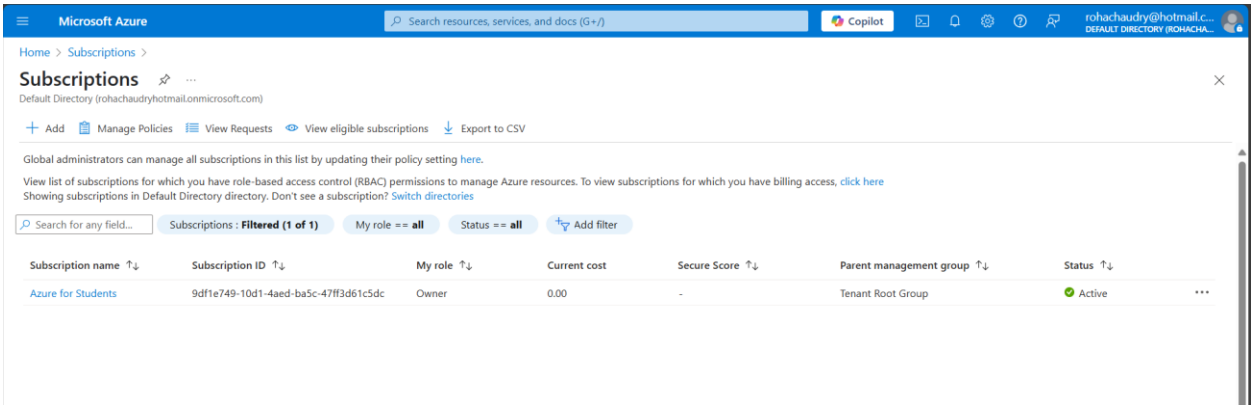
2025

Azure Lab 01

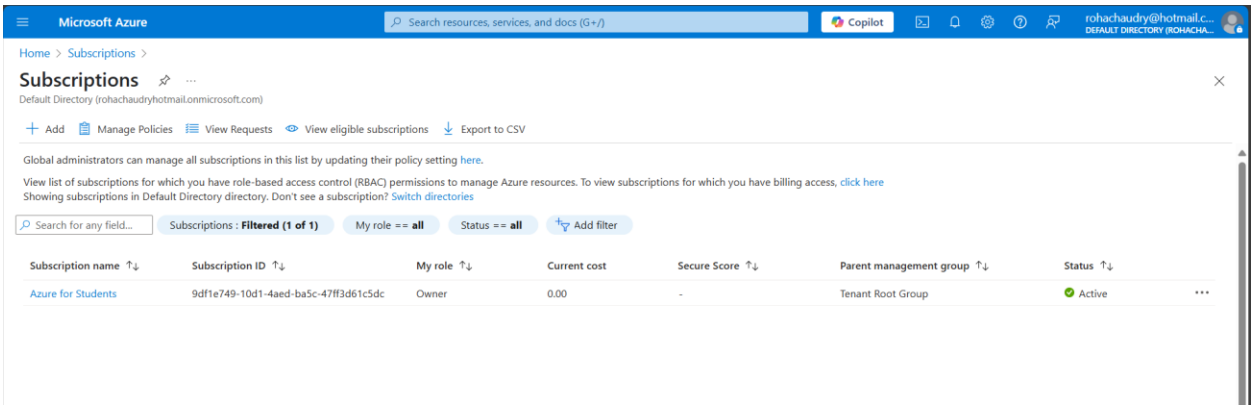
CREATE A VIRTUAL MACHINE IN THE AZURE PORTAL, CONNECT TO THE VIRTUAL MACHINE, INSTALL THE WEB SERVER ROLE AND TEST

ROHA ALI (2112124)

