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**Assessment Type**

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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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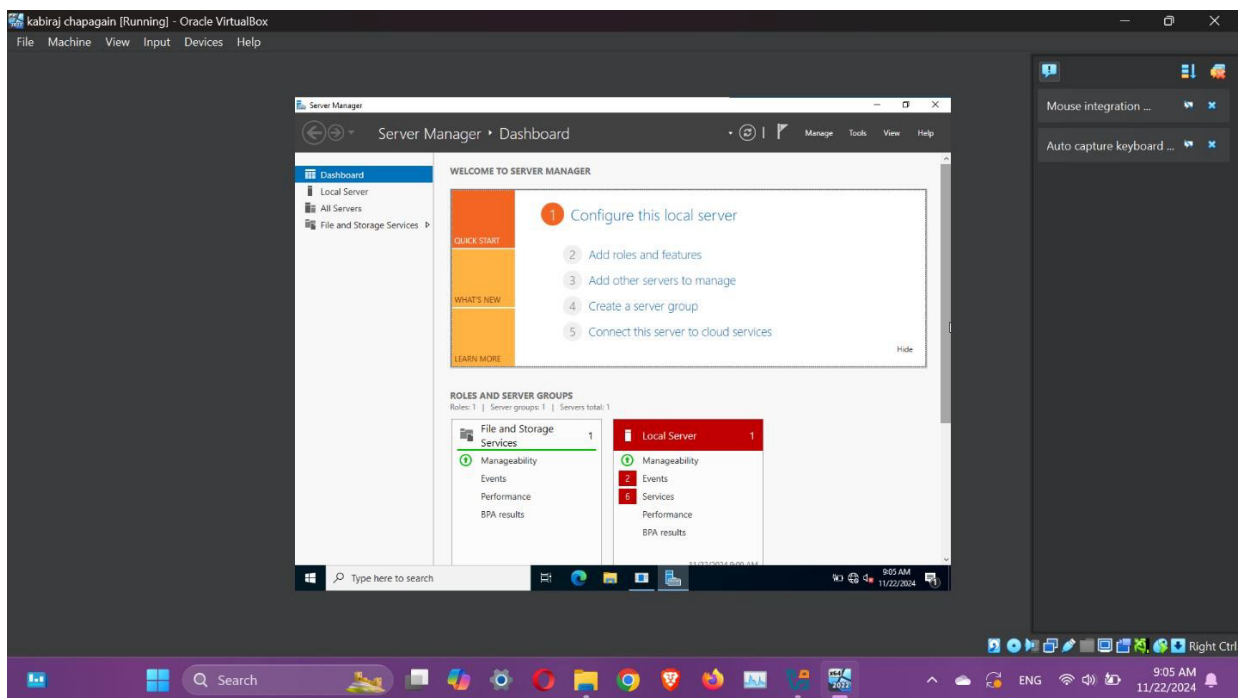
## 1. Introduction

Windows Server 2022 is the latest version of Microsoft's server operating system, released in October 2021. It introduces a range of features designed to enhance security, improve performance, and facilitate hybrid cloud environments.

