



Module Code & Module Title

Level 5 – CT5052NP Network Operating Systems

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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

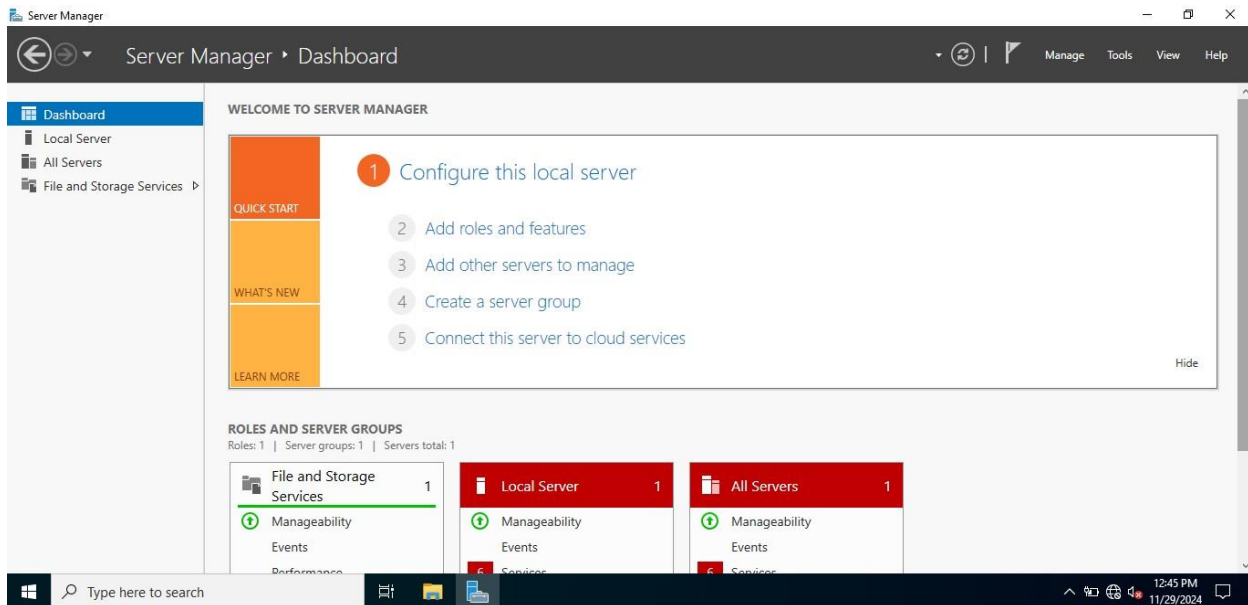


Figure 1: clicking add roles and features