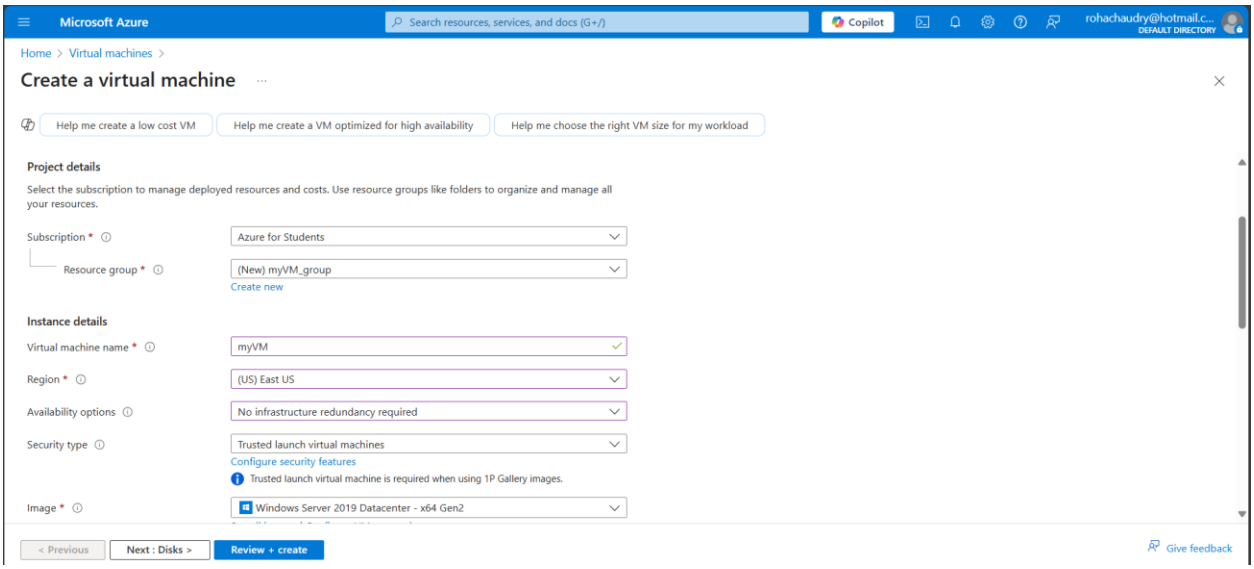
1. Sign-in to the Azure portal: https://portal.azure.com

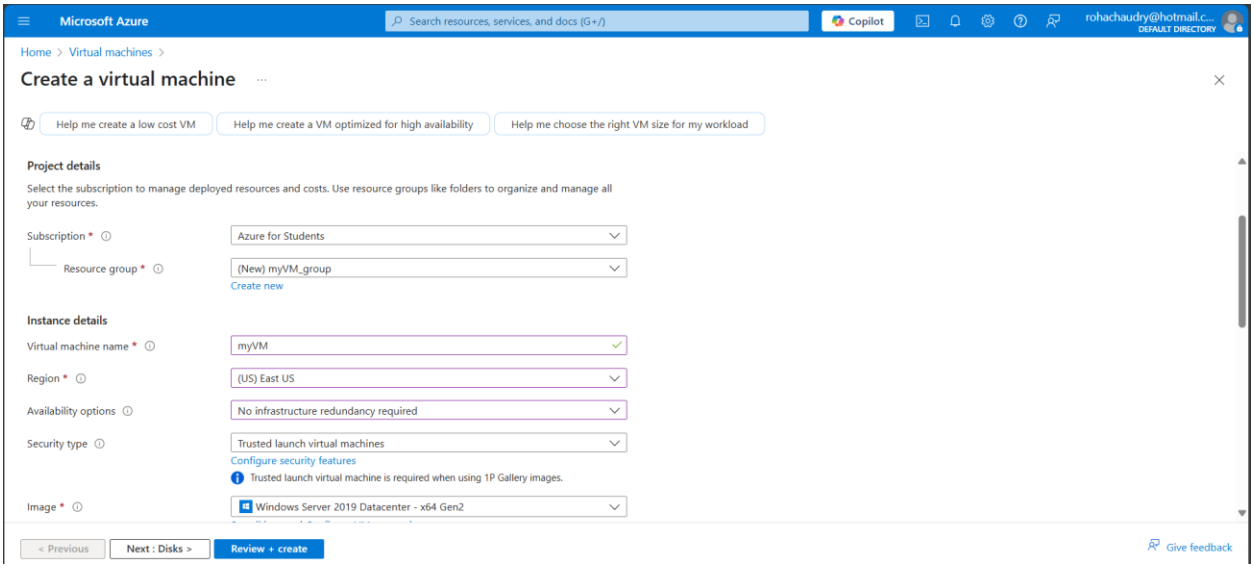


2. From the All services blade in the Portal Menu, search for and select Virtual machines, and then click +Create and choose +Azure Virtual machine from the drop down.

