LONDON METROPOLITAN UNIVERSITY

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Module Code & Module Title

Level 5 – CT5052NP Network Operating Systems

Assessment Type

Logbook .

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Student Name: Dishant Giri

London Met ID: 23048800

College ID: NP04CP4A230180

Submitted To: Prashant Adhikari

Word Count ():

I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.

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1. Introduction

This project shows how to install a Windows Server 2022 to host a static website which is a quick way to learn how to configure a web server. Surprisingly, this is actually a exposure where you learn to install required server roles and features, configure the server, and deploy a static website. This practical example aims to give a sense for hosting static content in a Windows-based server environment, which serves as a basis for complex web hosting.

2. Objective

The main objective of this workshop are:

- Give us hand-on guide for web hosting in windows server 2022.
- To guide us to install roles and features in windows server which can be helpful for web hosting process.

3. Required tools and software

3.1 Free-CSS website

Free-CSS is a website where you can submit your website template or can find many types o website templates for free.

3.2 Windows server 2022

3.3 VirtualBox

4. Steps to replicate
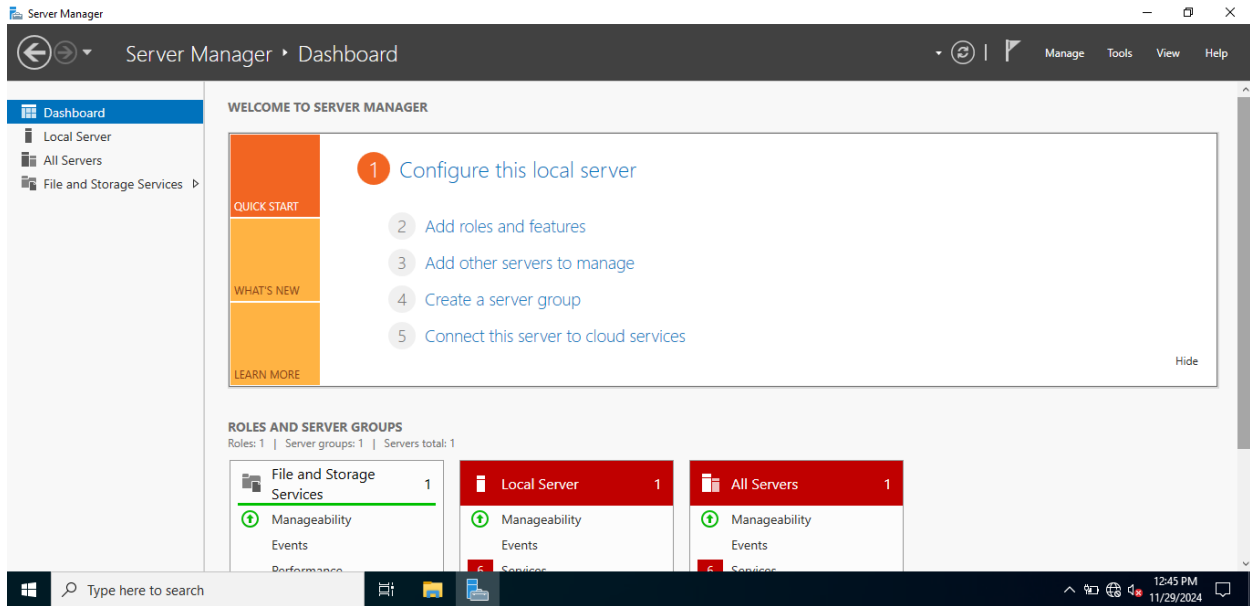
4.1 Adding roles and features

Figure 1: clicking add roles and features

After clicking it, click next button for the first page
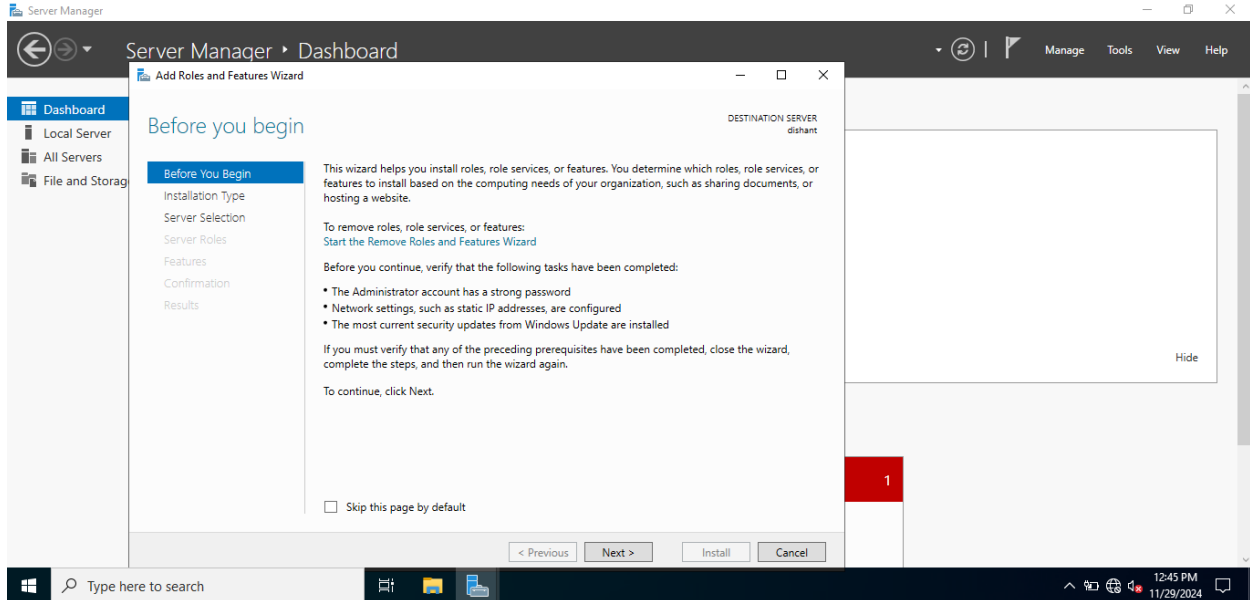