After clicking it, click next button for the first page

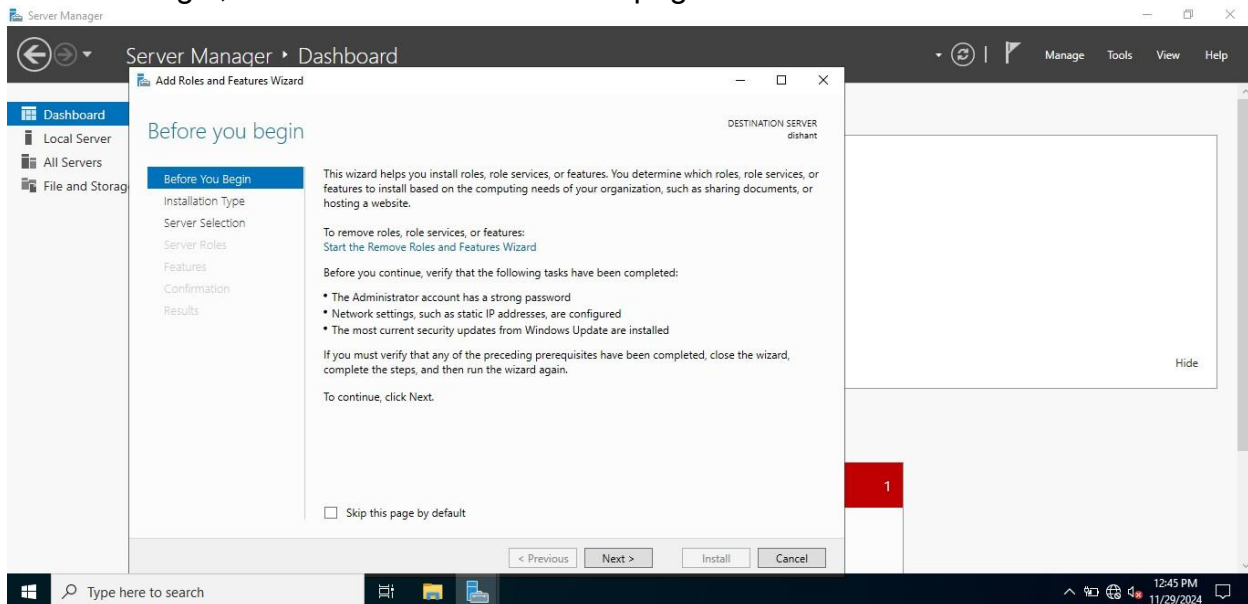


Figure 2: clicking next button

Click next button

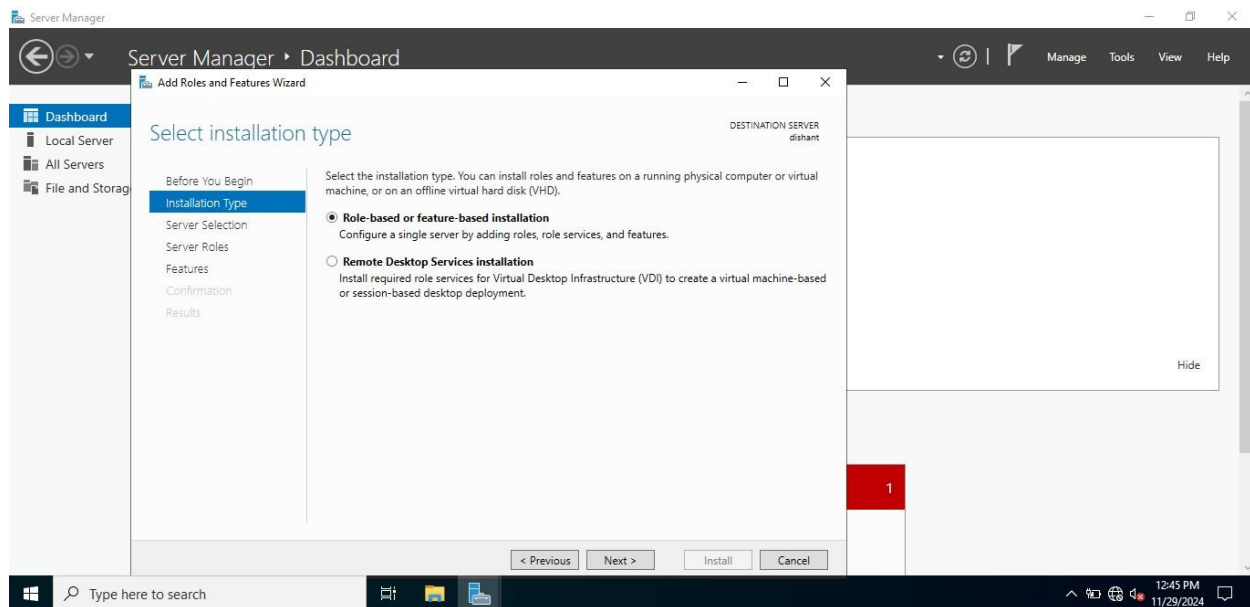


Figure 3: installation type

Click web server (IIS)