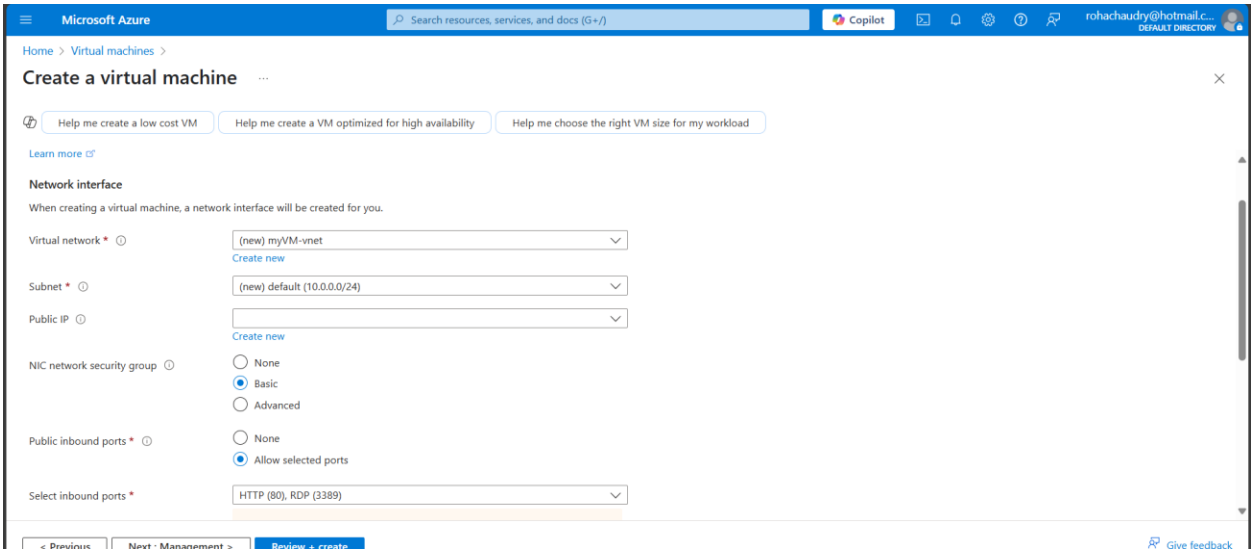


3. On the Basics tab, fill in the following information (leave the defaults for everything else):

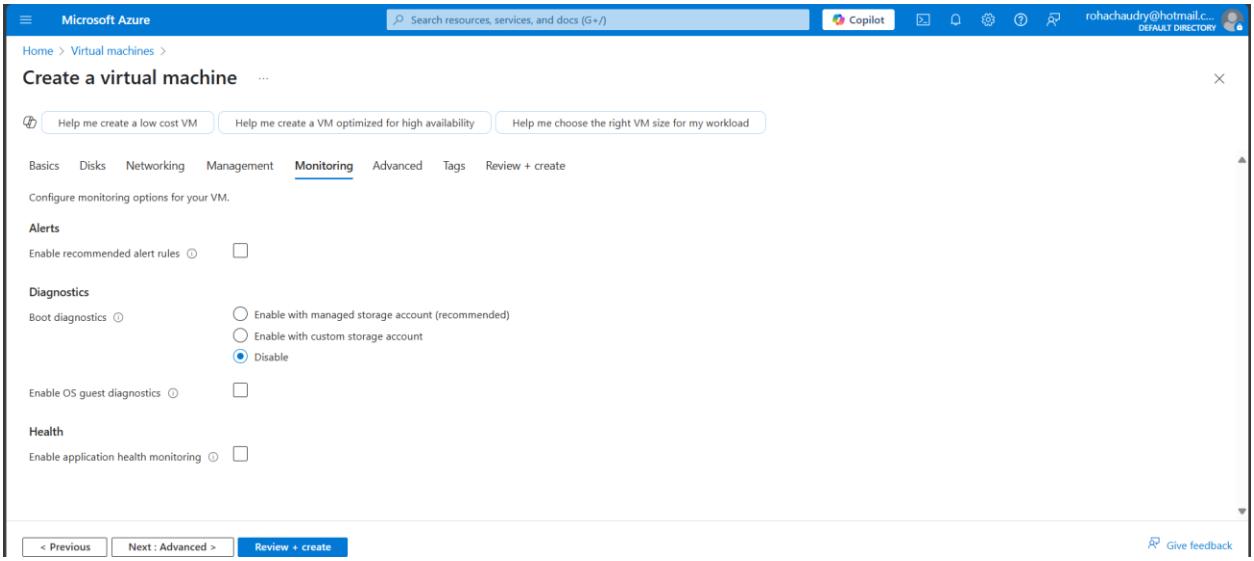




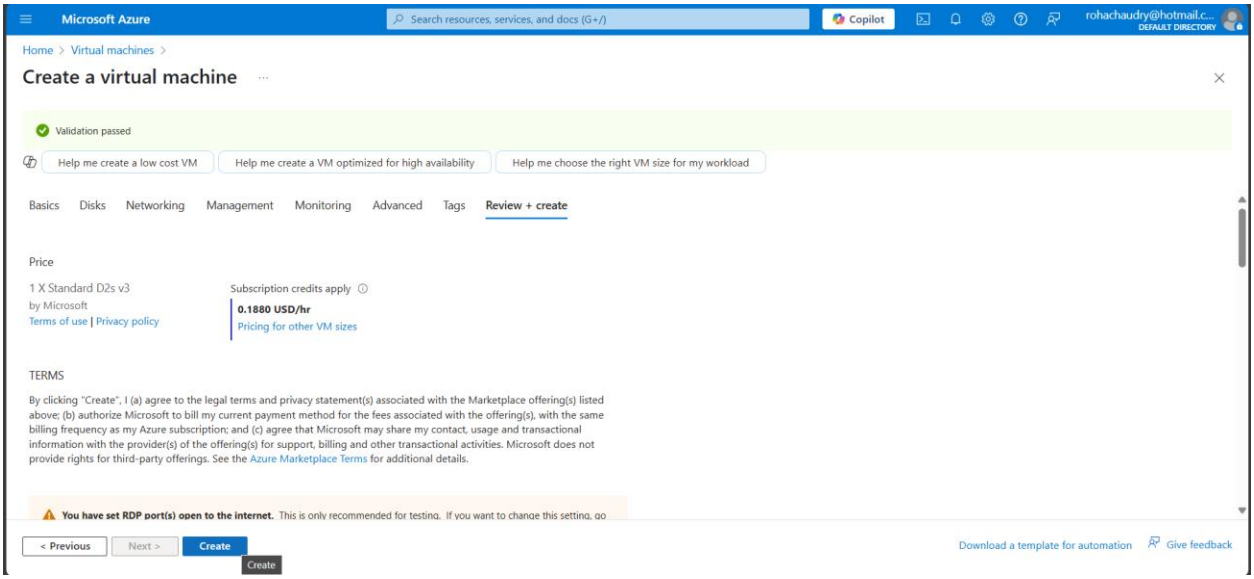
4. Switch to the Networking tab to ensure HTTP (80) and RDP (3389) are selected in section Select inbound ports.



