**Microsoft Azure**

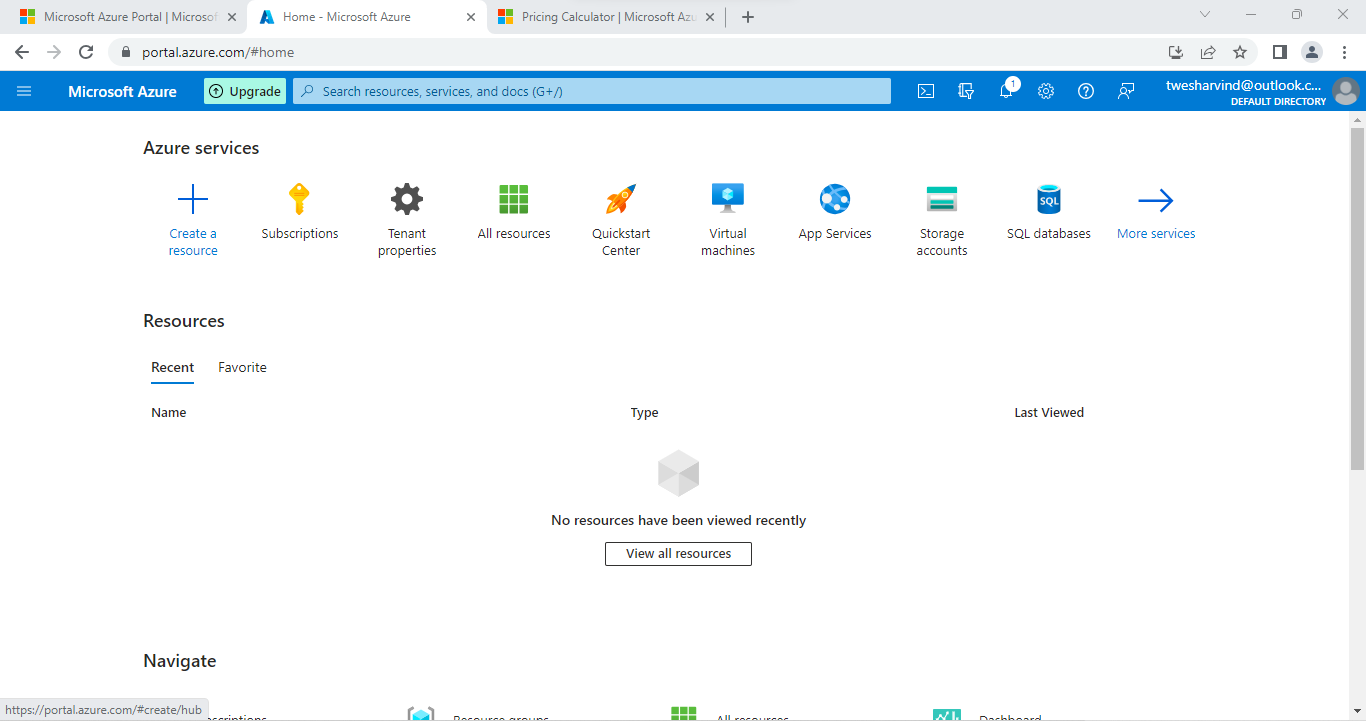
**Aim:** To deploy a webserver on a virtual machine.

**Learning Objectives:**

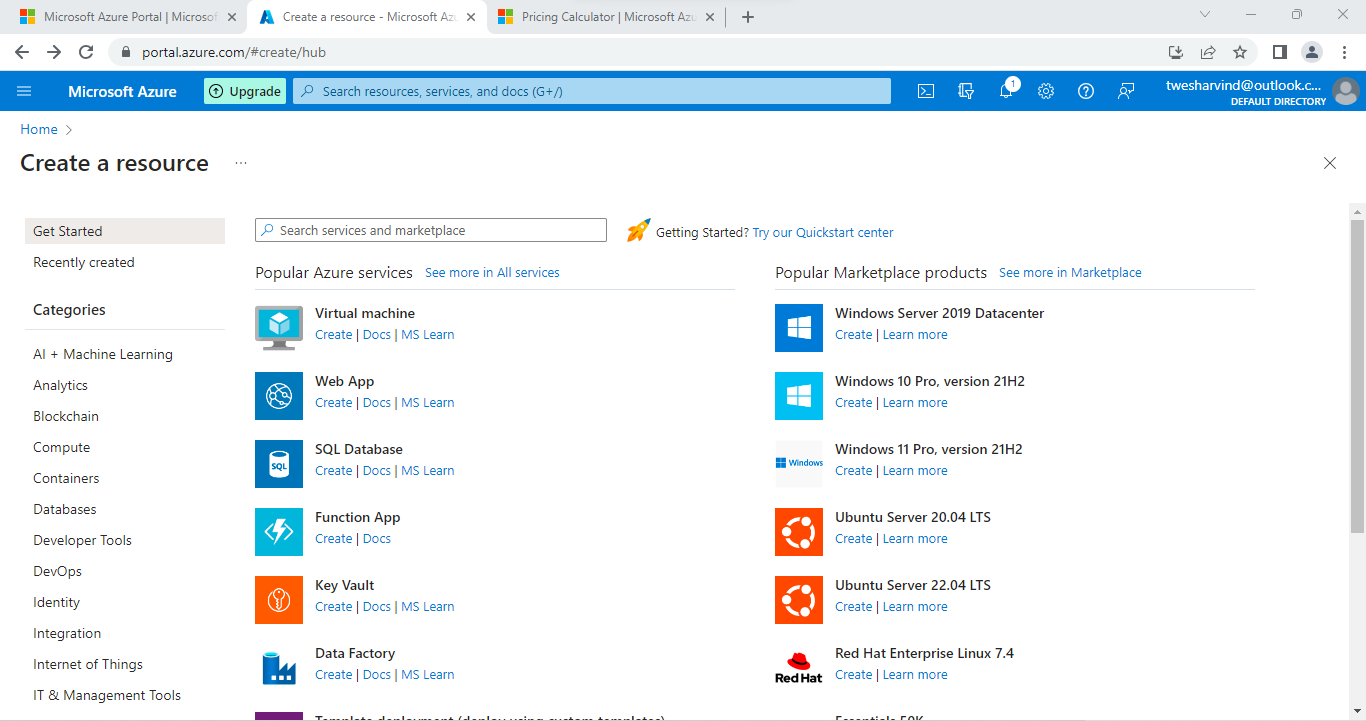
* How to create and account on azure
* Learn about how the azure platforms works
* Steps to create a virtual machine
* Deploy a webserver on the virtual machine.