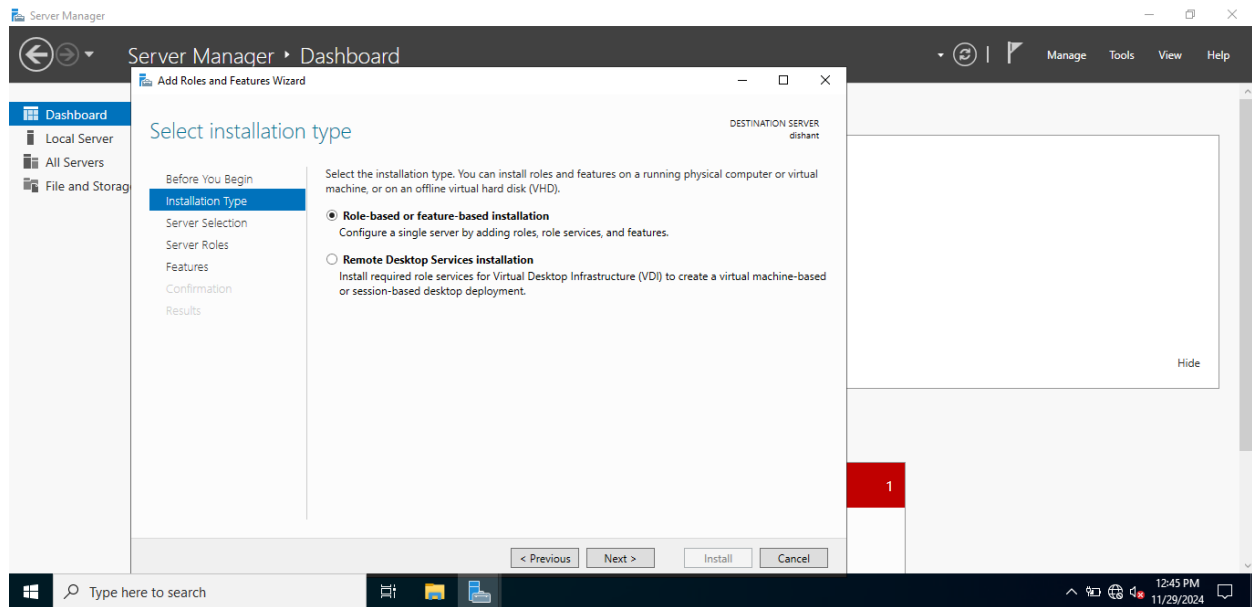*Figure 2:Clicking next button*

Click next button

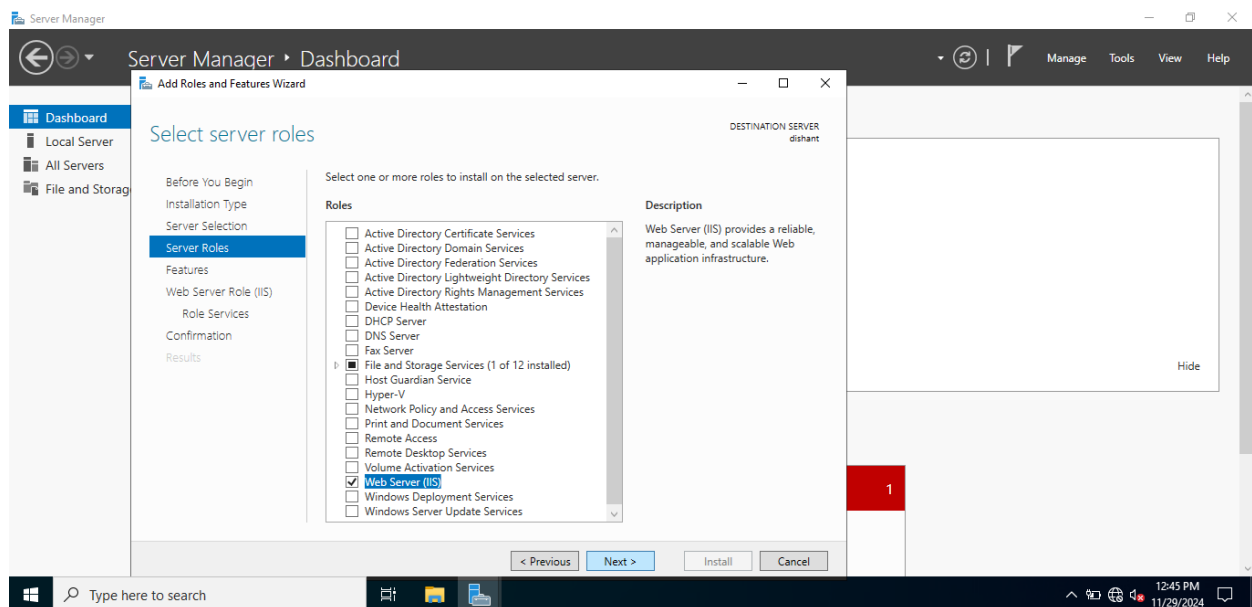*Figure 