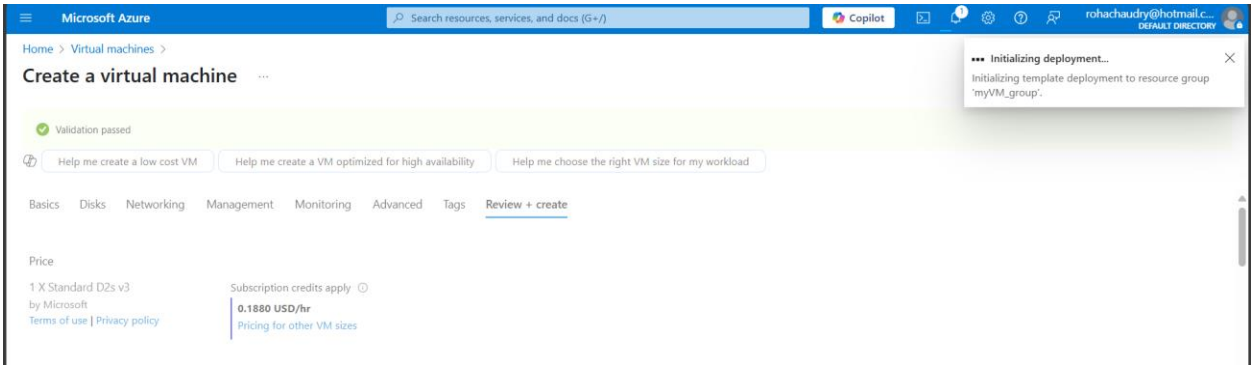
5. Switch to the Management tab, and in its Monitoring section, select the following setting:



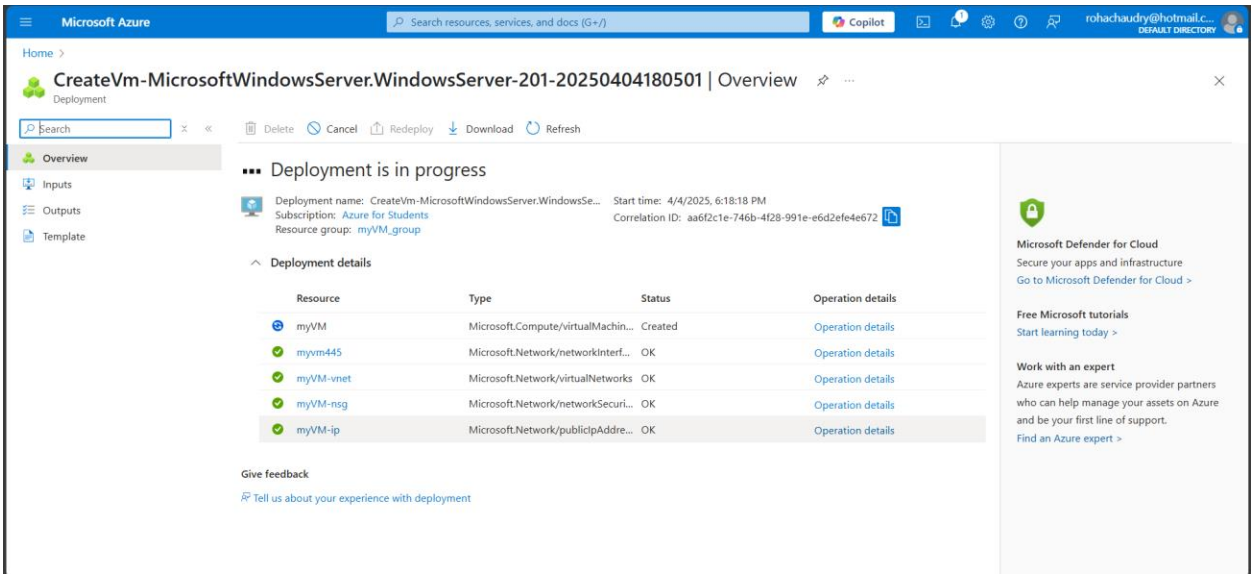
6. Leave the remaining values on the defaults and then click the Review + create button at the bottom of the page.



