**To deploy a Windows machine in the Azure portal using an image, you can follow these steps:**

1. \*\*Log in to Azure Portal:\*\*

- Go to [Azure Portal](https://portal.azure.com) and log in with your Azure account credentials.

2. \*\*Navigate to Virtual Machines:\*\*

- In the left-hand menu, select "Virtual Machines," or use the search bar at the top to search for "Virtual Machines."

3. \*\*Create a New Virtual Machine:\*\*

- Click on the "+ Add" or "+ Create" button to create a new virtual machine.

4. \*\*Basics Tab:\*\*

- \*\*Subscription:\*\* Select the subscription you want to use.

- \*\*Resource group:\*\* Choose an existing resource group or create a new one.

- \*\*Virtual machine name:\*\* Provide a name for your VM.

- \*\*Region:\*\* Select the region where you want to deploy your VM.

- \*\*Availability options:\*\* Choose the availability options that fit your requirements.

- \*\*Image:\*\* Click on "See all images" or "Browse all public and private images."

- \*\*Search for a Windows image:\*\* In the list of available images, find and select the Windows image you want to use (e.g., Windows Server 2019 Datacenter, Windows 10, etc.).

- \*\*Size:\*\* Select the size of the VM according to your needs and budget.

5. \*\*Administrator Account:\*\*

- \*\*Username:\*\* Enter a username for the VM.

- \*\*Password:\*\* Enter and confirm a strong password.

6. \*\*Inbounds Port Rules:\*\*

- Choose the inbound ports you want to allow (e.g., RDP (3389) for remote desktop access).

7. \*\*Disks:\*\*

- Configure the disk options as per your requirements. You can use the default settings or customize the OS disk and add data disks.

8. \*\*Networking:\*\*

- Configure the virtual network, subnet, public IP, and network security group (NSG) settings. You can use the default options or customize as needed.

9. \*\*Management:\*\*

- Configure monitoring and management options such as boot diagnostics, OS guest diagnostics, Auto-shutdown, and identity settings.

10. \*\*Advanced:\*\*

- Configure advanced settings like extensions, cloud-init, and custom data.

11. \*\*Tags:\*\*

- Add tags to organize your resources if needed.

12. \*\*Review + Create:\*\*

- Review all your configurations, and if everything looks good, click on "Create."

13. \*\*Deployment:\*\*

- Wait for the deployment to complete. Once the VM is created, you can access it using the public IP address and the credentials you set up.

### Using a Custom Image

If you have a custom image that you want to use, follow these additional steps before creating the VM:

1. \*\*Upload the Custom Image:\*\*

- Navigate to "Images" in the Azure portal.

- Click "+ Add" to add a new image.

- Fill in the details and upload your VHD file.

2. \*\*Create VM from Custom Image:\*\*

- When selecting the image in the "Basics" tab, choose "My Items" to select your custom image from the list.

By following these steps, you can successfully deploy a Windows machine in Azure using an image. If you have any specific requirements or need further customization, feel free to ask!