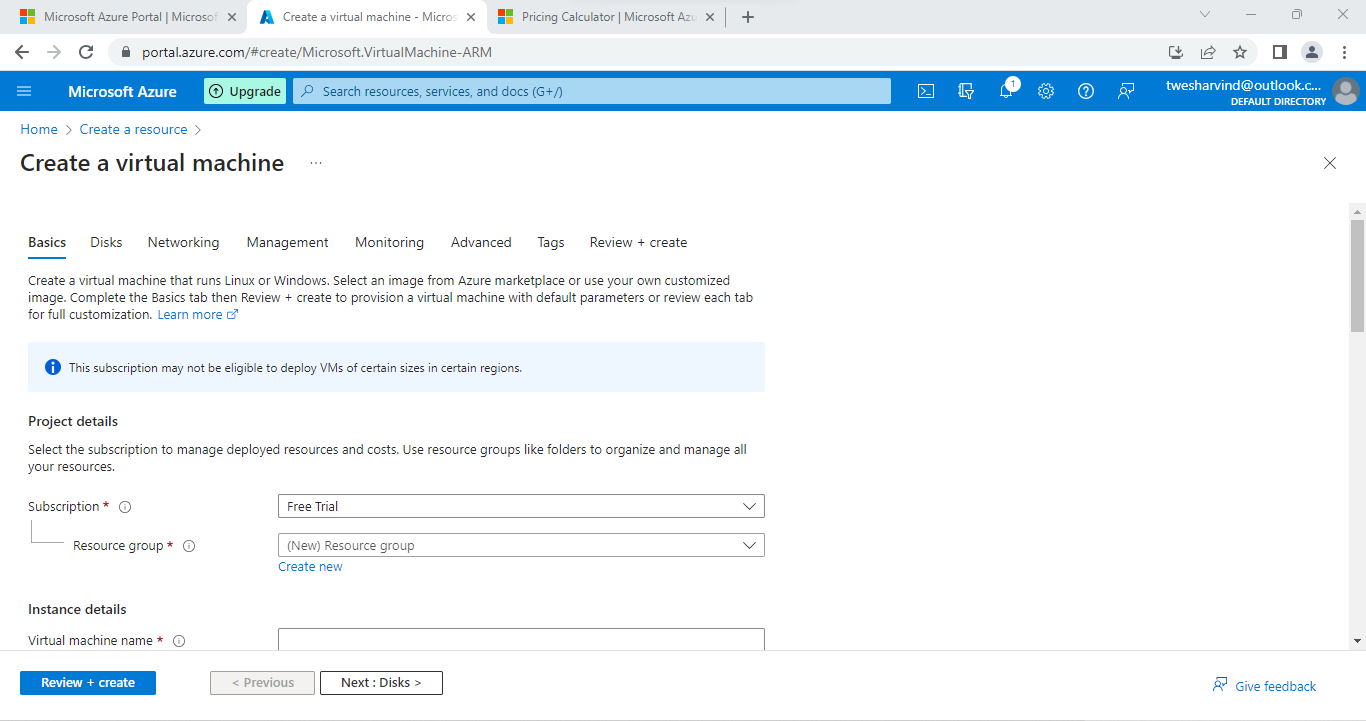
**Screenshots:**

Home page

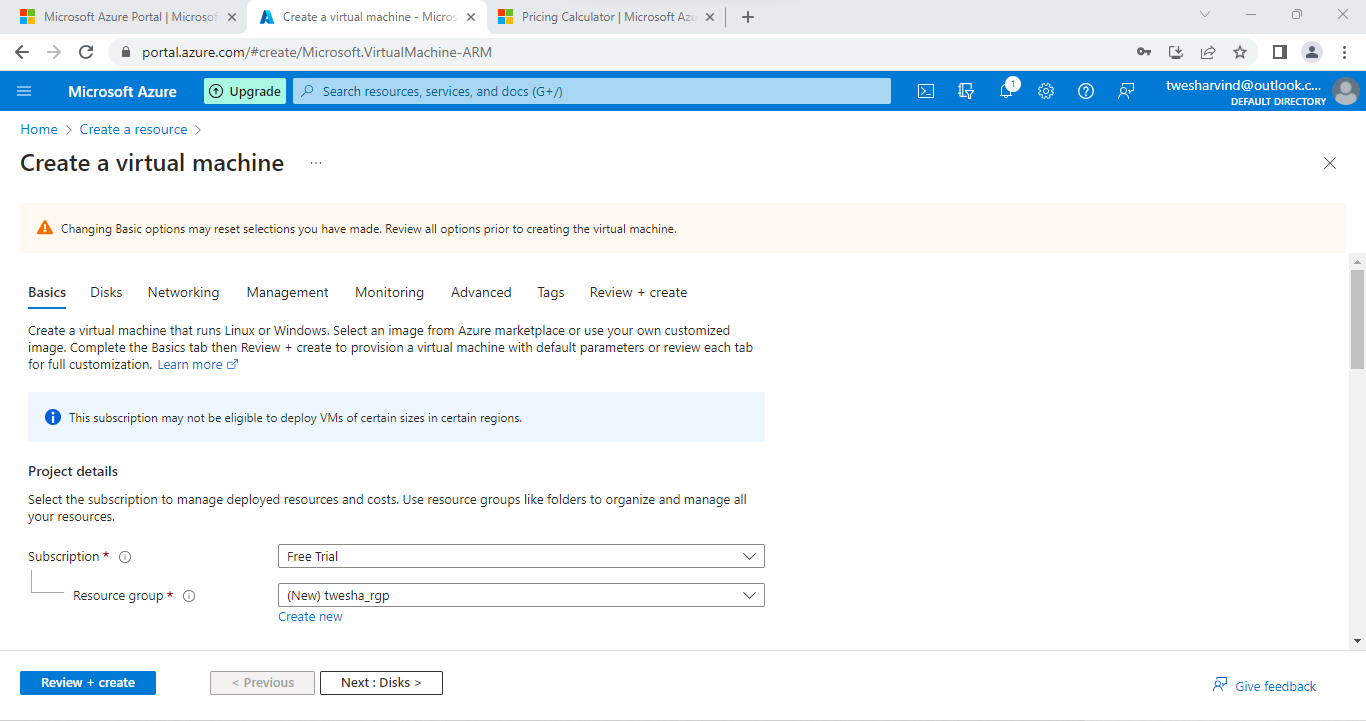


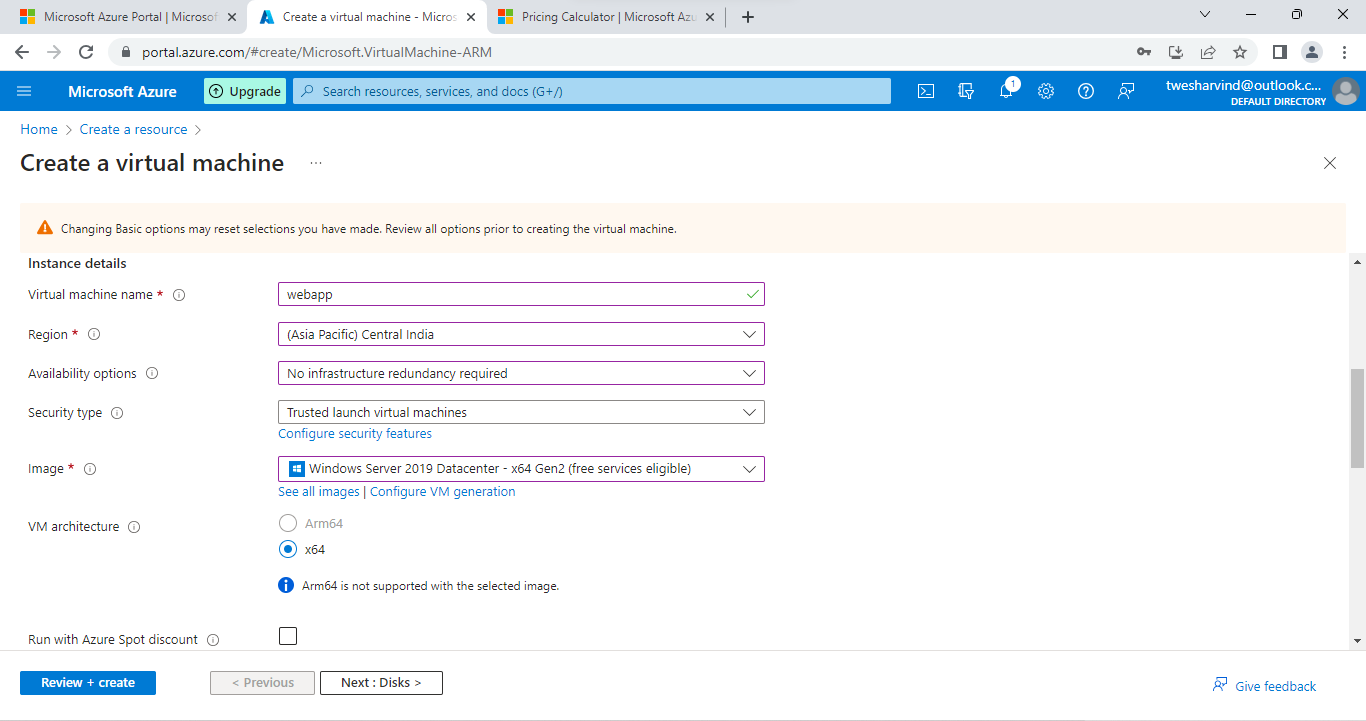
Creating a resource

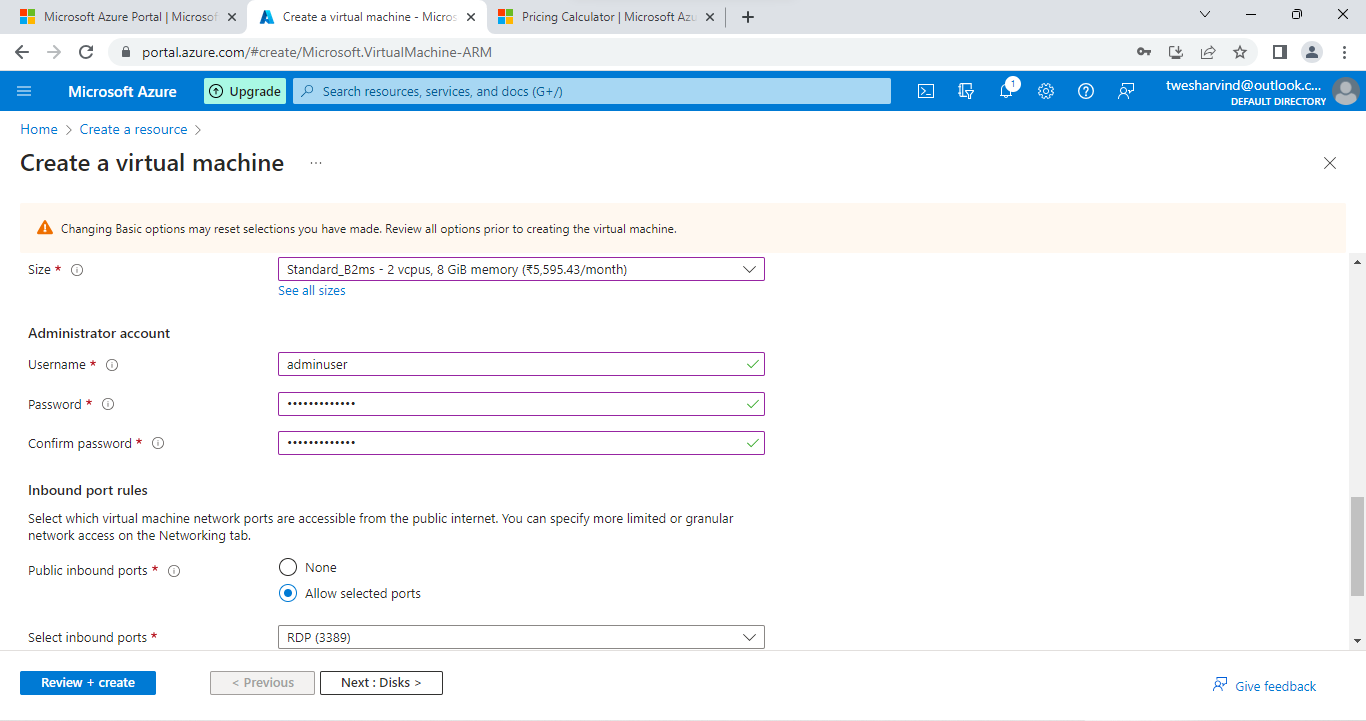


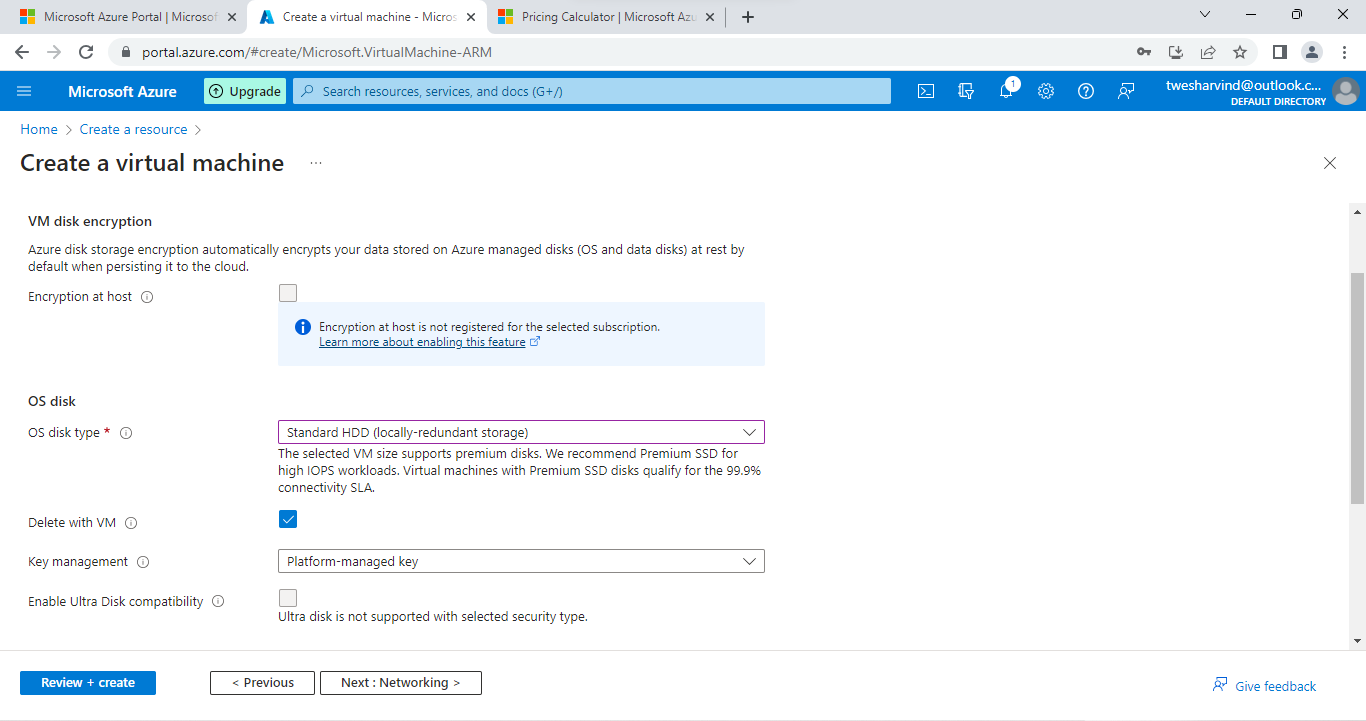
Configuring the settings for Virtual machine