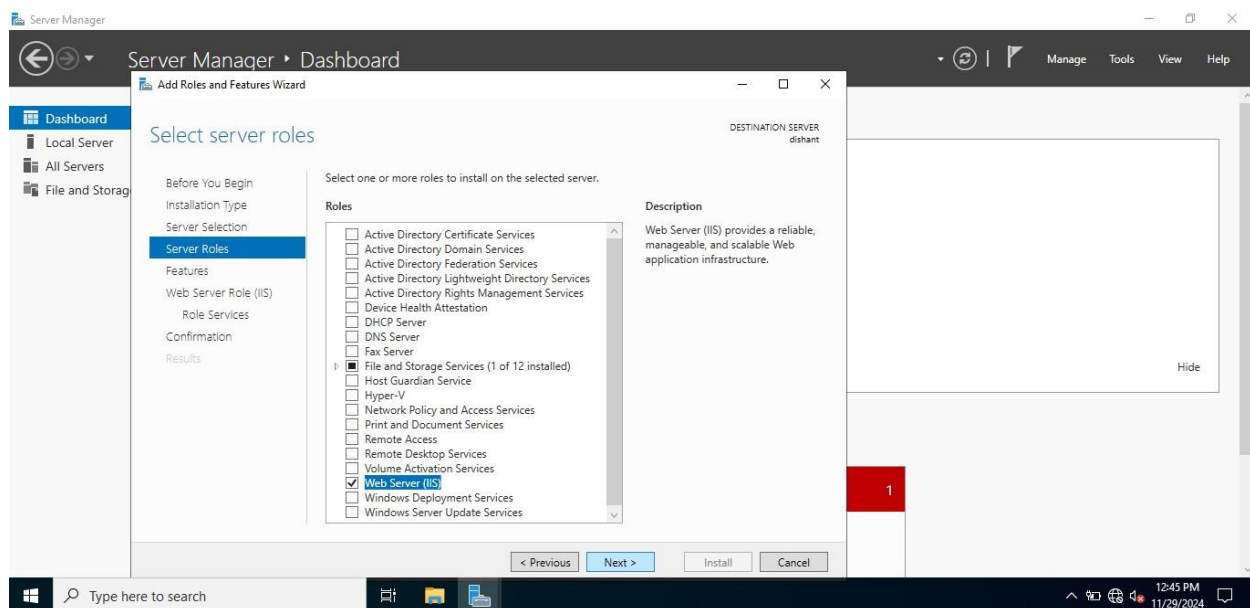


Figure 4: clicking web server

Click on add features

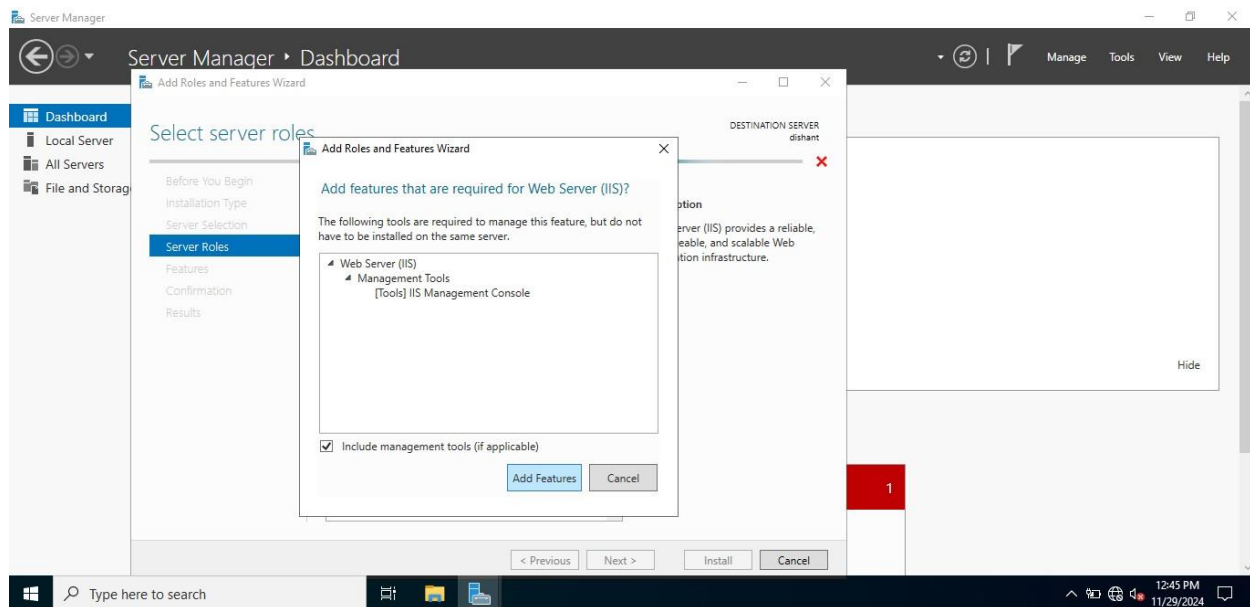


Figure 5: adding feature

Click install

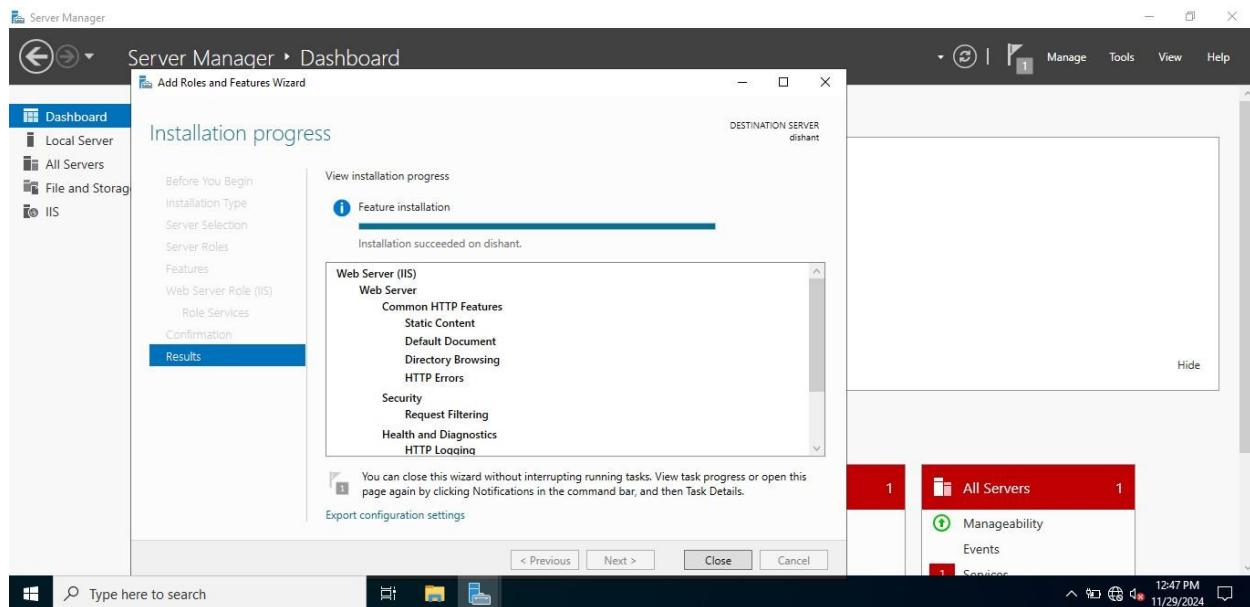


