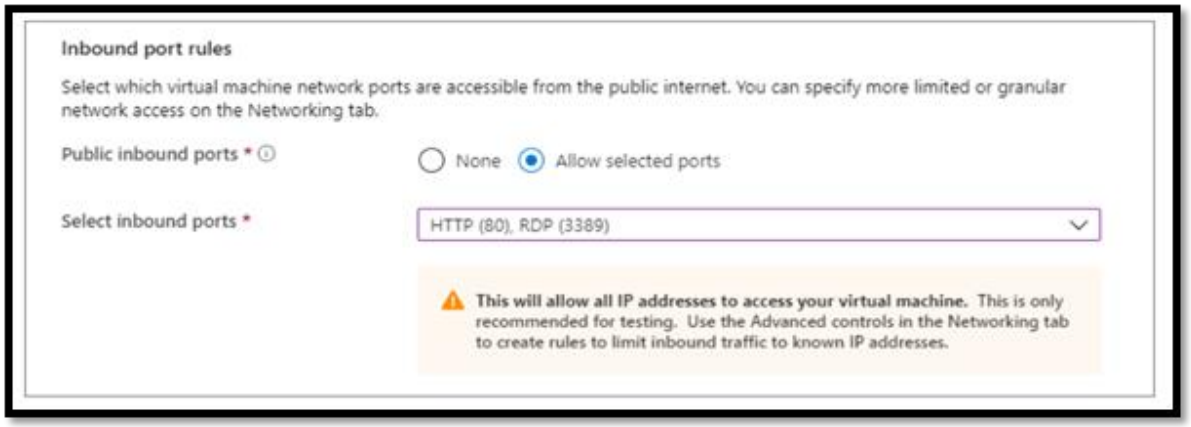
5. Under **Instance details**, type *myVM* for the **Virtual machine name** and choose *East US* for your **Region**. Choose *Windows Server 2019 Datacenter* for the **Image** and *Standard_DS1_v2* for the **Size**. Leave the other defaults.



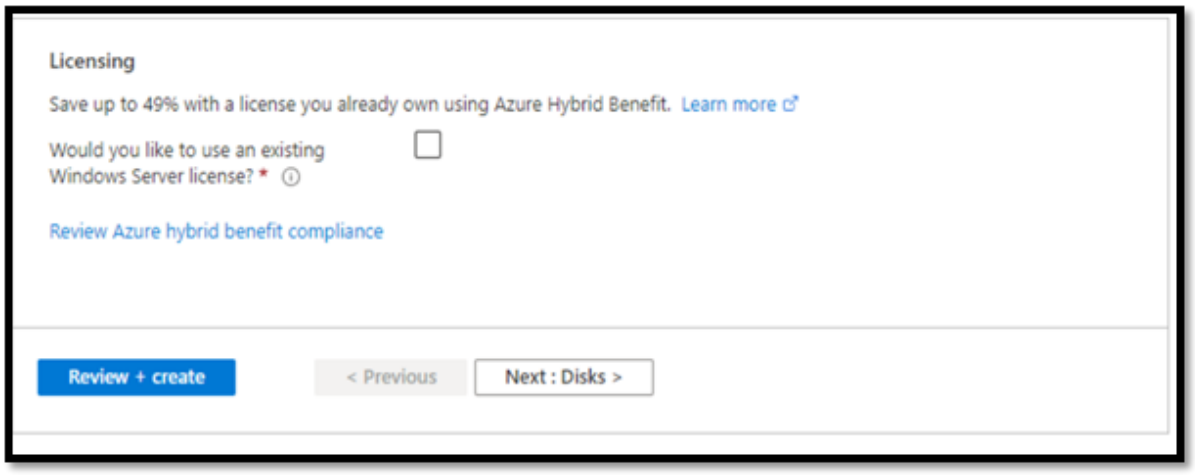
6. Under **Administrator account**, provide a username, such as *azureuser* and a password. The password must be at least 12 characters long and meet the defined complexity requirements.