3: installation type*

Click web server (IIS)

Figure 4: clicking web server
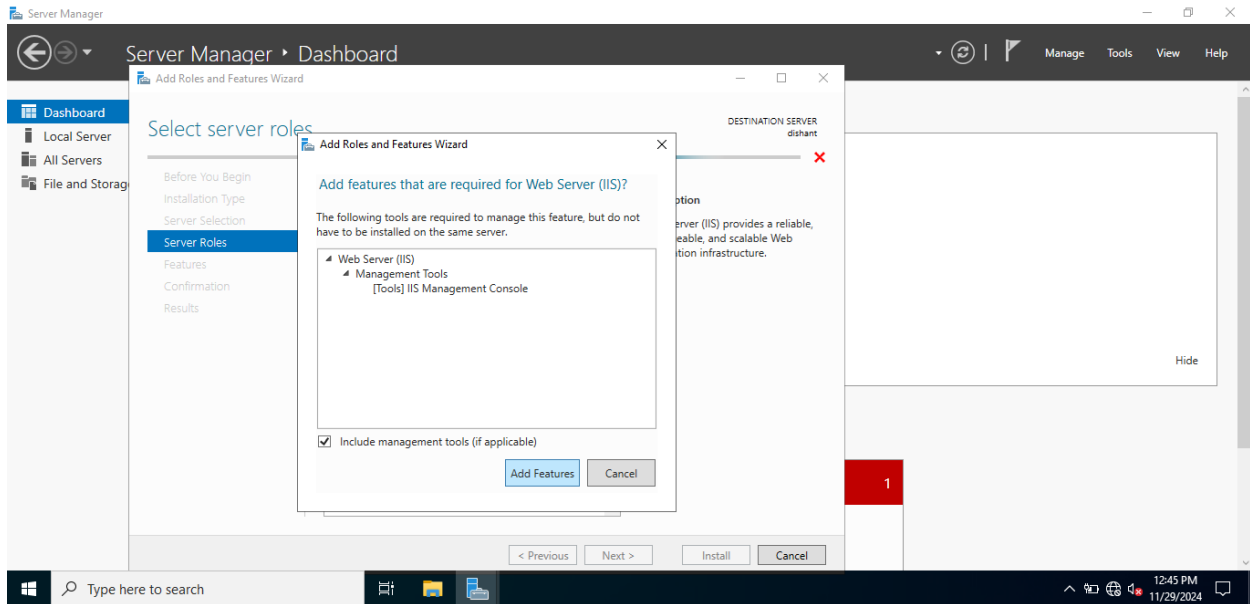
Click on add features