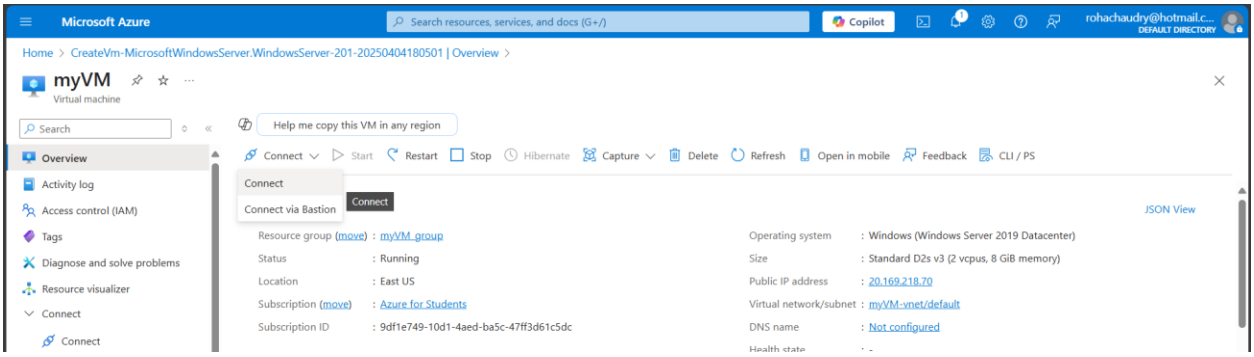
7. Once Validation is passed click the Create button. It can take anywhere from five to seven minutes to deploy the virtual machine.



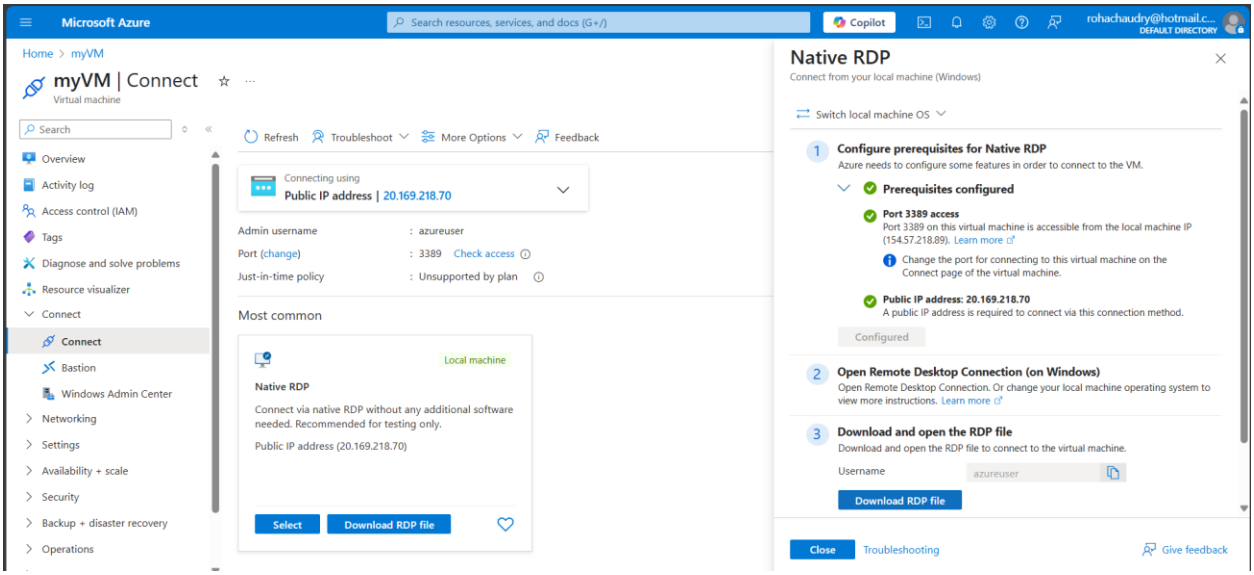
8. You will receive updates on the deployment page and via the Notifications area (the bell icon in the top menu bar).