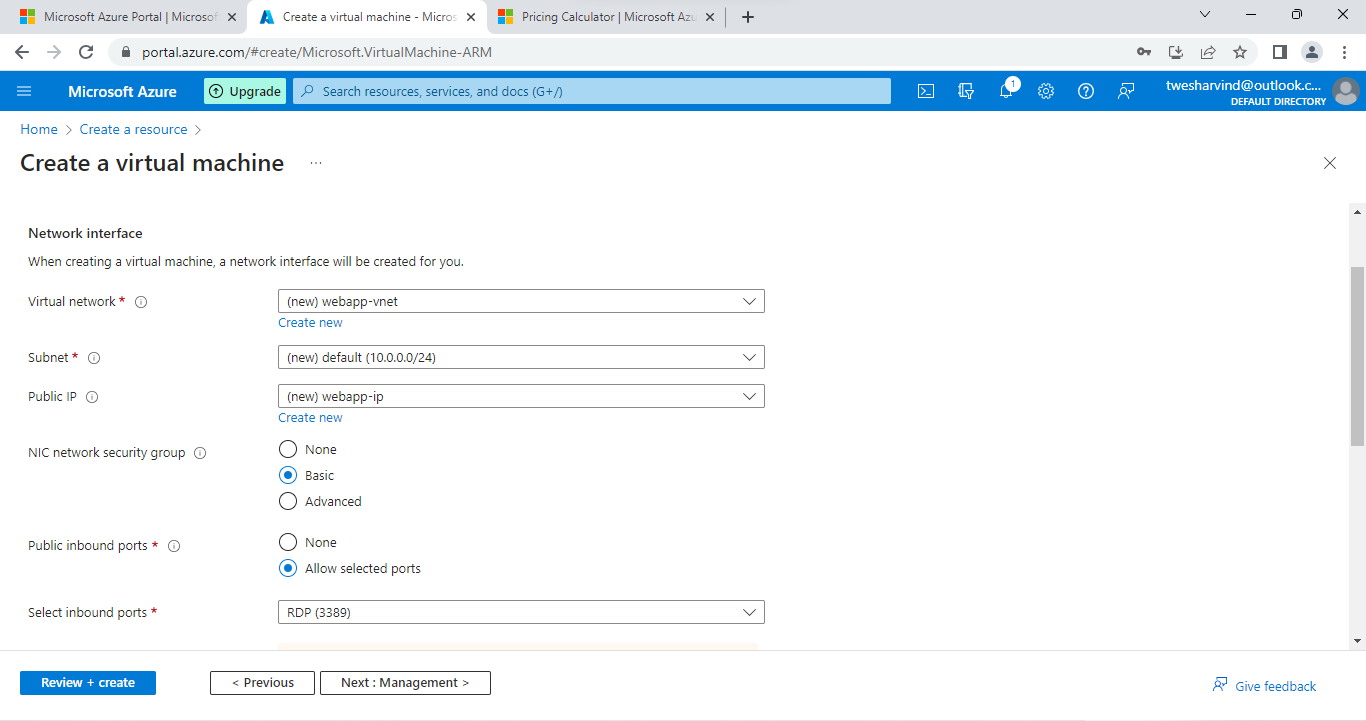
Basics

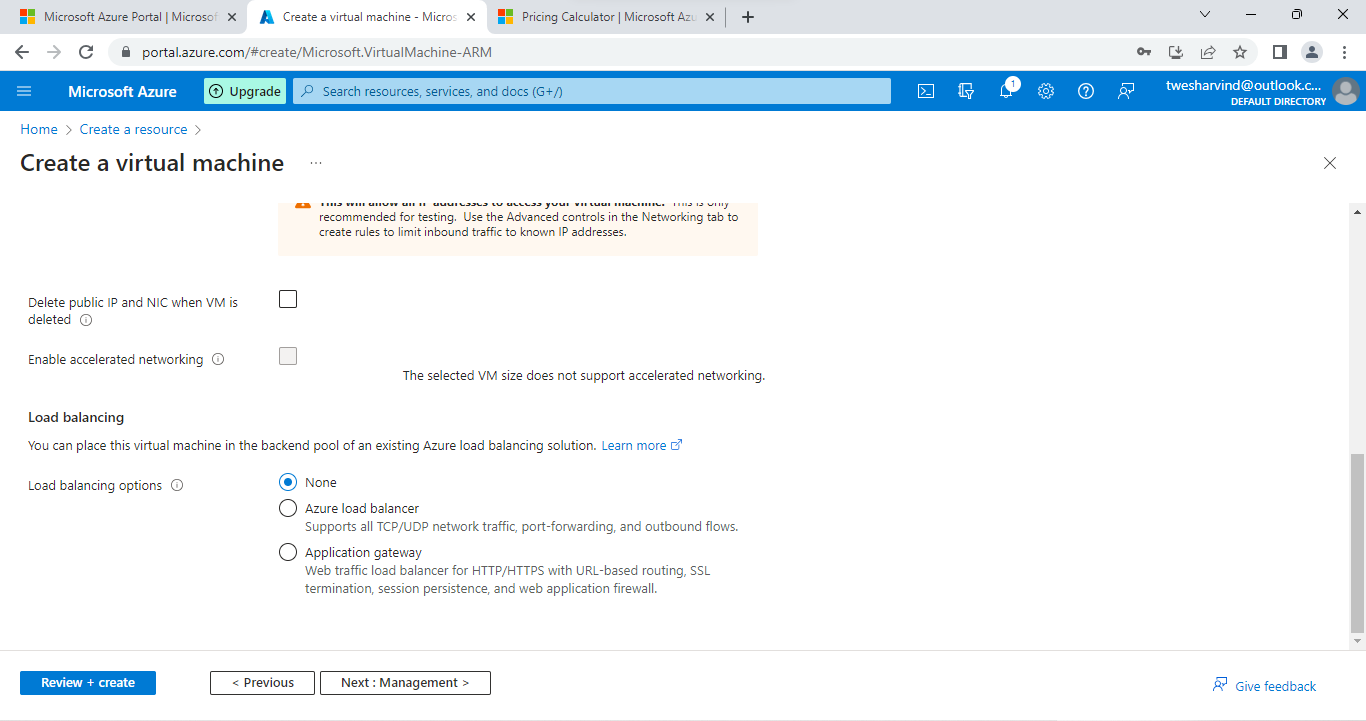


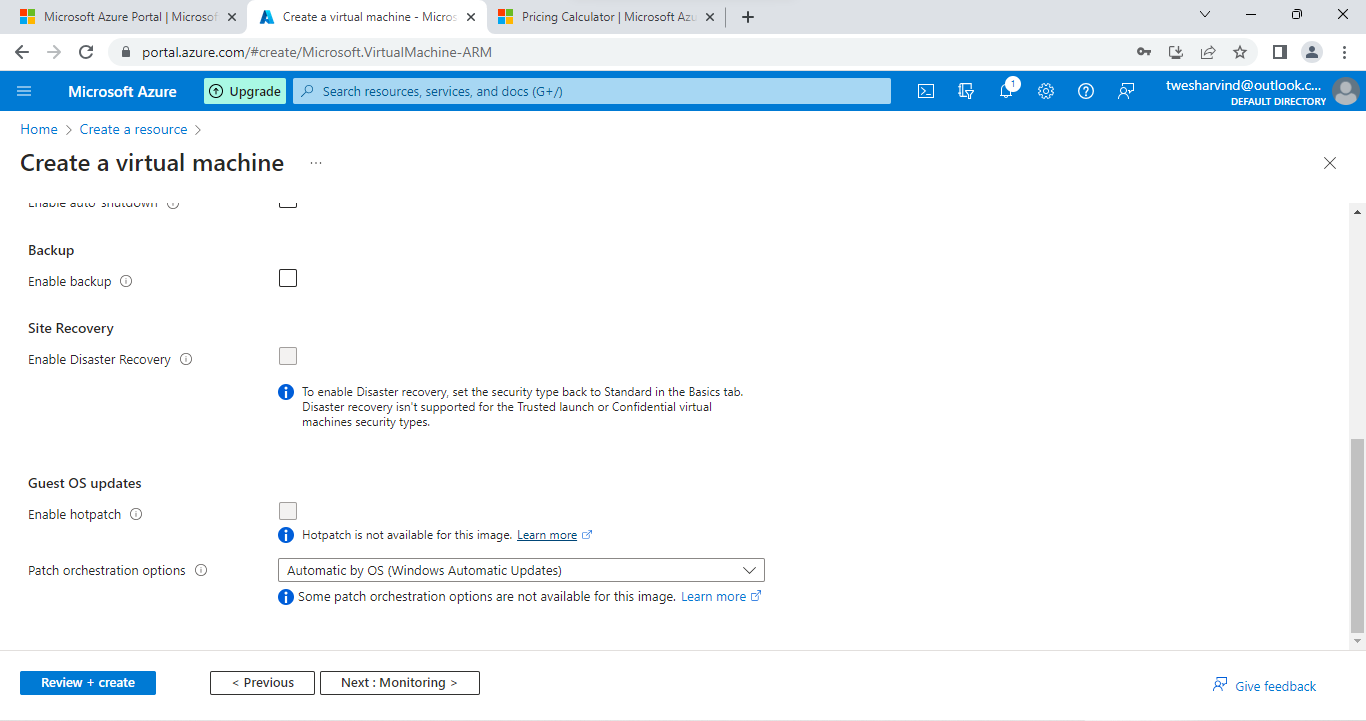


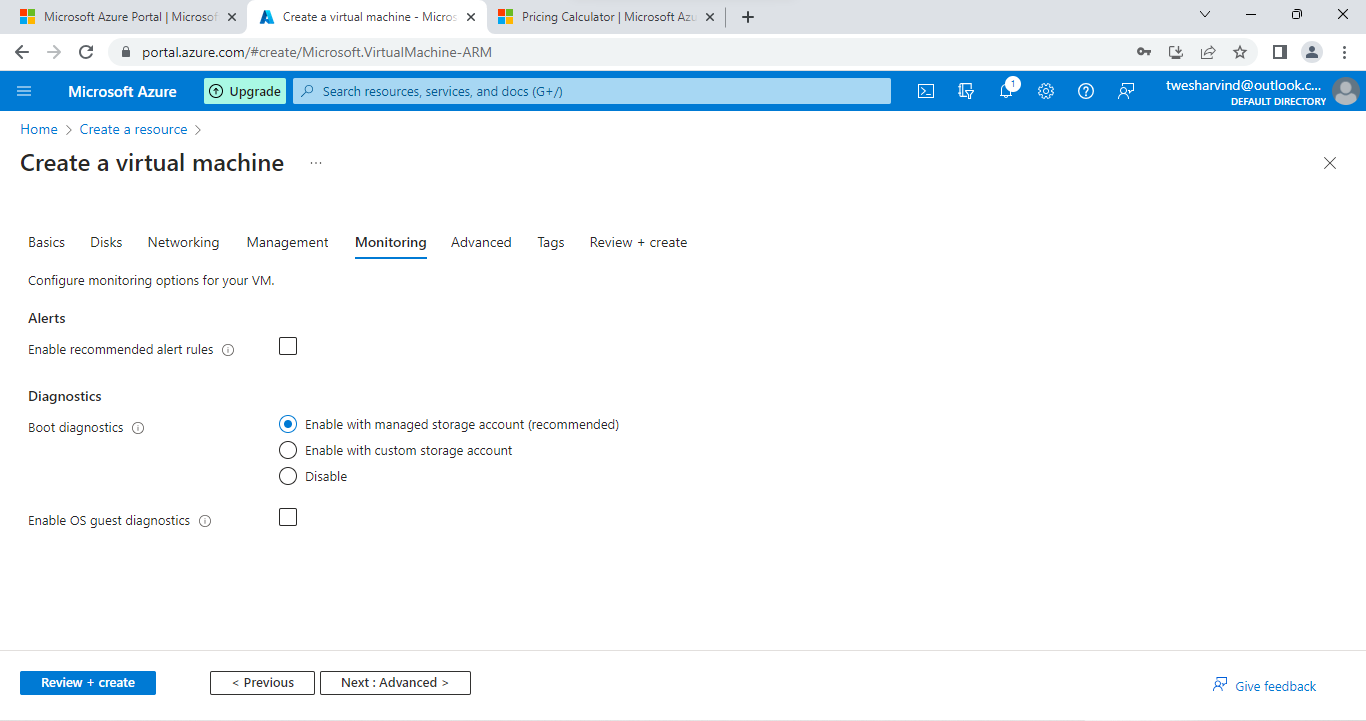


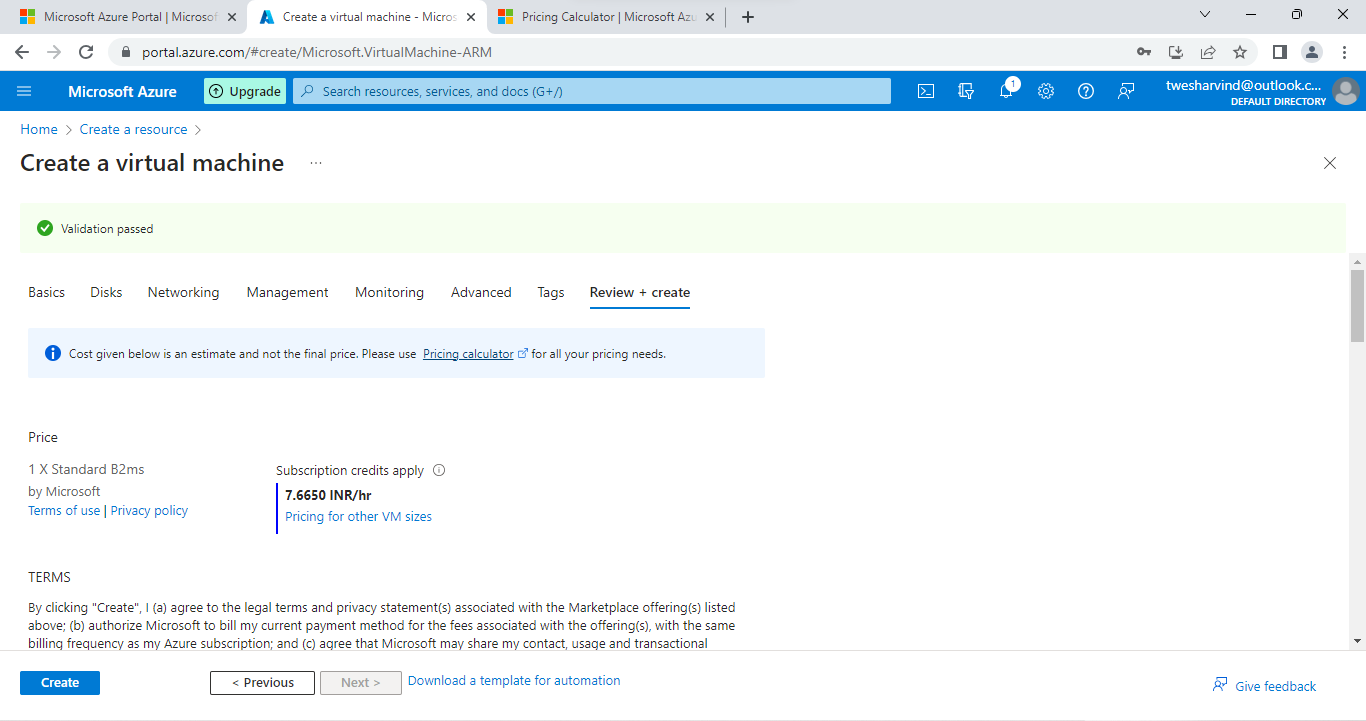
Disks

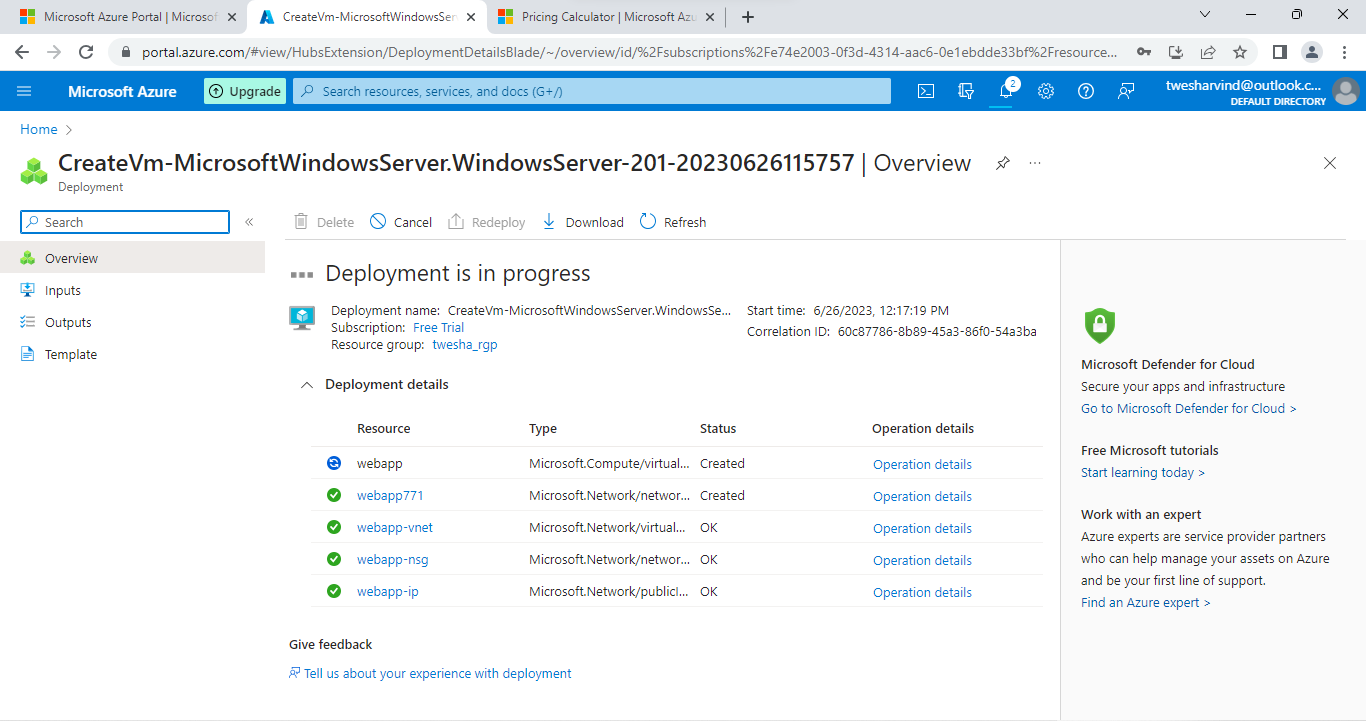
Networking

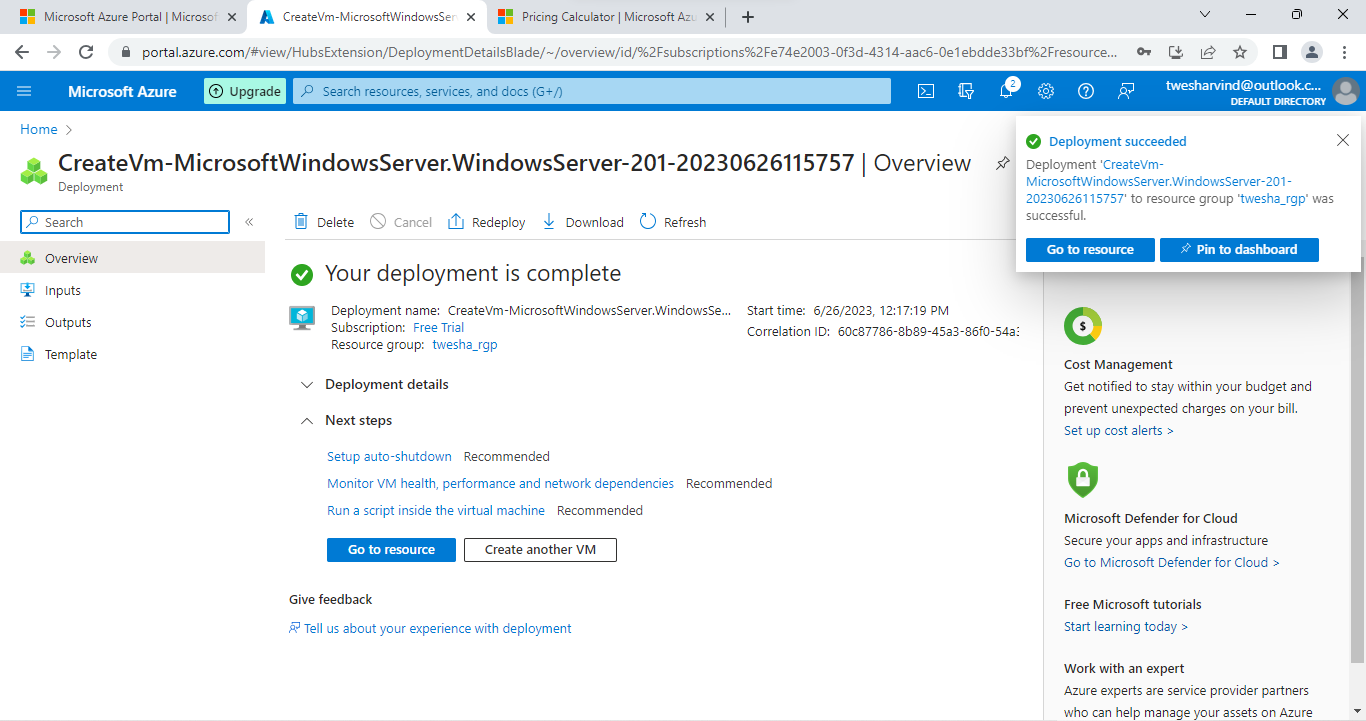


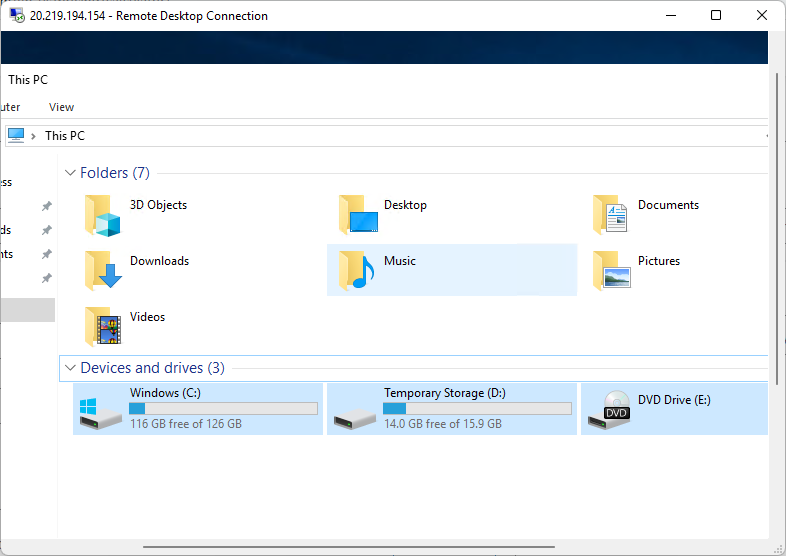