Figure 5: adding feature
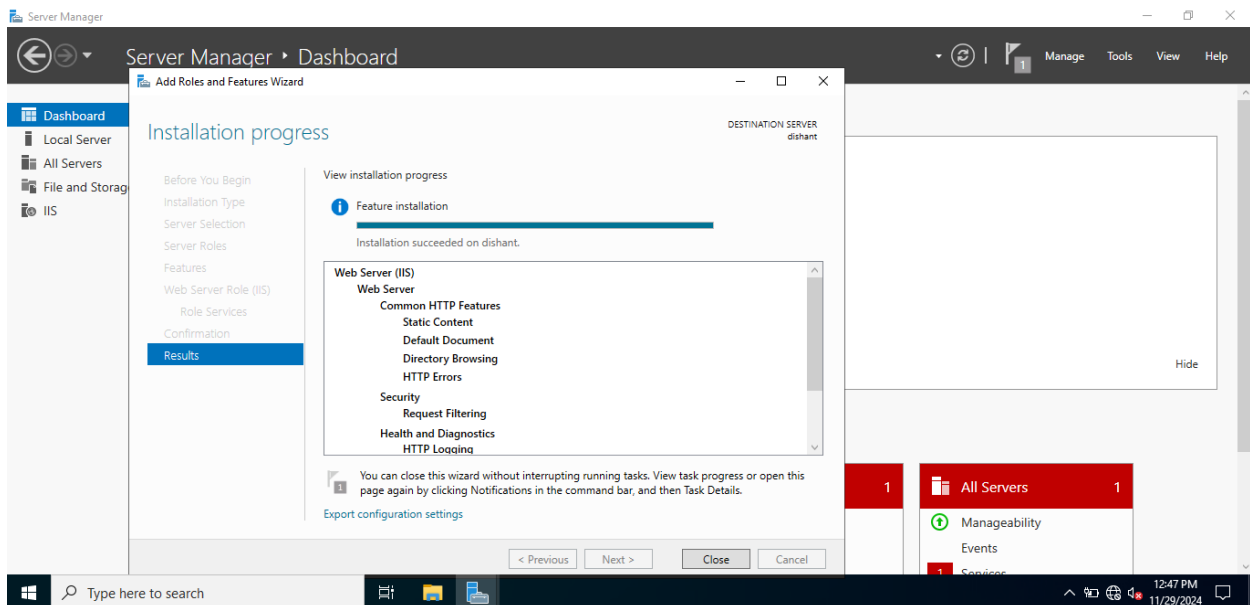
Click install

Figure 6: IIS installed

4.2 Hosting Static Website
Go back to server manager dashboard and click tools and select IIS
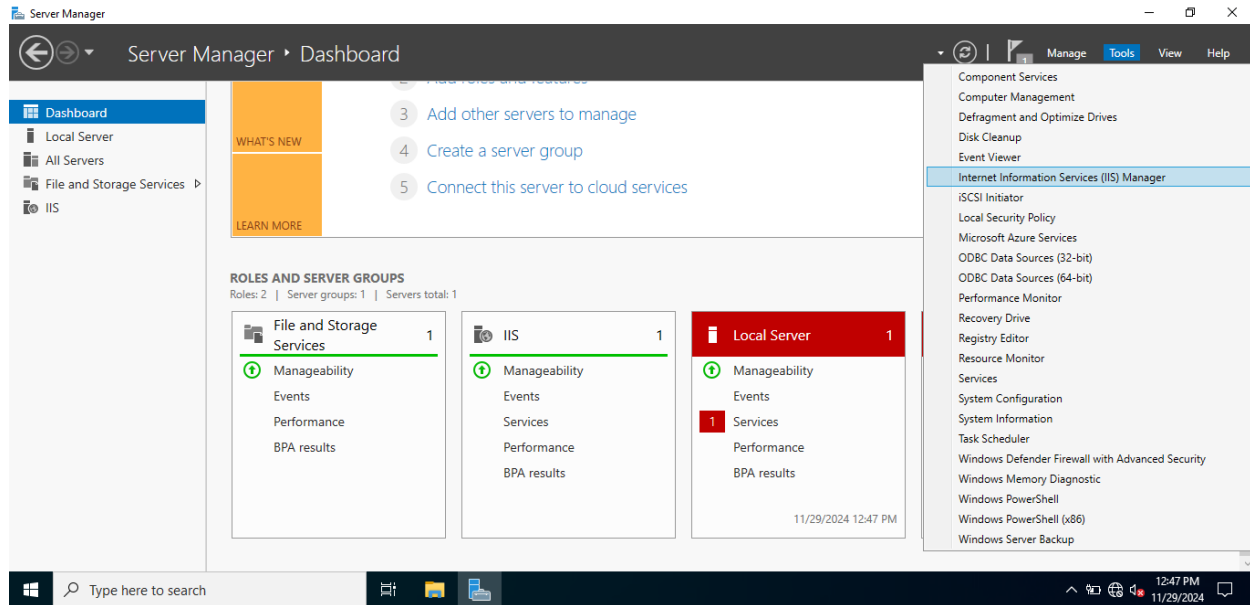Manager