Figure 6: IIS installed

4.2 Hosting Static Website

Go back to server manager dashboard and click tools and select IIS Manager

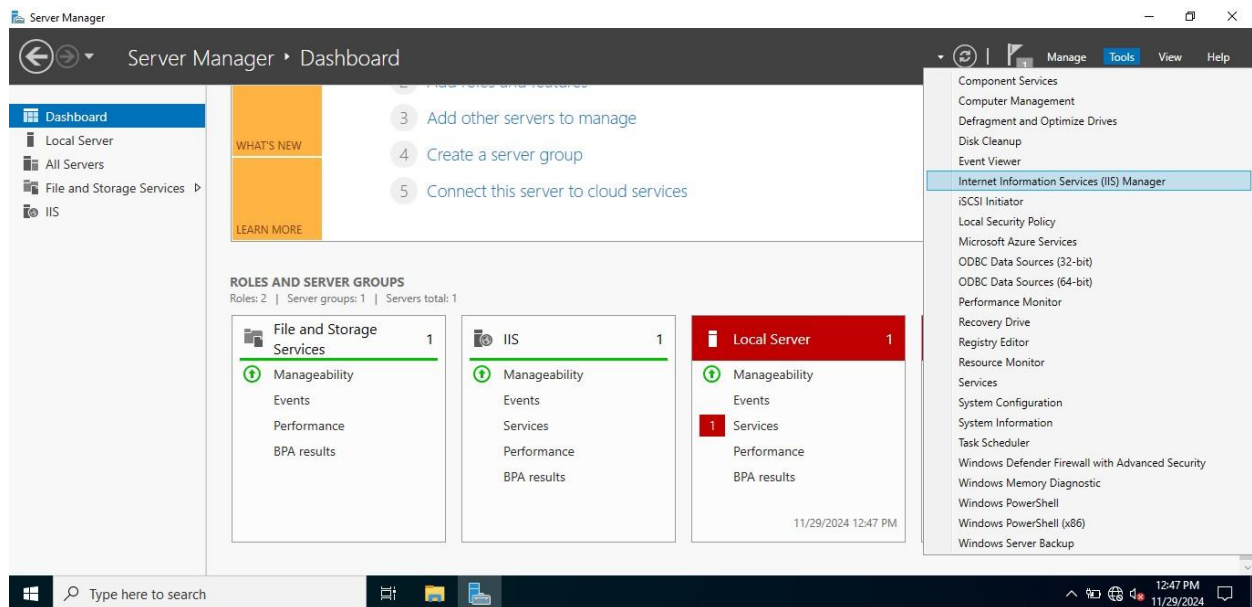


Figure 7: clicking IIS manager