Management

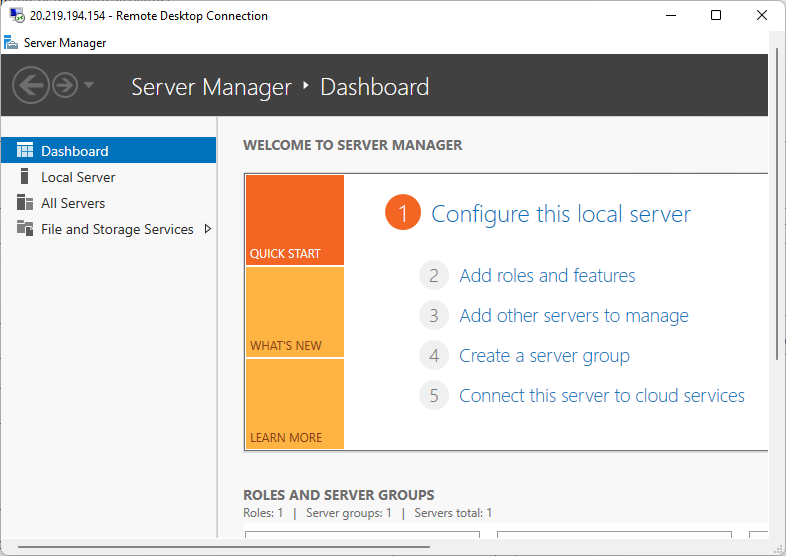
Monitoring

Creating

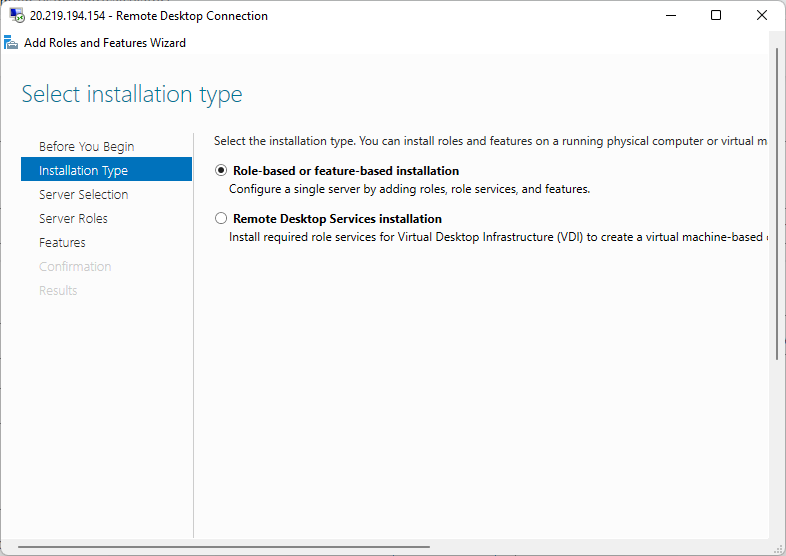


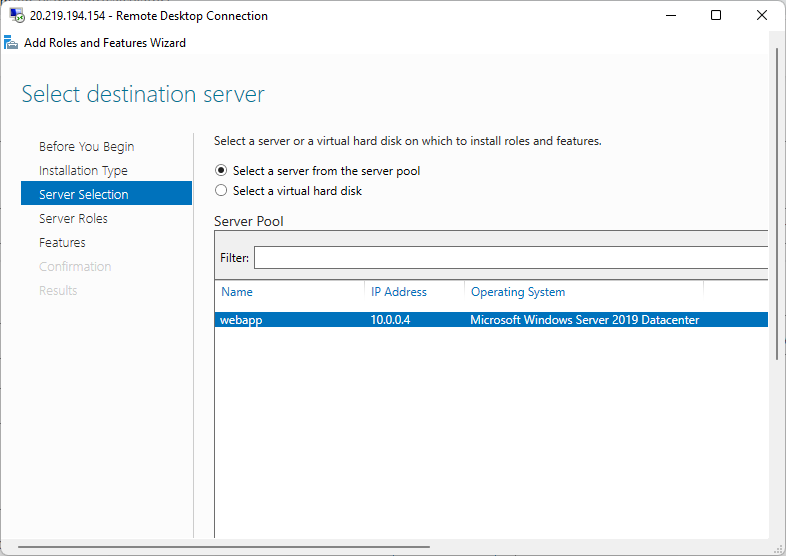


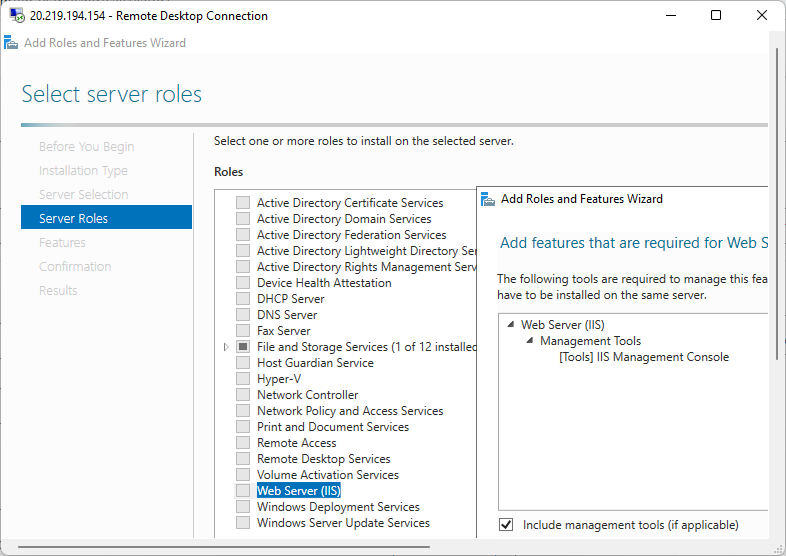
Virtual Machine

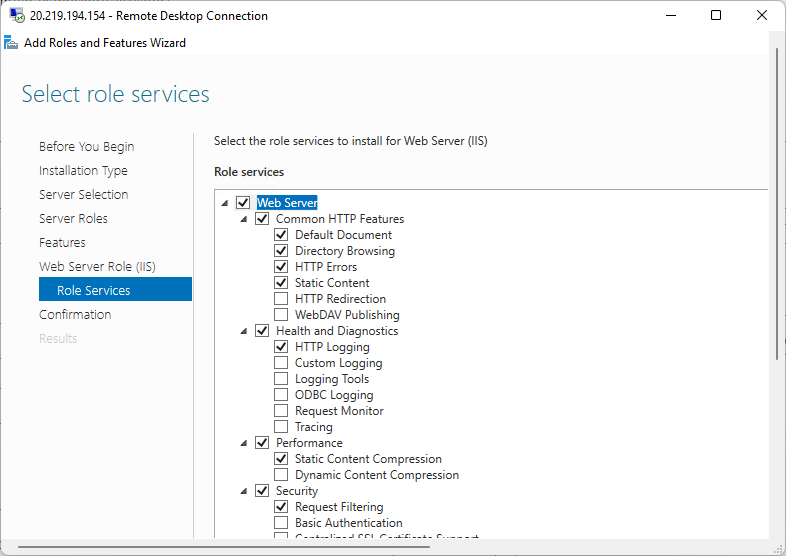
Adding webserver role

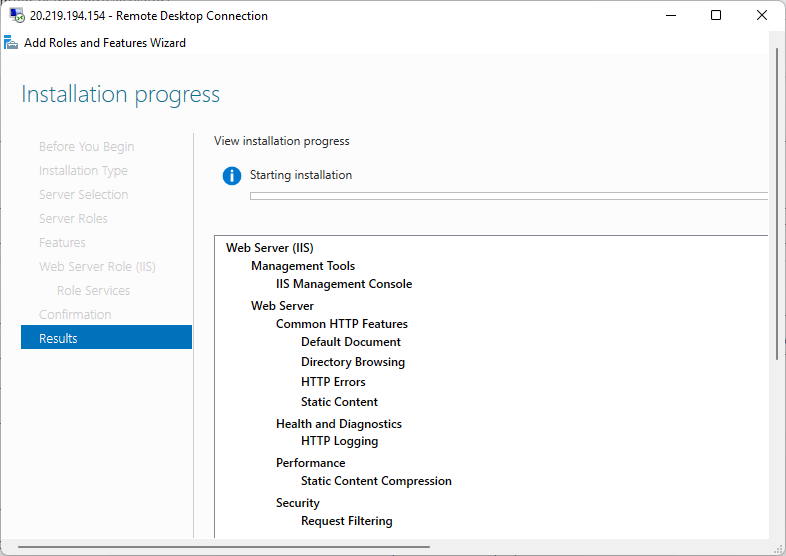
IIS web server role installation