Figure 7: clicking IIS manager
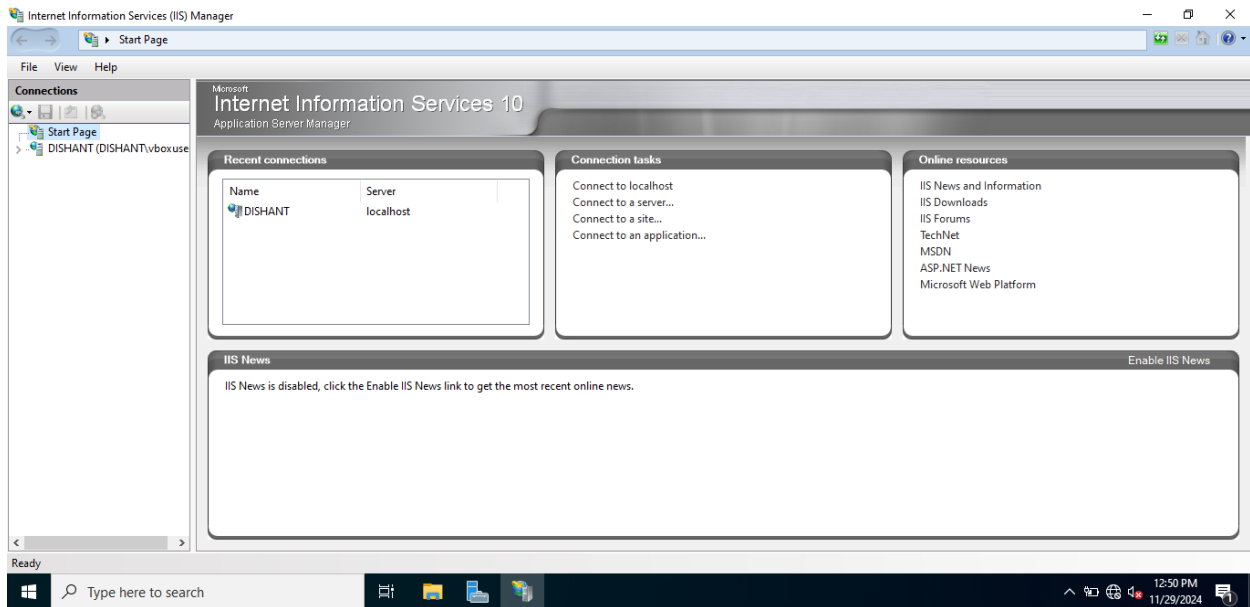
It'll start the page of IIS manager