It'll start the page of IIS manager

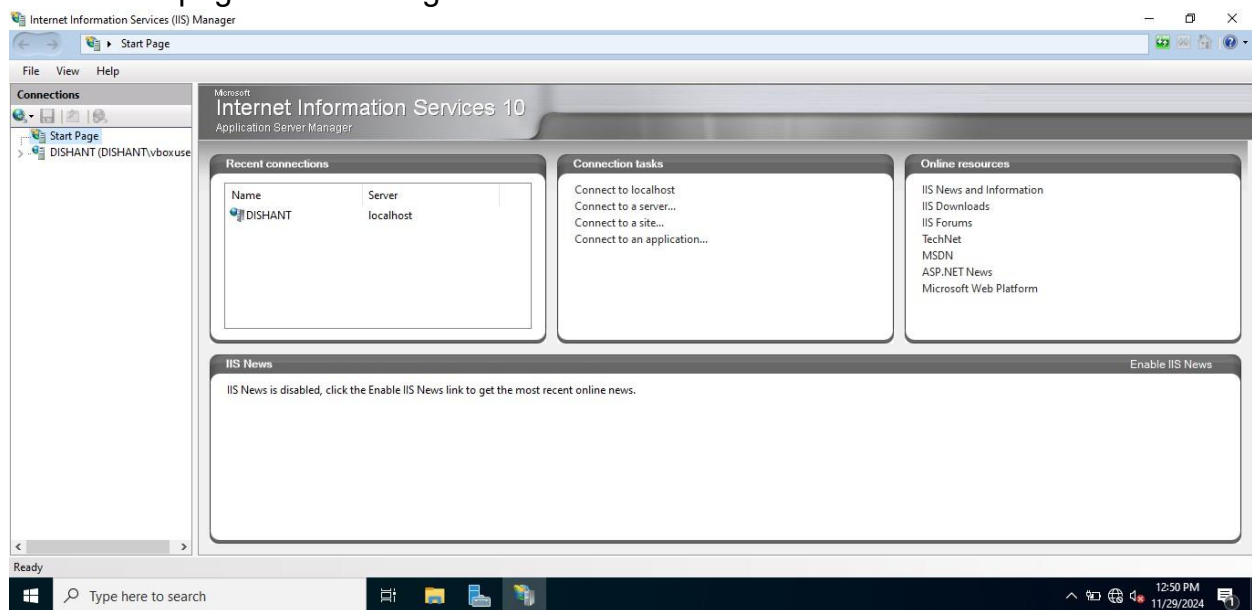


Figure 8: IIS manager start page

Dropdown Dishant then again dropdown sites

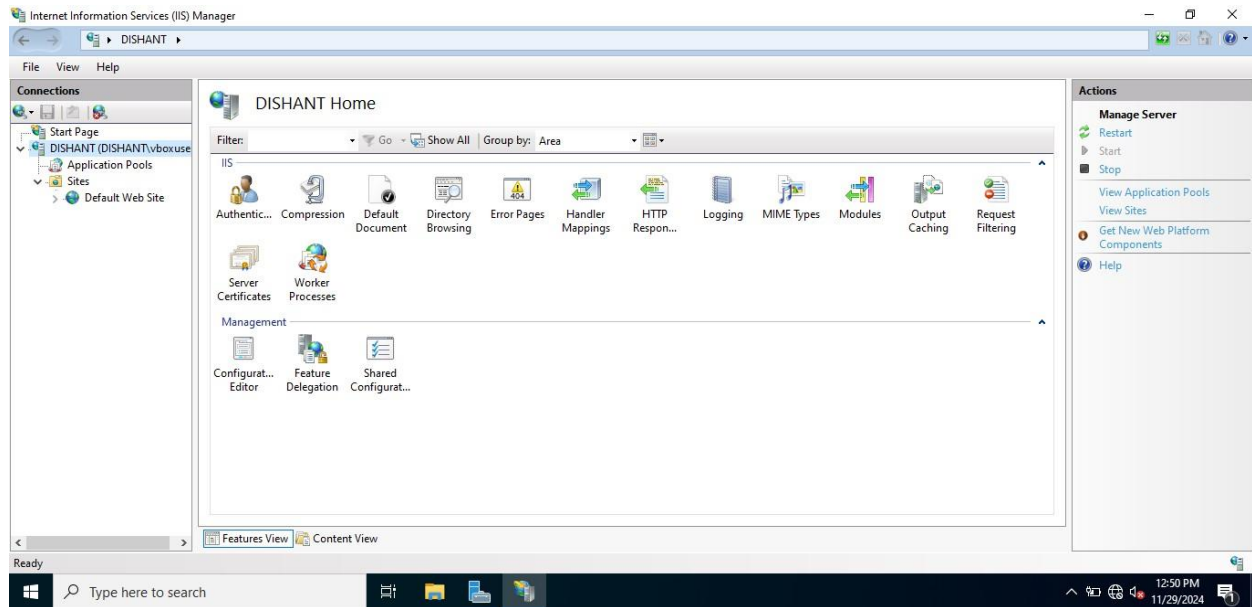


Figure 9: server default sites