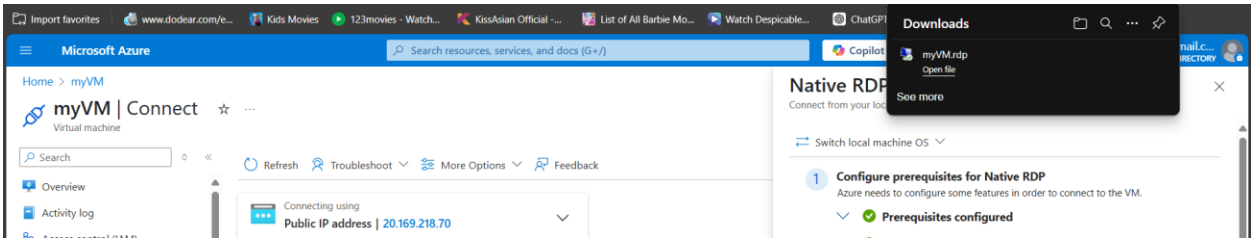
1. Click on bell icon from the upper blue toolbar, and select ‘Go to resource’ when your deployment has succeeded.



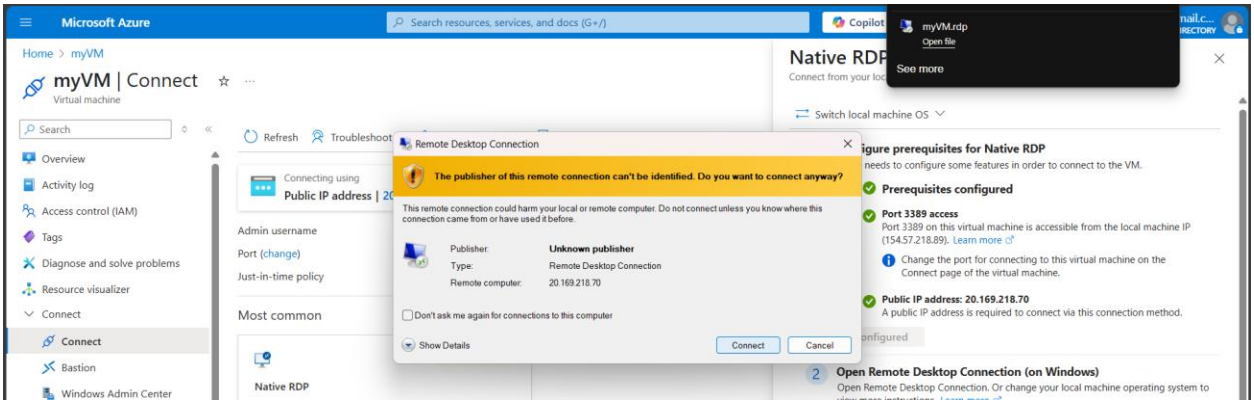
2. On the virtual machine Overview blade, click Connect button and choose RDP from the drop down.



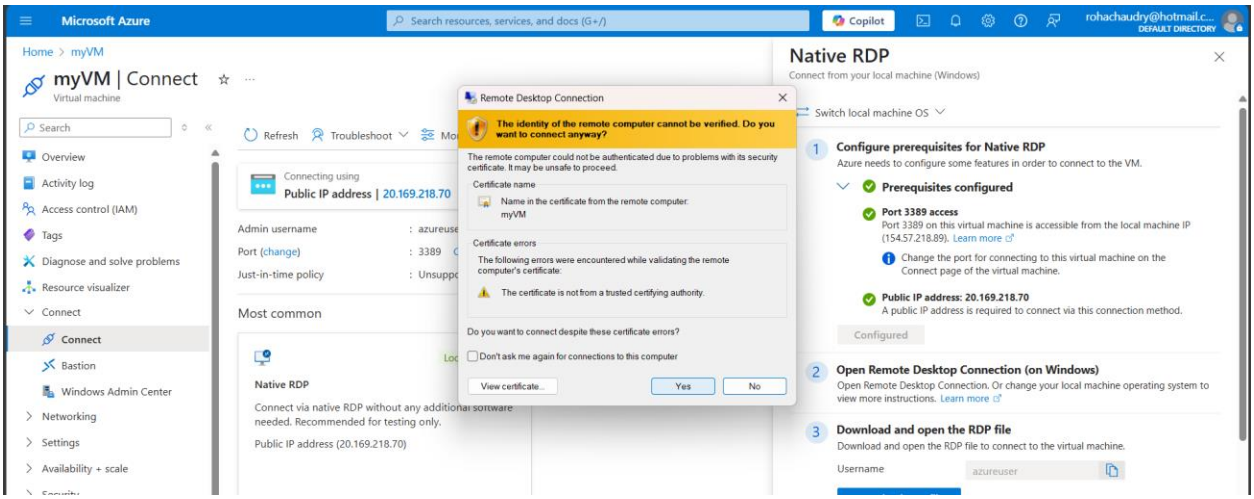
3. On the Connect to virtual machine page, keep the default options to connect with the public IP address over port 3389 and click Download RDP File. A file will download on the bottom left of your screen.