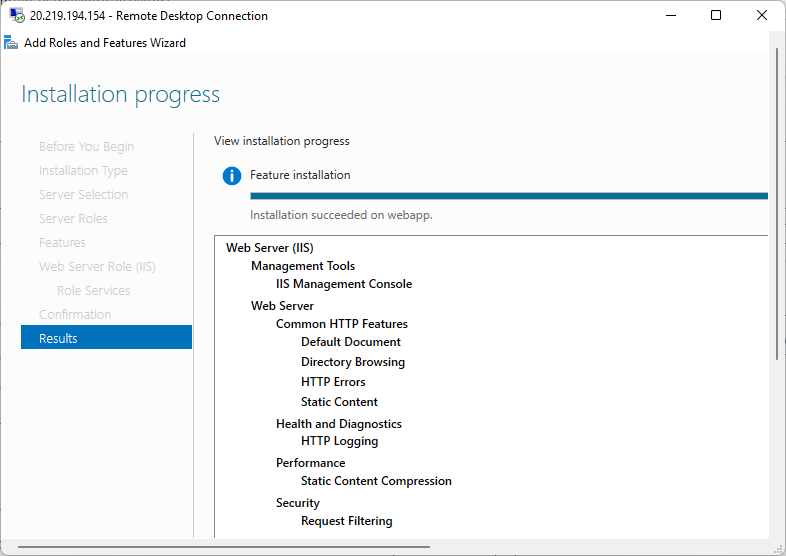




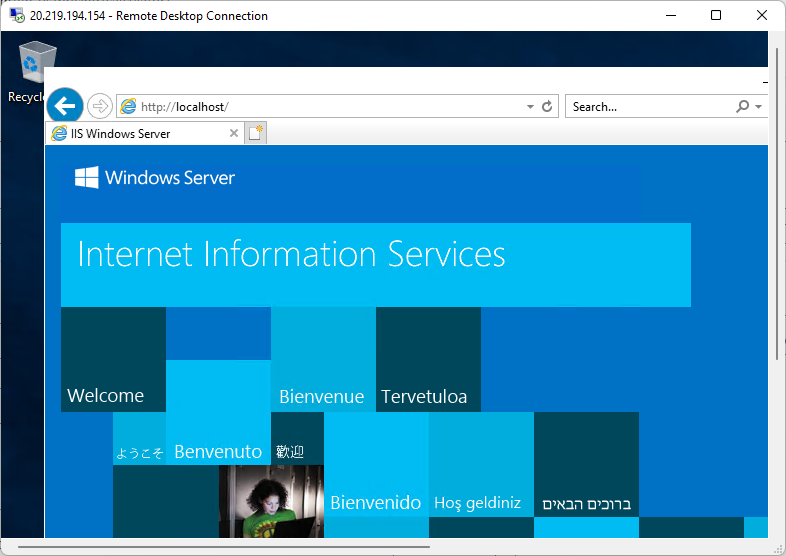


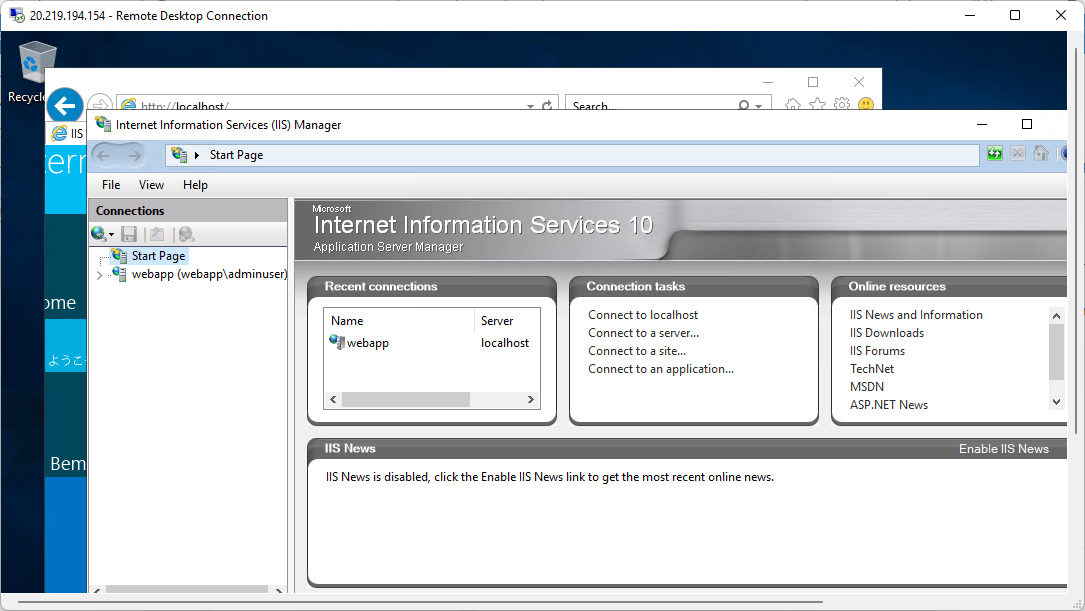




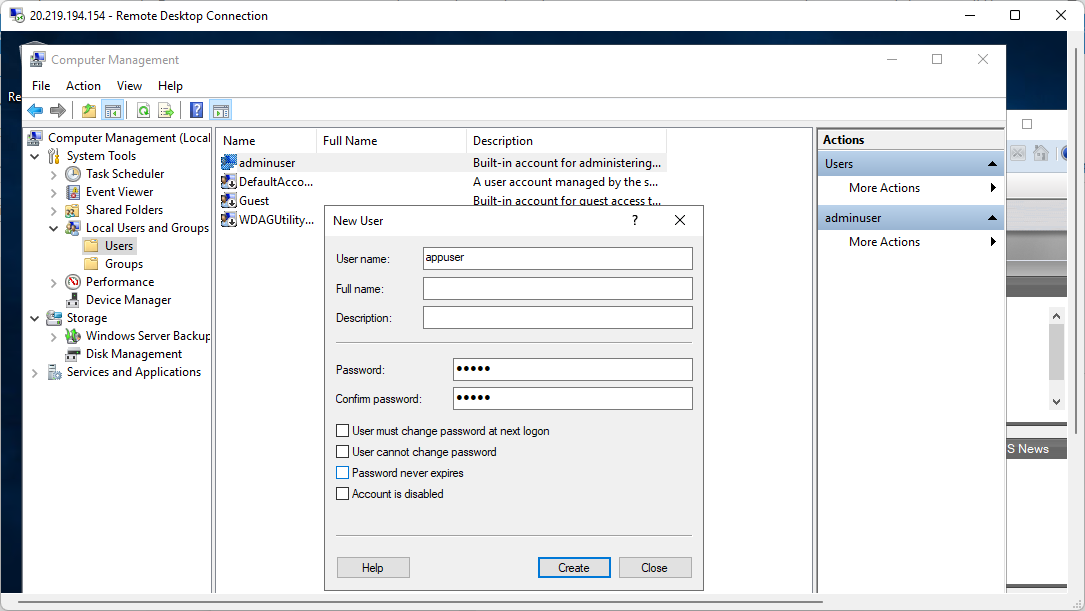
Successfully installed webserver role

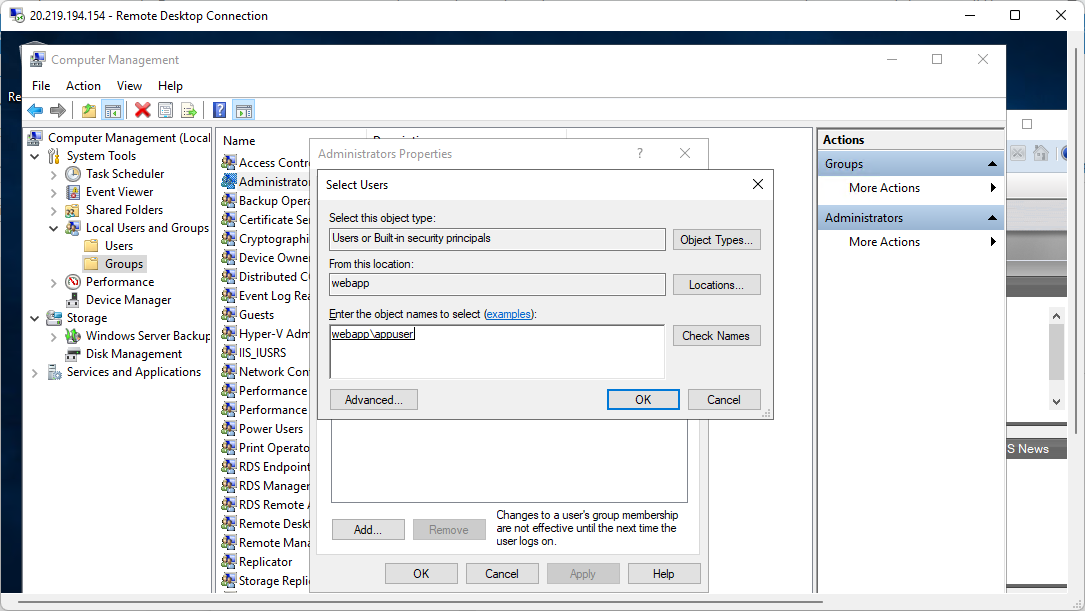
Verifying webserver role installation



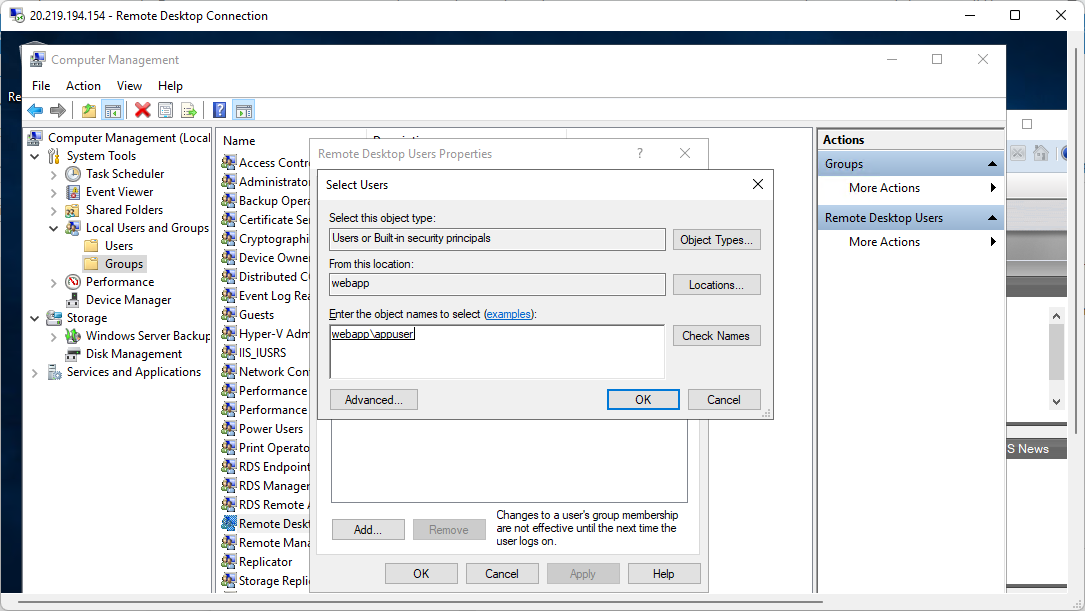