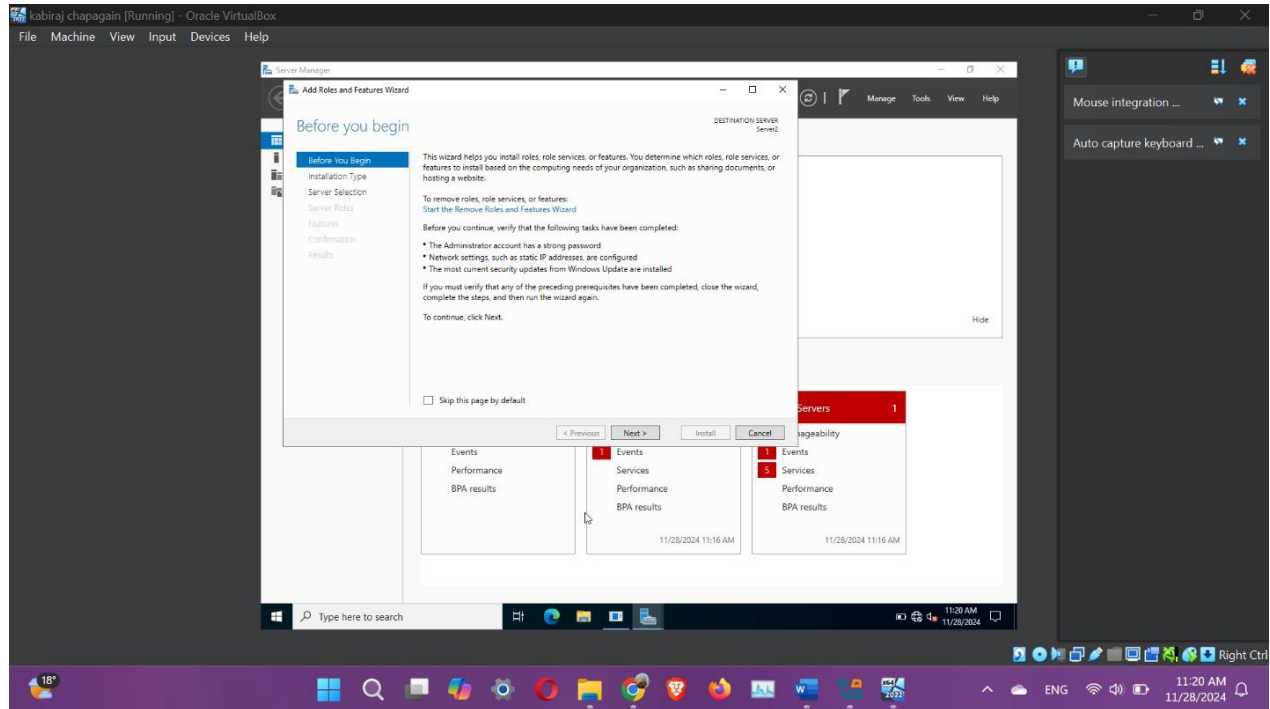
## 2. Objective

In this workshop our objective is to install roles and features in windows server 2022 that helps to host a static website.

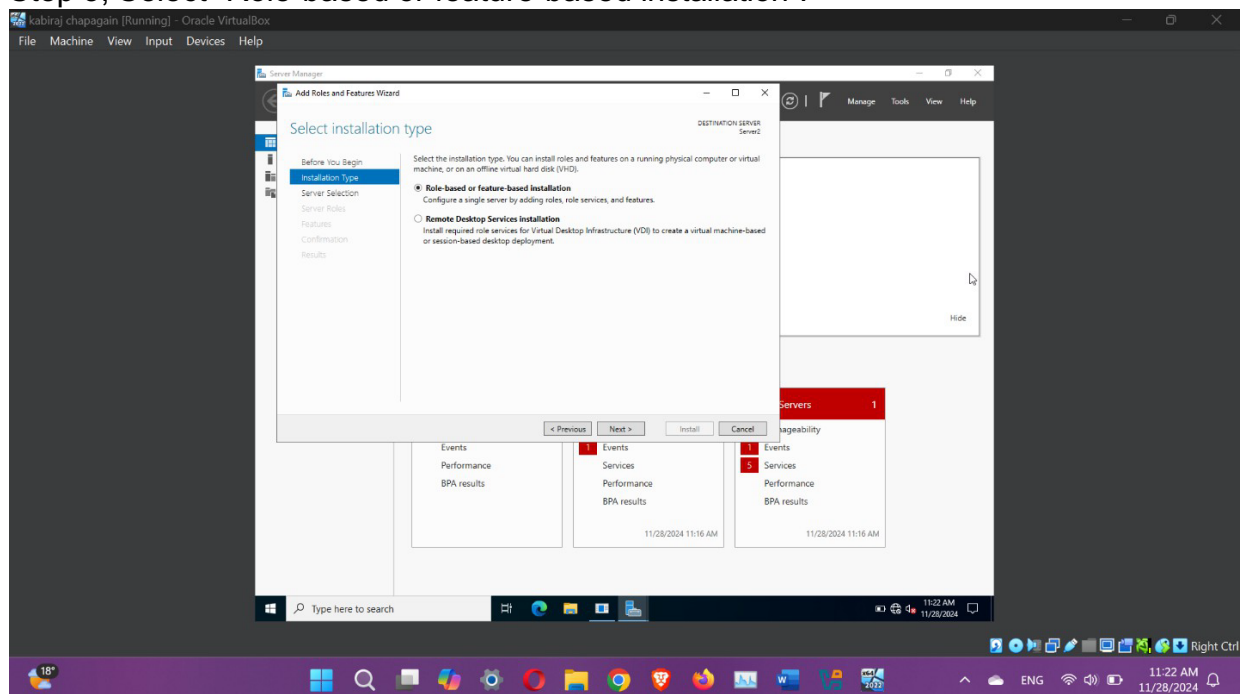
Step 1; Open windows server manager dashboard and click on “add roles and features”.