7. Under **Inbound port rules**, choose **Allow selected ports** and then select **RDP (3389)** and **HTTP (80)** from the drop-down.

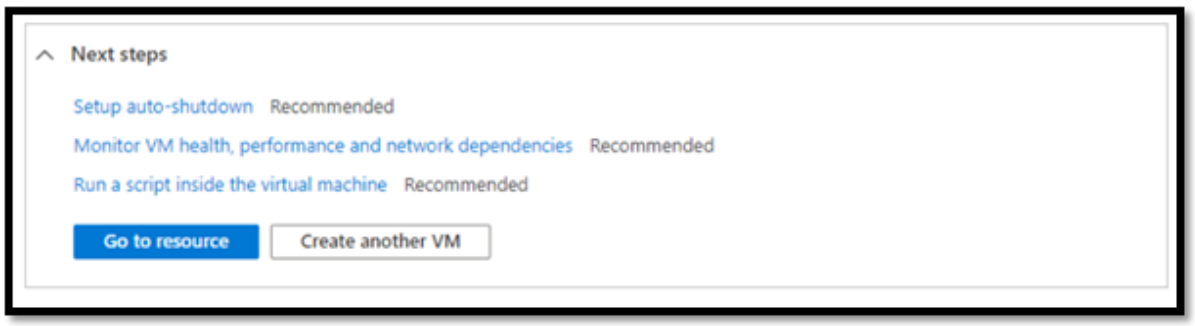


8. Leave the remaining defaults and then select the **Review + create** button at the bottom of the page.



9. After validation runs, select the **Create** button at the bottom of the page.

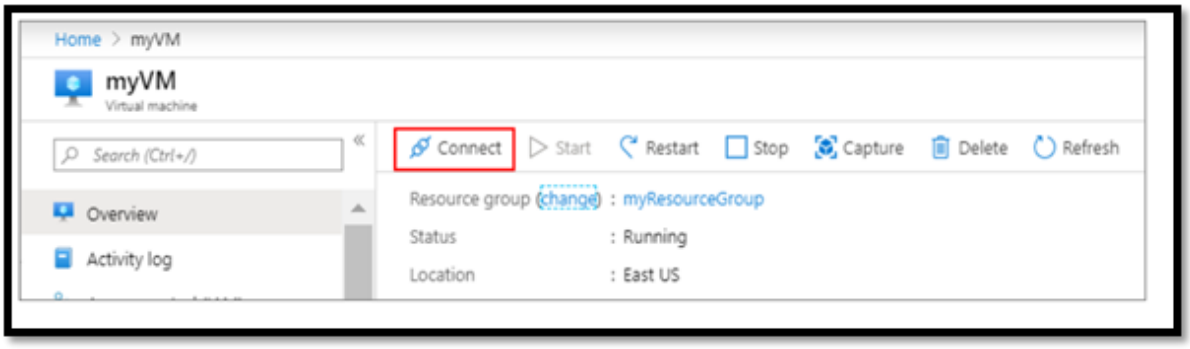
10. After deployment is complete, select **Go to resource**.



Connect to virtual machine

Create a remote desktop connection to the virtual machine. These directions tell you how to connect to your VM from a Windows computer. On a Mac, you need an RDP client such as this Remote Desktop Client from the Mac App Store.

1. On the overview page for your virtual machine, select the **Connect** button then select **RDP**.



2. In the **Connect with RDP** page, keep the default options to connect by IP address, over port 3389, and click **Download RDP file**.

3. Open the downloaded RDP file and click **Connect** when prompted.

4. In the **Windows Security** window, select **More choices** and then **Use a different account**. Type the username as **localhost***username*, enter the password you created for the virtual machine, and then click **OK**.

5. You may receive a certificate warning during the sign-in process. Click **Yes** or **Continue** to create the connection.

Clean up resources

When no longer needed, you can delete the resource group, virtual machine, and all related resources.

Go to the resource group for the virtual machine, then select **Delete resource group**. Confirm the name of the resource group to finish deleting the resources.