Figure 8:IIS manager start page

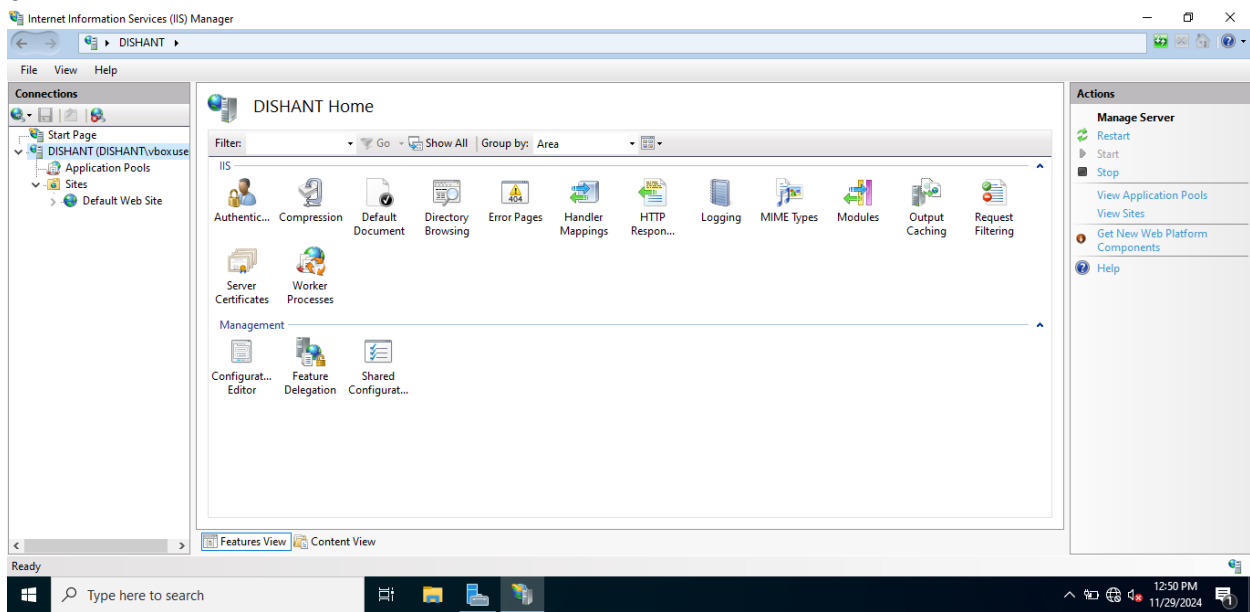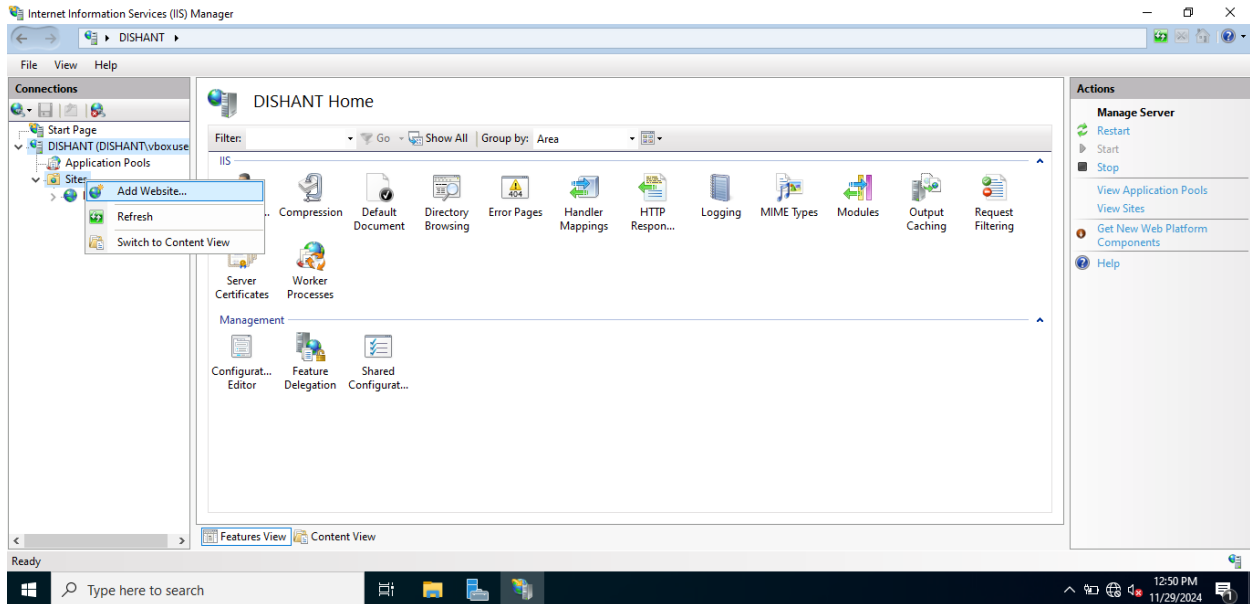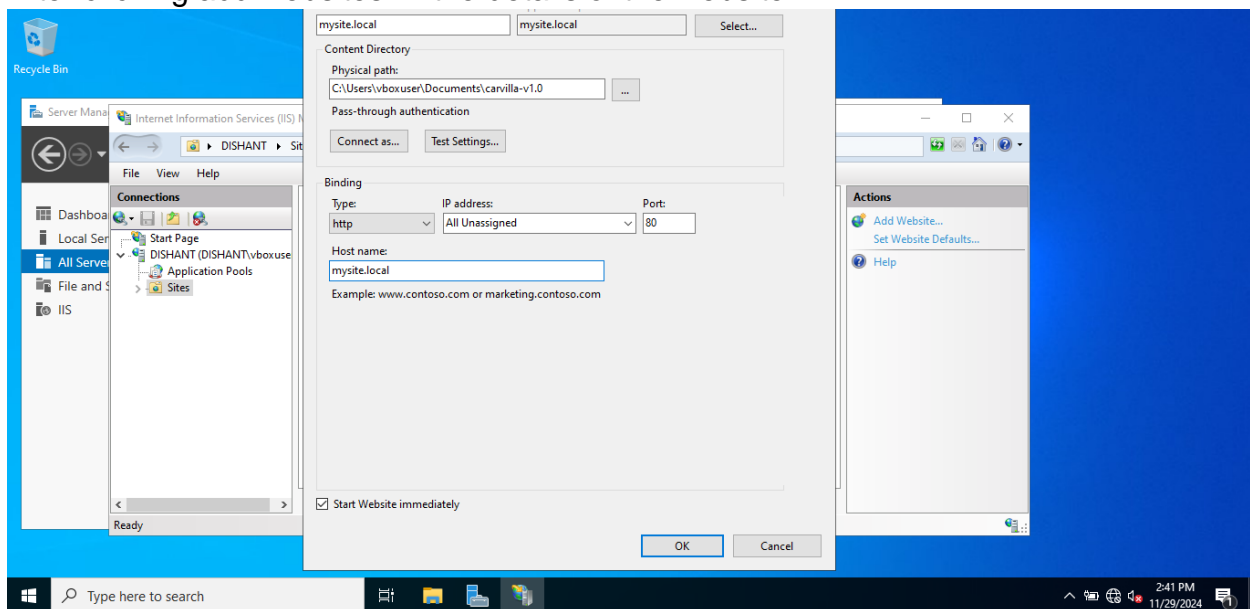Dropdown Dishant then again dropdown sites