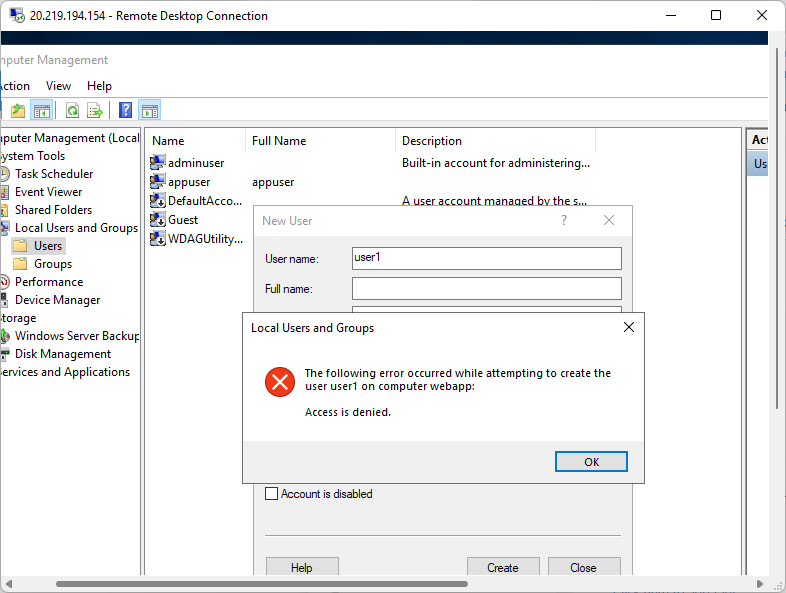
Creating a new user

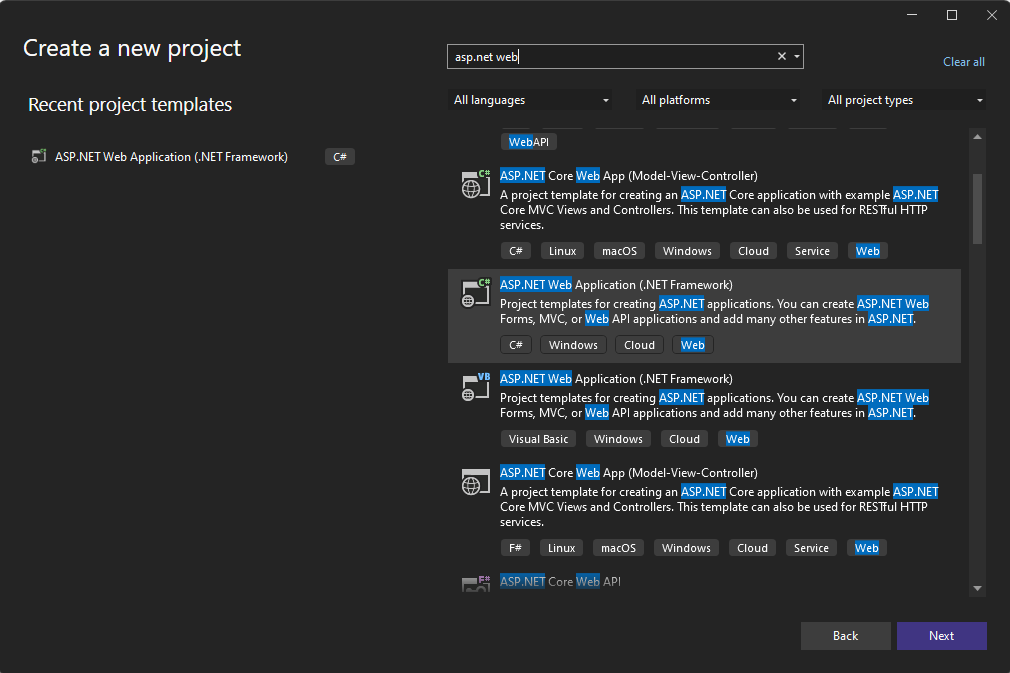


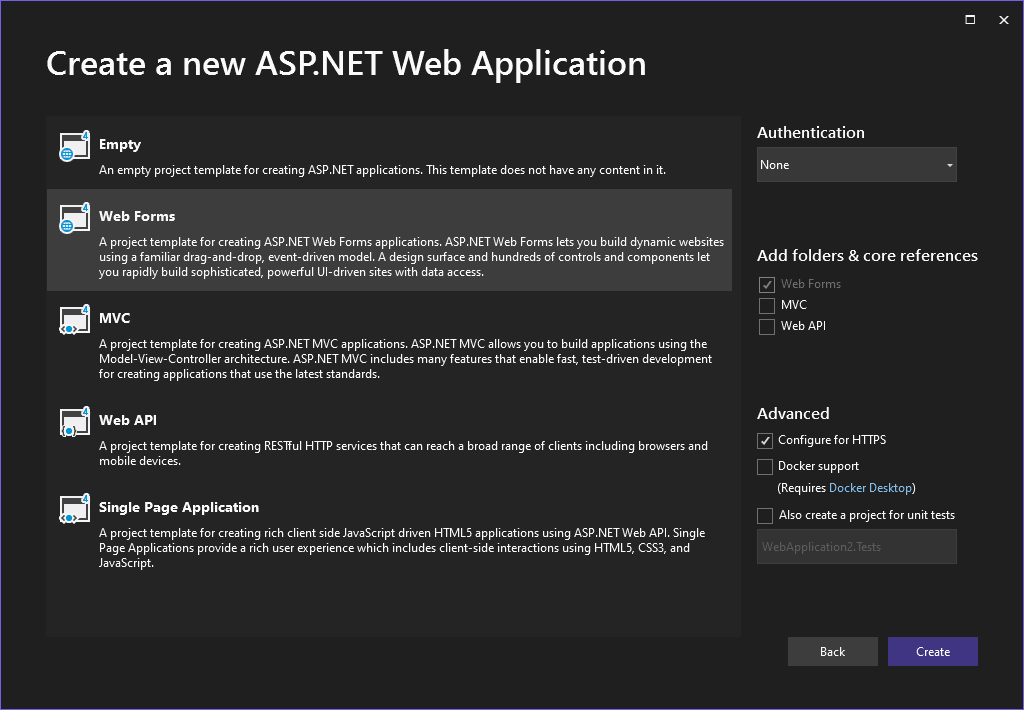
Giving admin rights

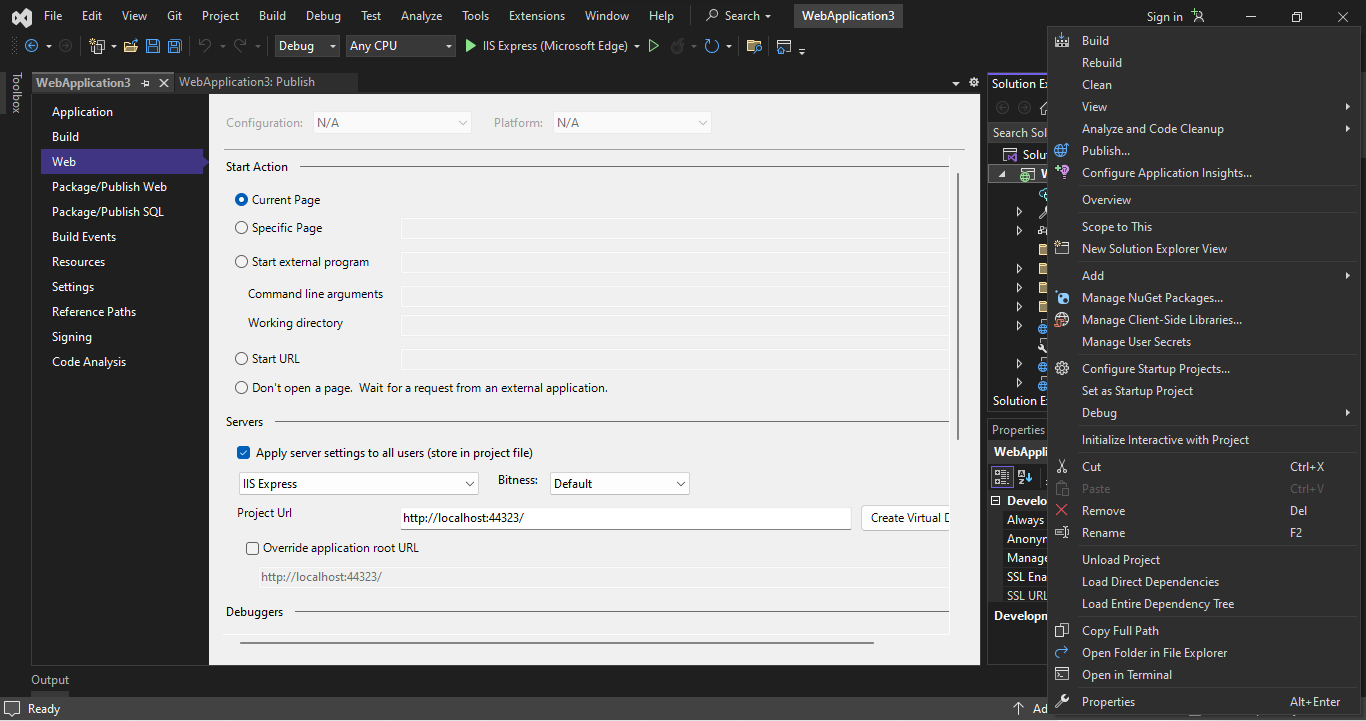
To provide remote desktop access

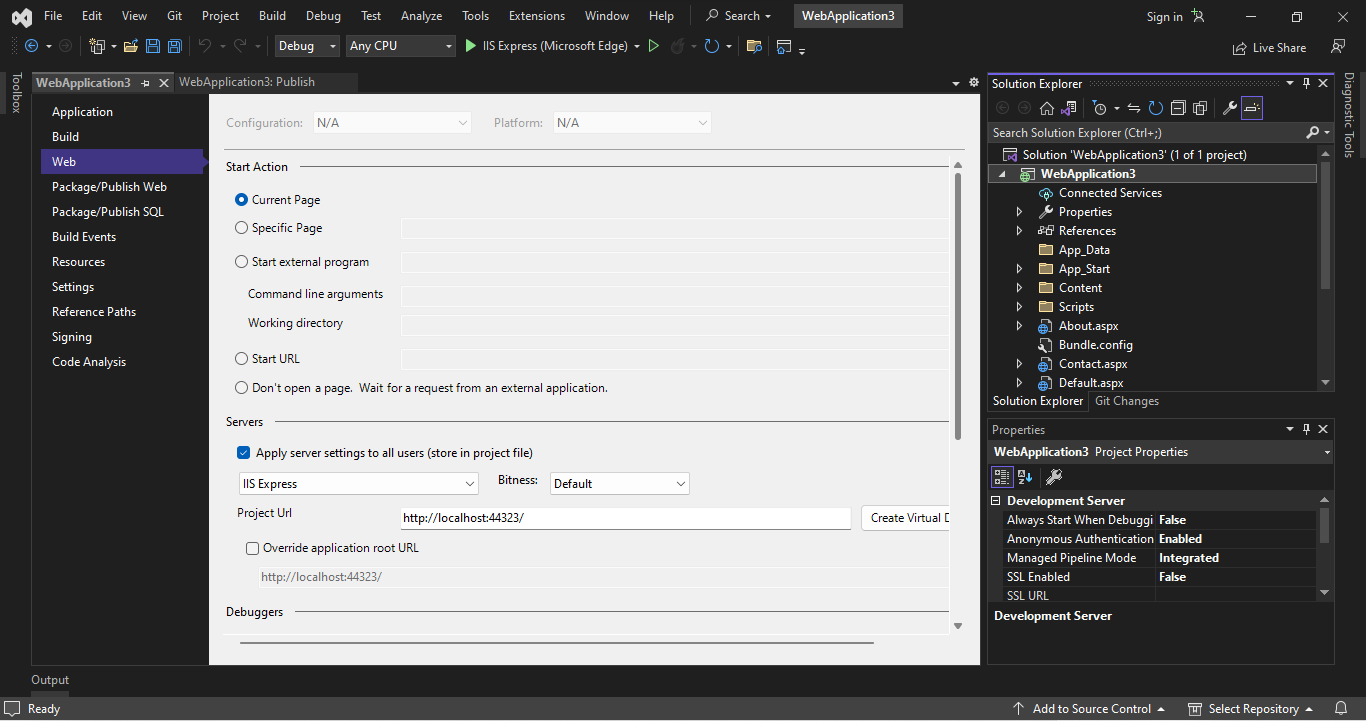


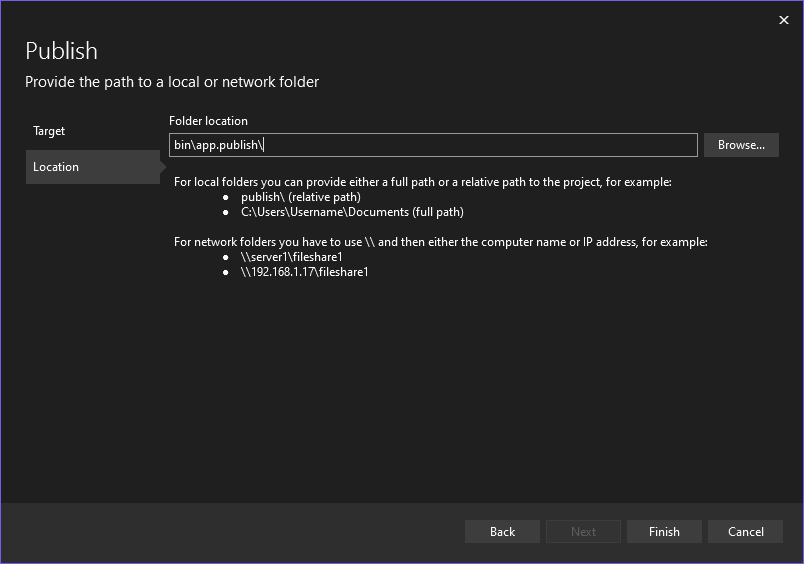
appuser does not have admin rights