Right click on sites and click add a new website

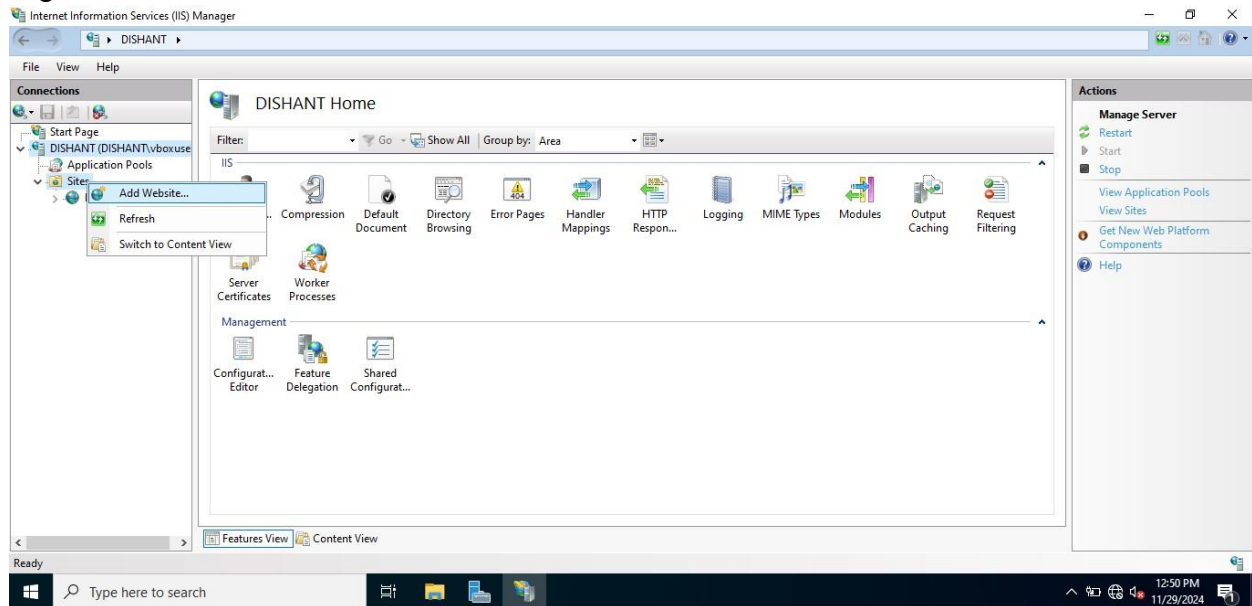


Figure 10: clicking add website

After clicking add websites fill the details of the website

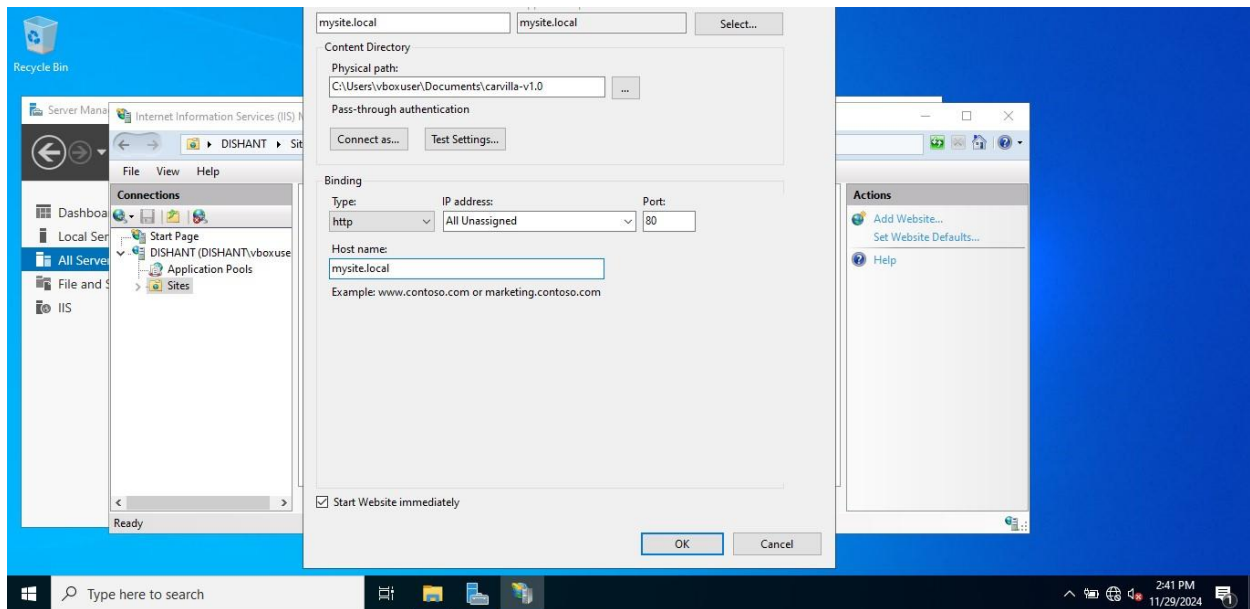