d

Figure 9:server default sites

Right click on sites and click add a new website

Figure 10: clicking add website

After clicking add websites fill the details of the website

Figure 11:website details

4.3   Registering website in host file

After adding the website on server, we must register it on the host file of the system. open notepad as administrator and open the host file
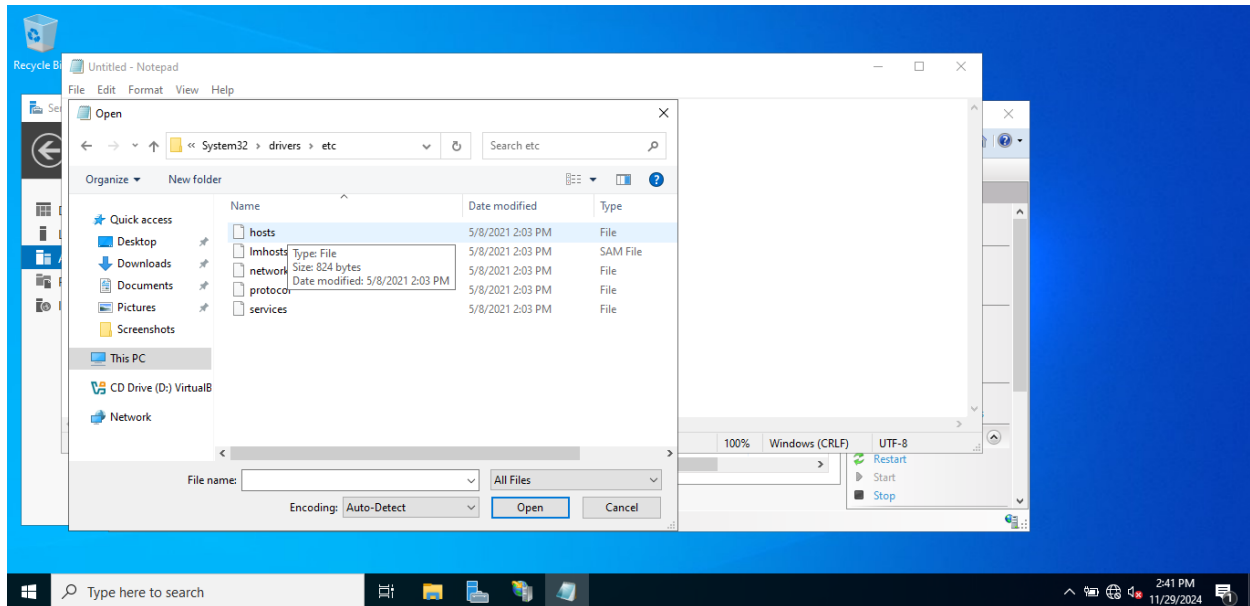