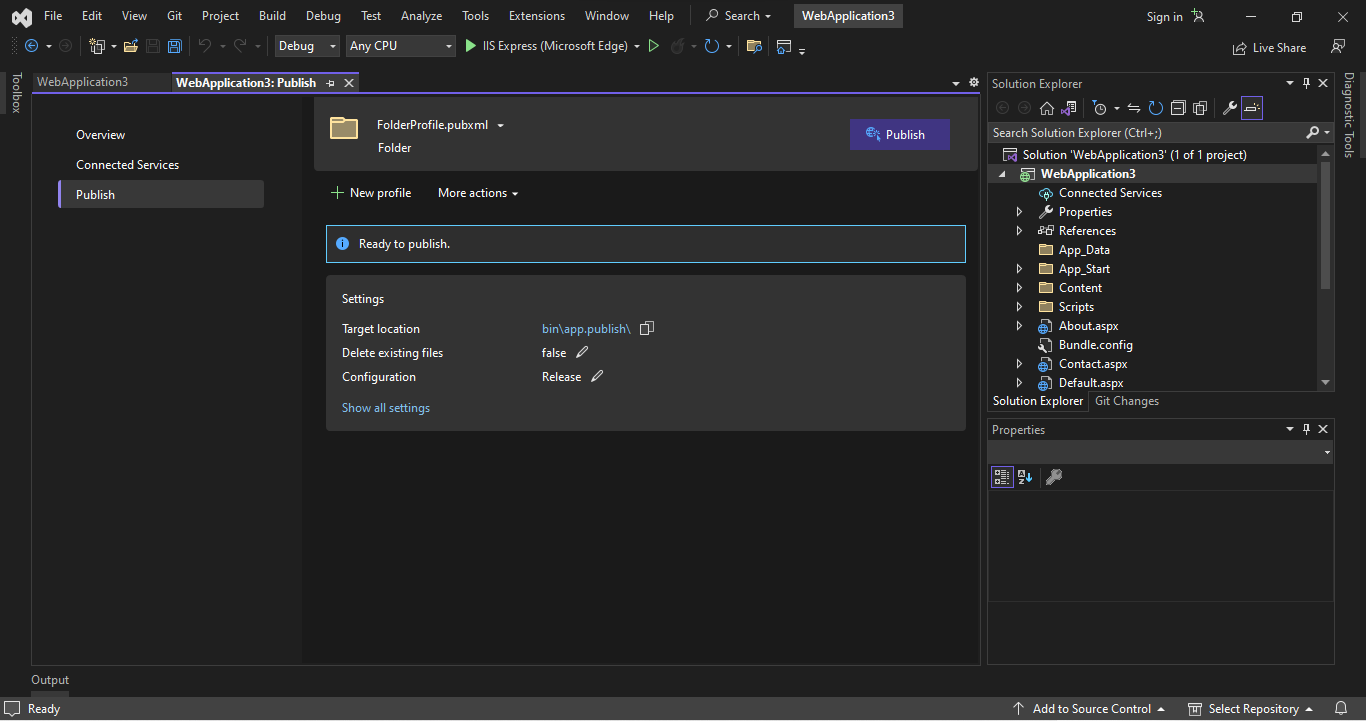
Code for webserver

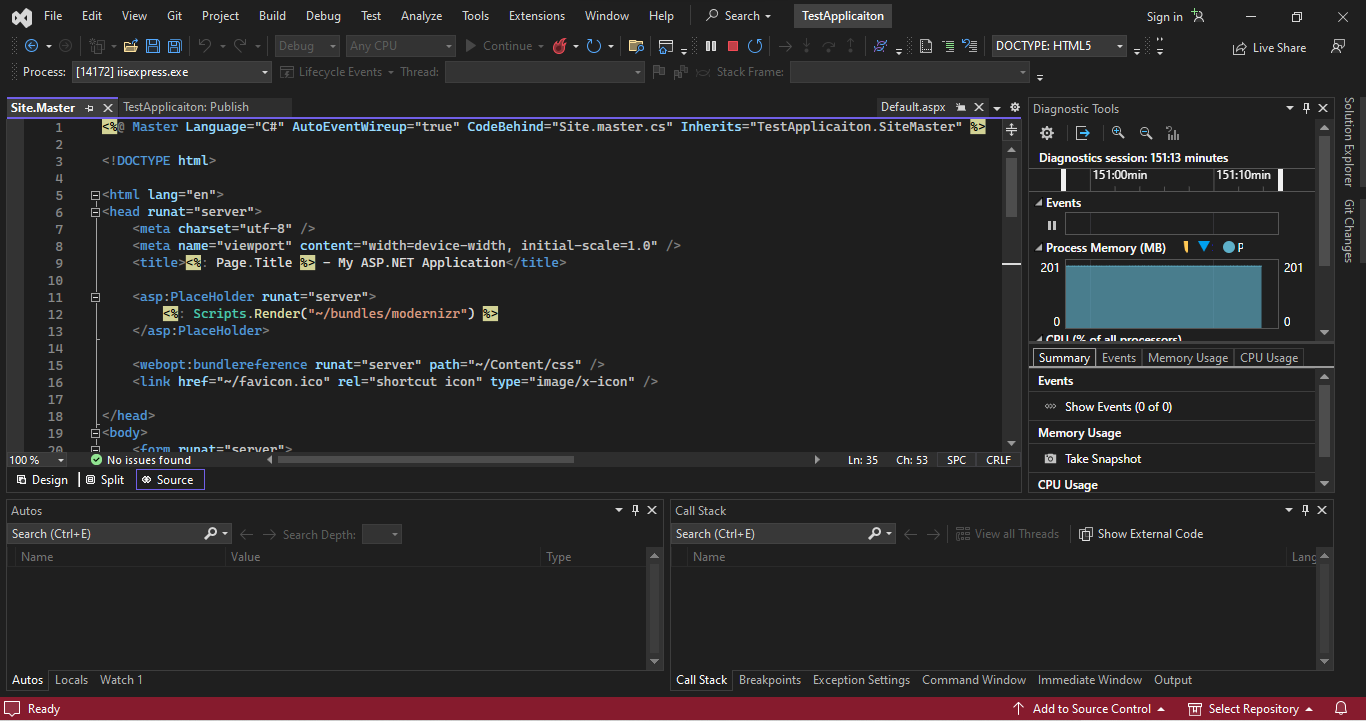


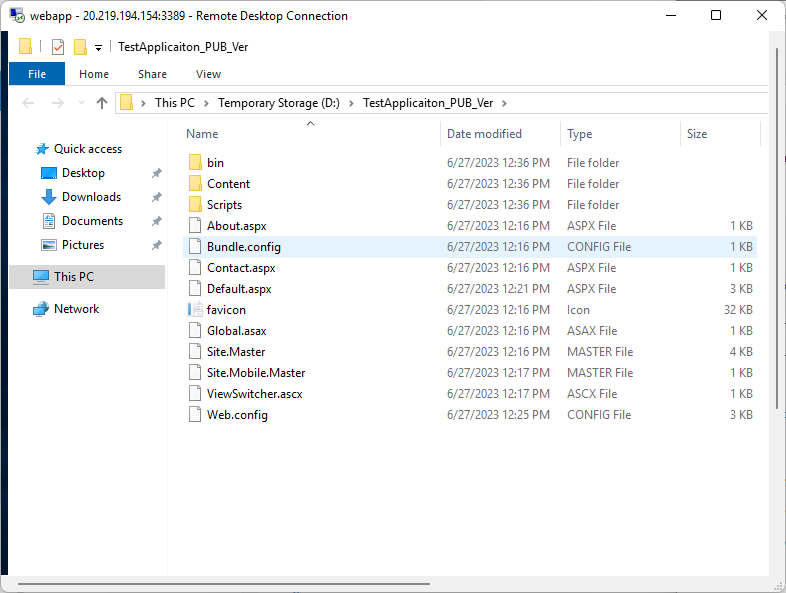
Right click on project name and go to properties

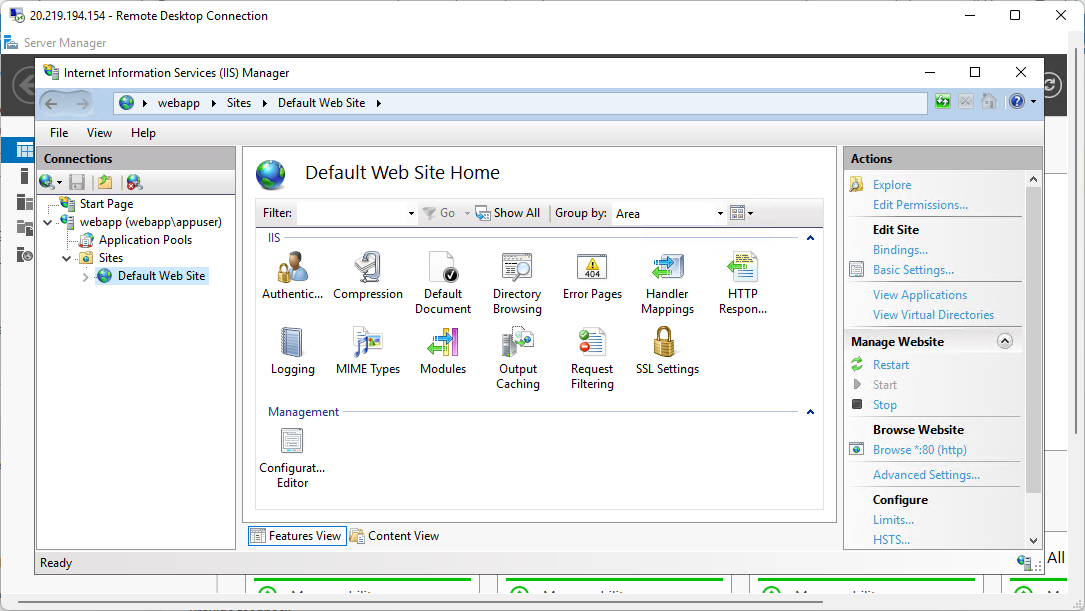
Since we do not have ssl certificate, we change the project url to http and in project propertieschange ssl enabled to false