4. Open the downloaded RDP file (located on the bottom left of your lab machine) and click Connect when prompted.

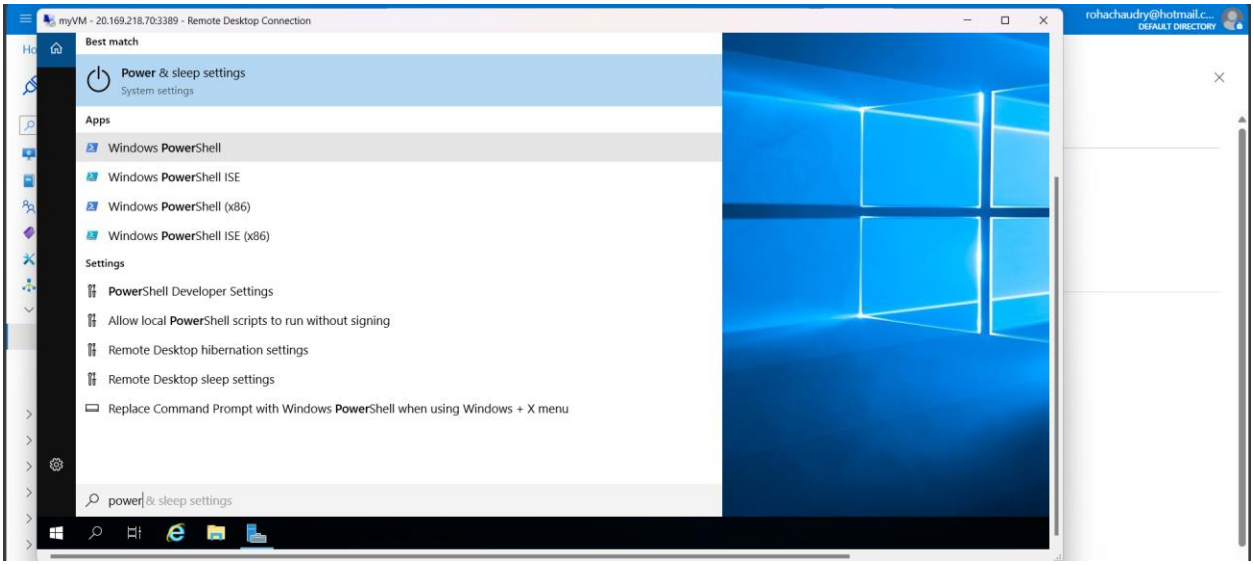


5. In the Windows Security window, sign in using the Admin Credentials you used when creating your VM azureuser and the password Pa$$w0rd1234.

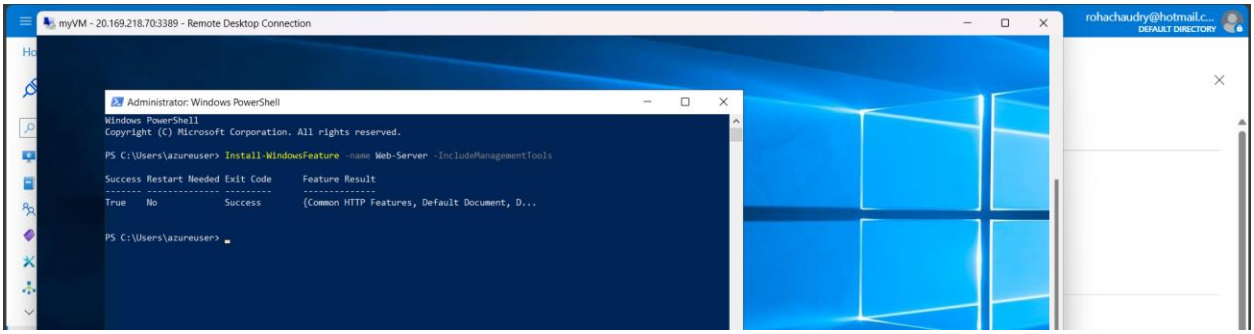


6. You may receive a warning certificate during the sign-in process. Click Yes or to create the connection and connect to your deployed VM. You should connect successfully.