Figure 12: opening host file in notepad

Write 127.0.0.1 mysite.local in the last line of file and save it
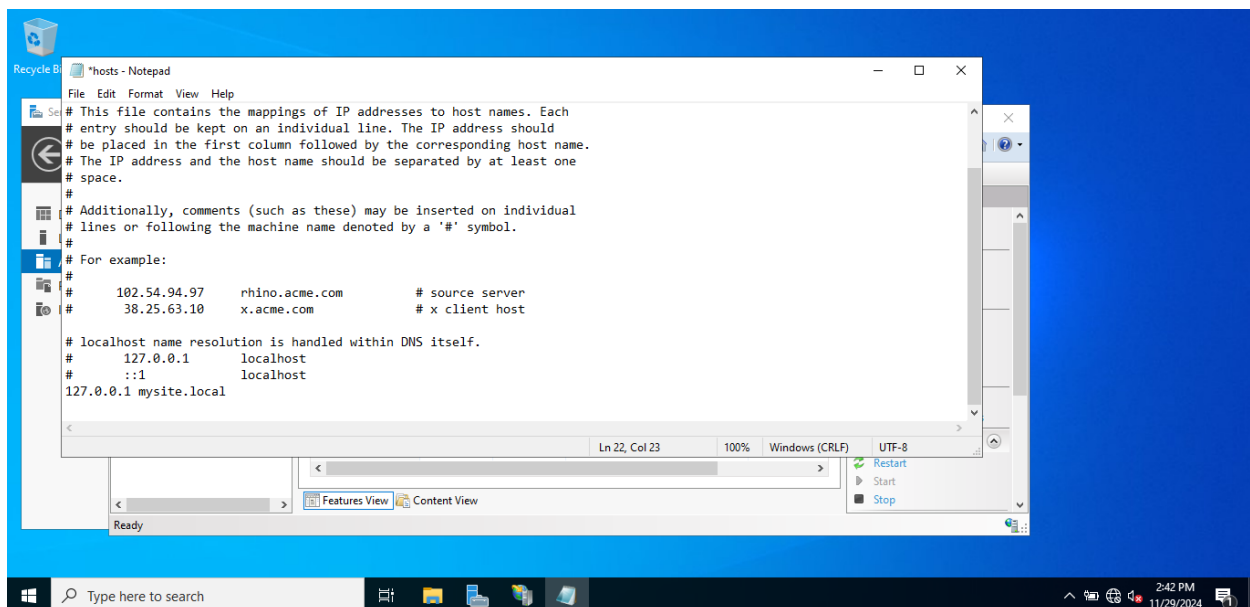

Figure 13: registering website
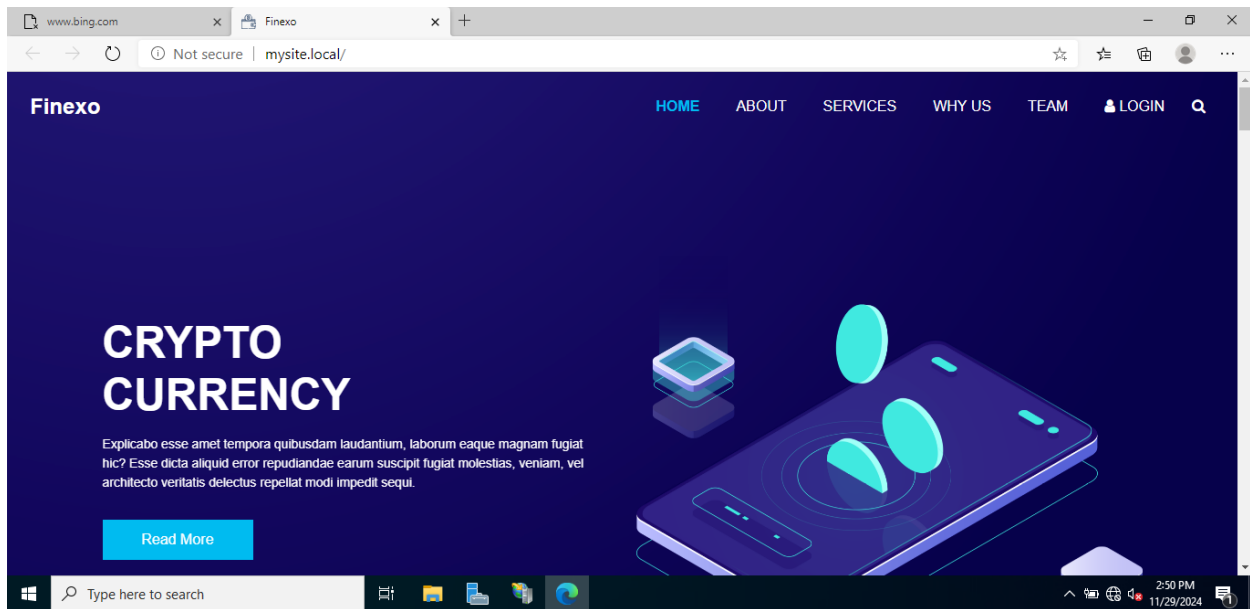
Loading webpage

Figure 14:website loaded

5. Conclusion

In this project we learnt how to configure a windows server 2022 to serve static website using IIS. We installed the required features and hosted the website by following the steps mentioned. Not only do we cover this material in class, but we also get hands-on experience in building our own web hosting and we can see how a basic server setup functions.