Figure 11: website details

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

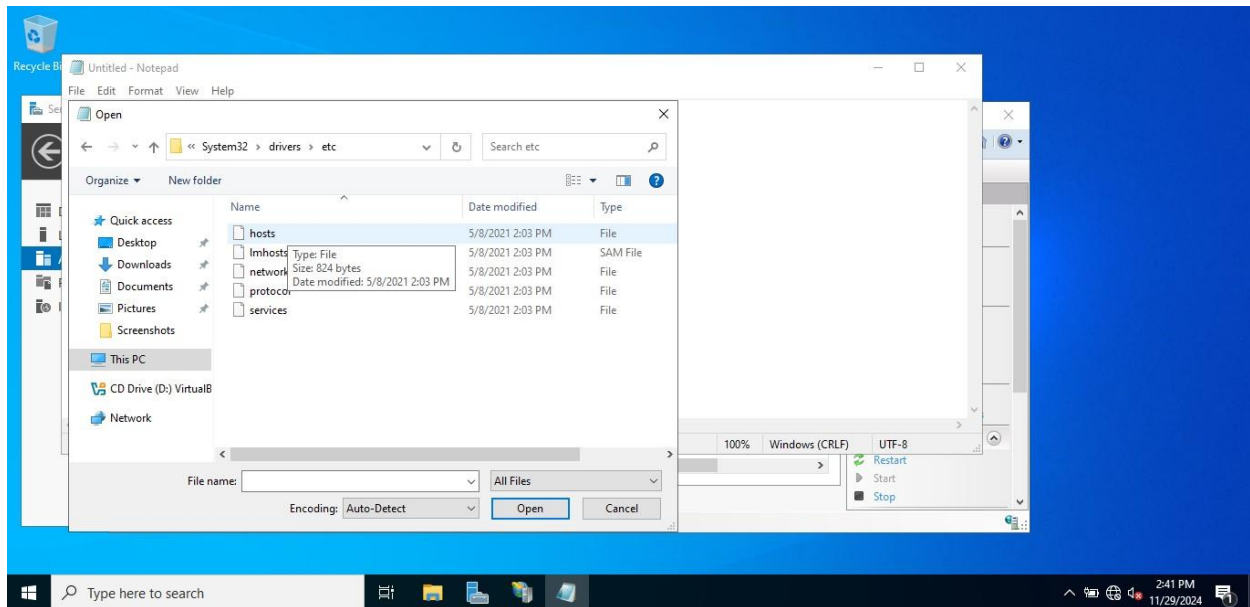


Figure 12: opening host file in notepad

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