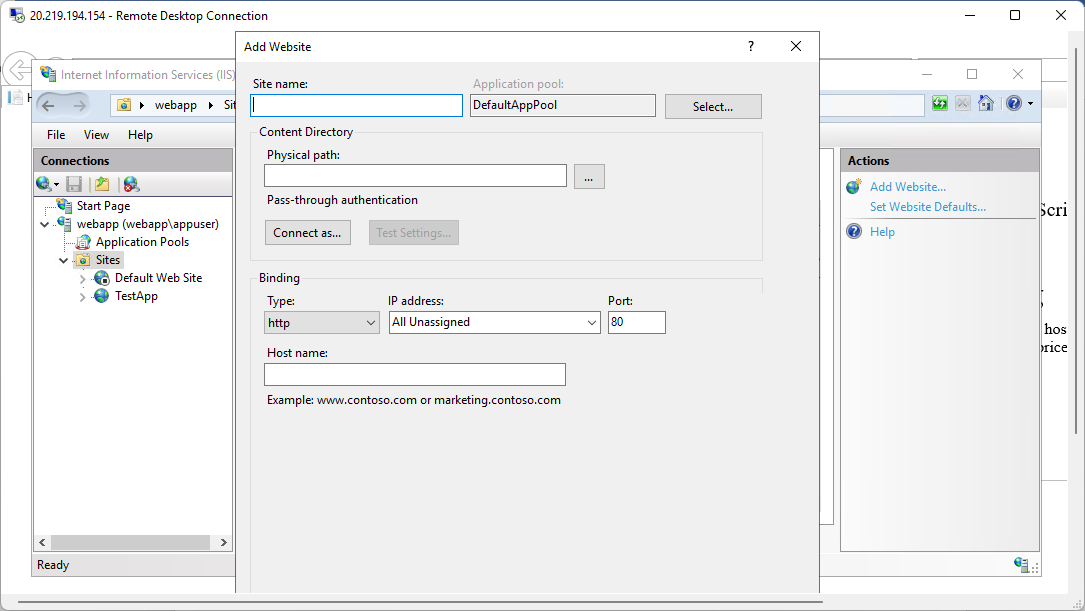


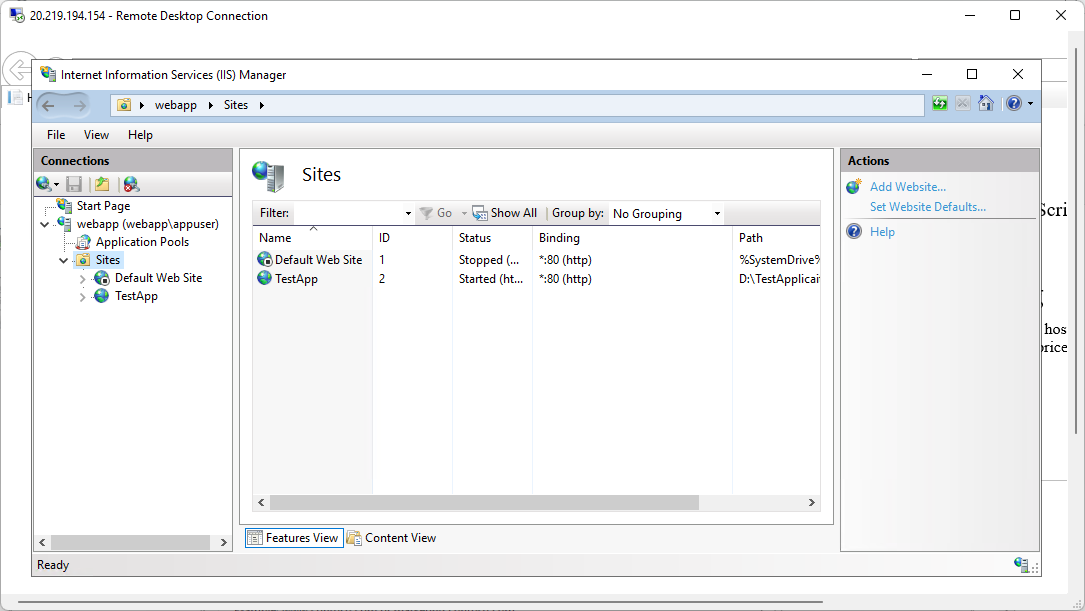


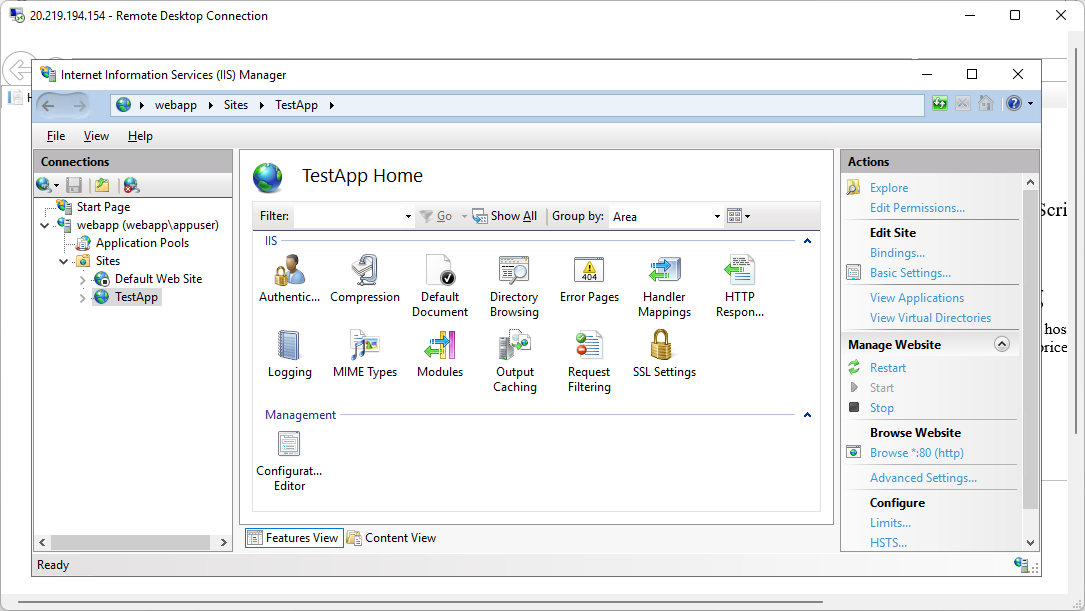


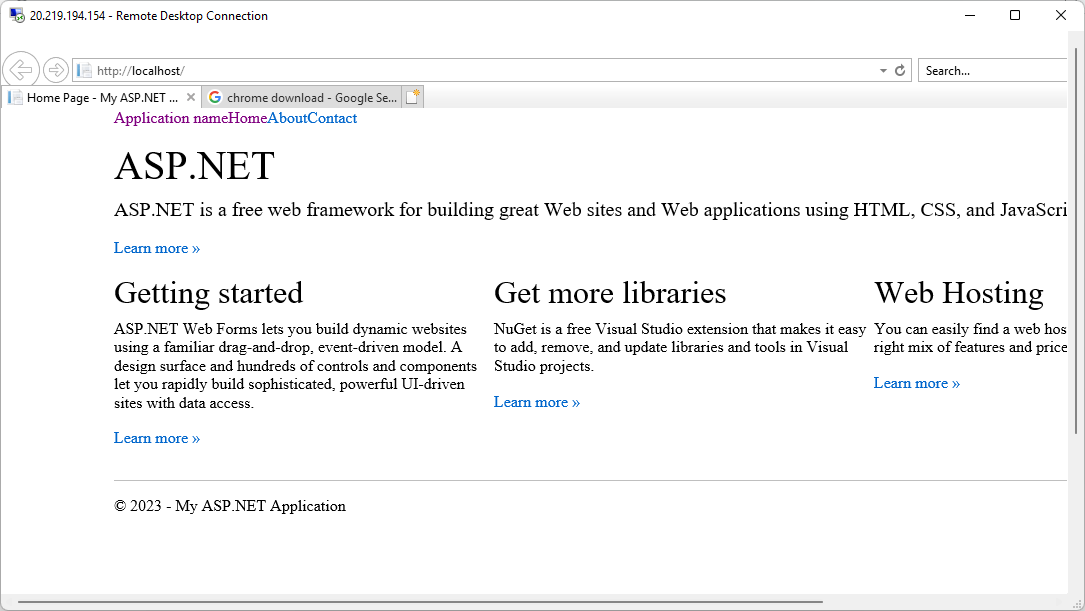


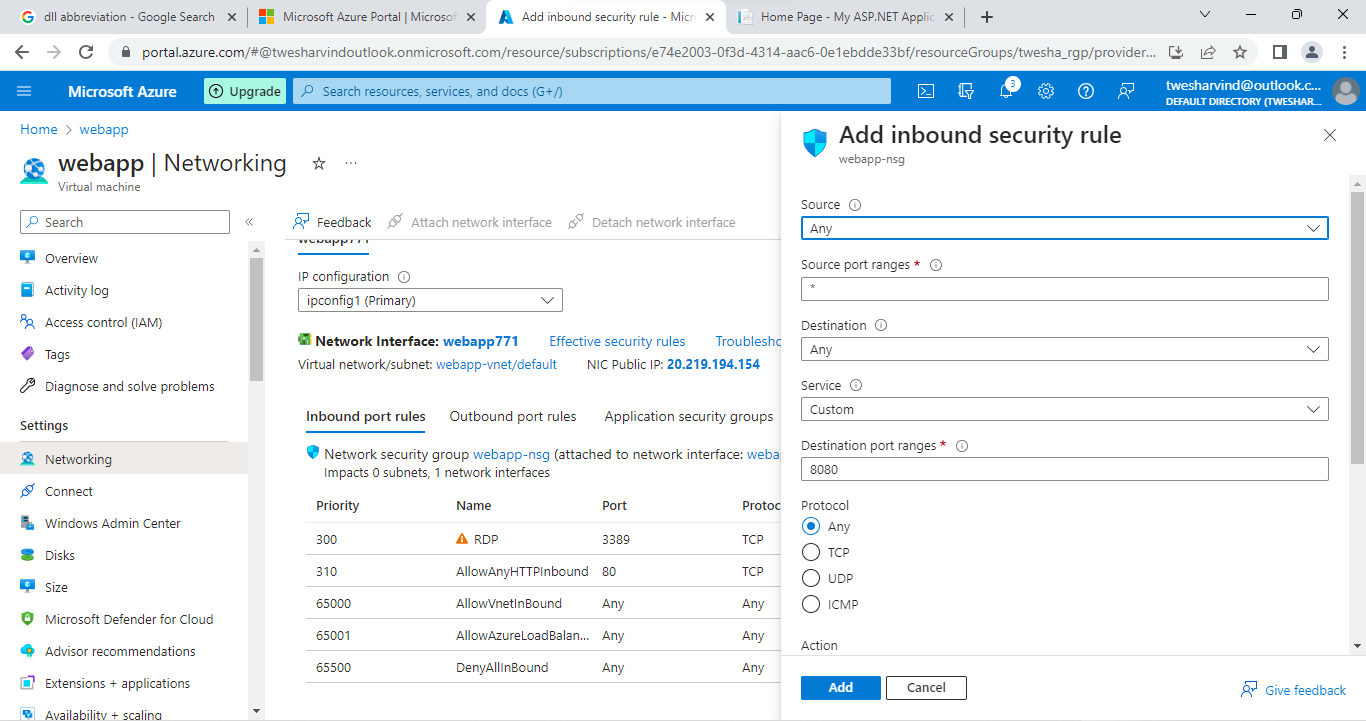
Then we can zip the folder and put it on the webserver

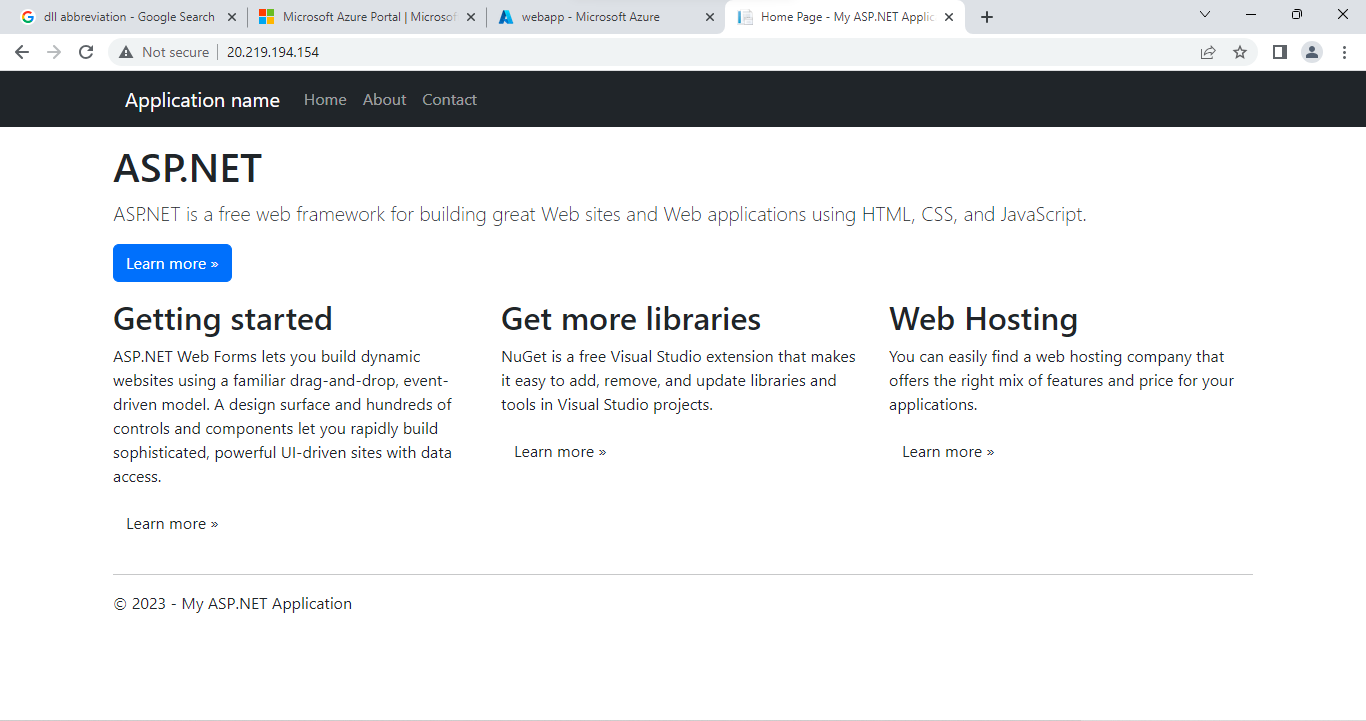






Server deployed on local host

Allow the inbound security to access port 80

Deployed on the internet

**Conclusion:** Learnt about how the azure platform works and the procedure to create a virtual machine on which a webserver is deployed.