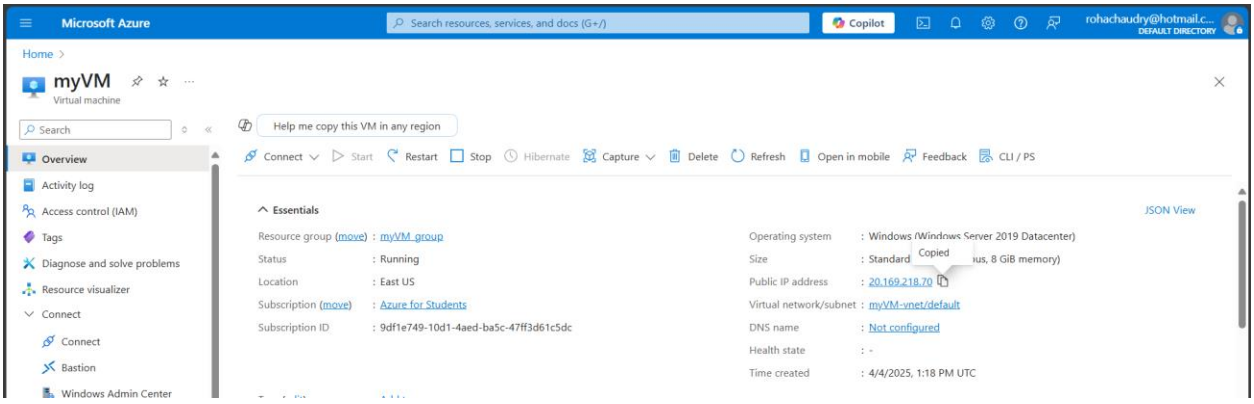
1. In the newly opened virtual machine, launch PowerShell by searching PowerShell in the search bar, when found right click Windows PowerShell to Run as administrator.



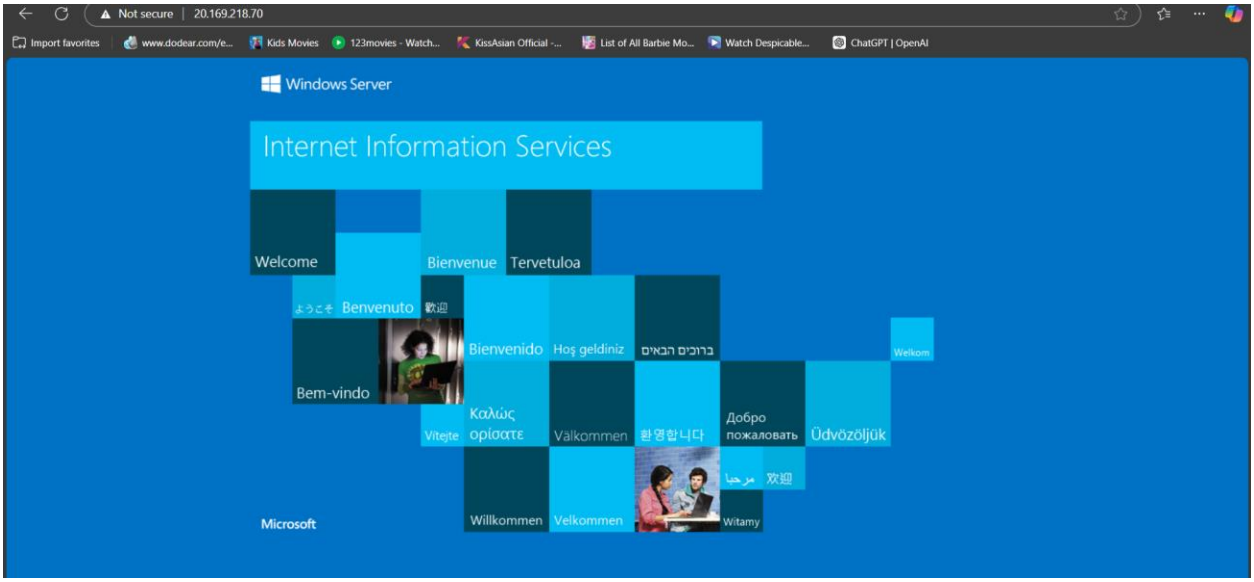
2. In PowerShell, install the Web-Server feature on the virtual machine by running the following command. (Paste in the command and hit ENTER for the installment to begin).



3. Back in the portal, navigate back to the Overview blade of myVM and, use the Click to clipboard button to copy the public IP address of myVM, then open a new browser tab, paste the public IP address into the URL text box, and press the Enter key to browse to it.



4. The default IIS Web Server welcome page will be displayed.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