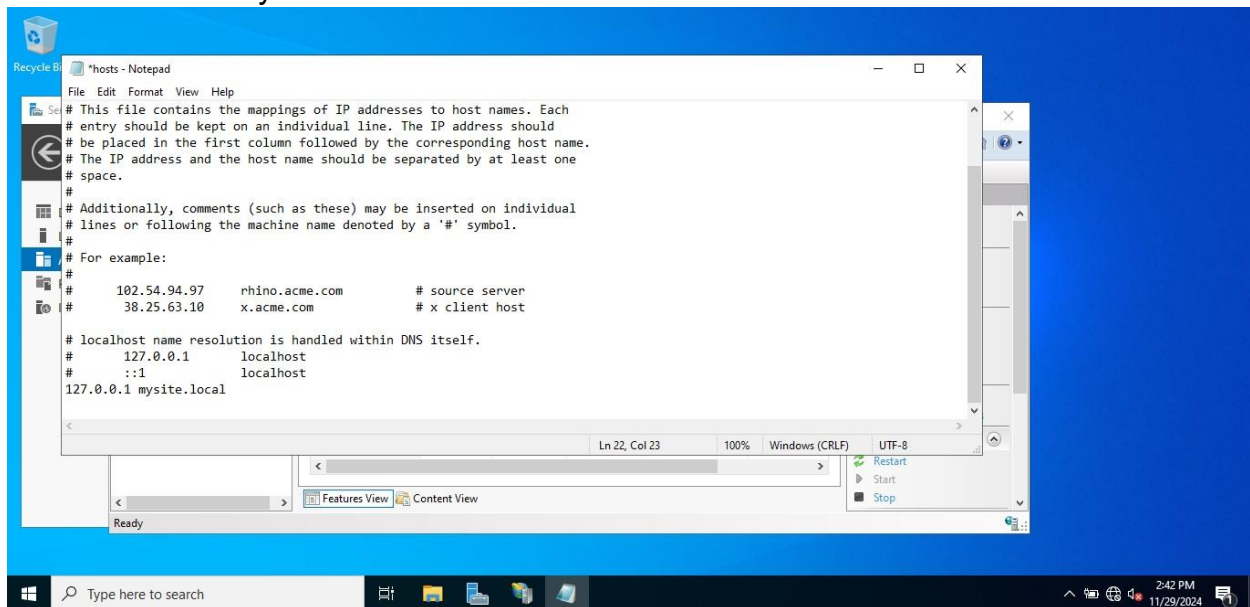


Figure 13: registering website

Loading webpage

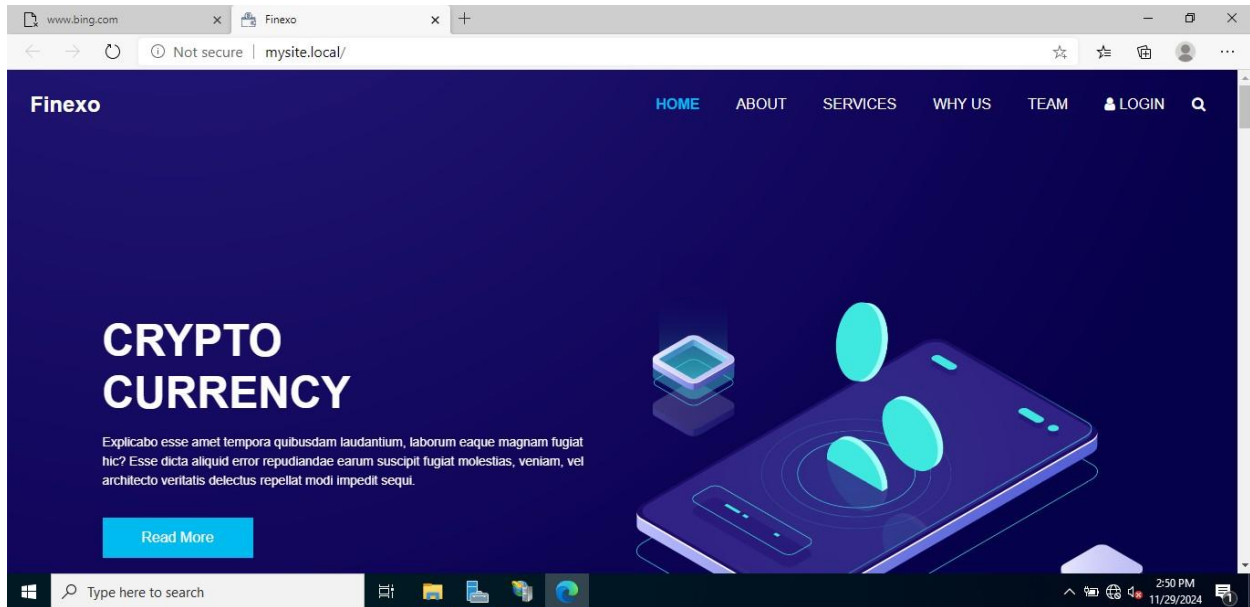


Figure 14: website loaded

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.