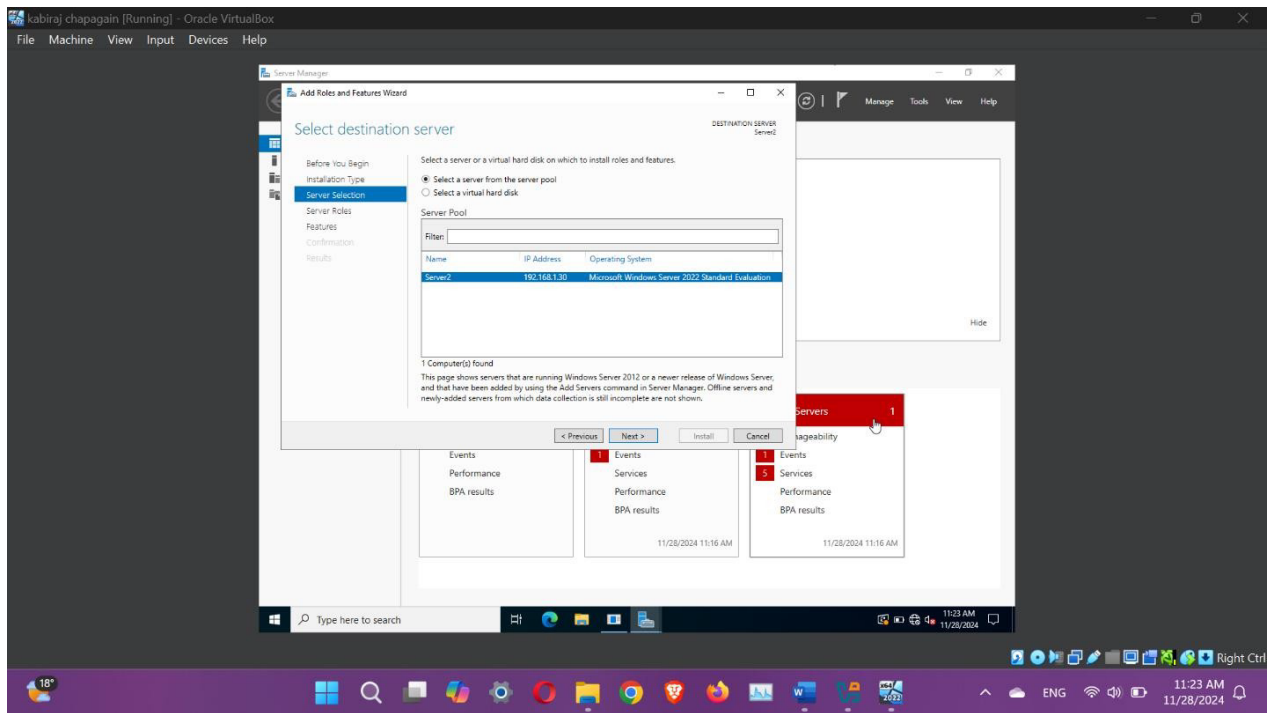
Step 2; Click on next button.



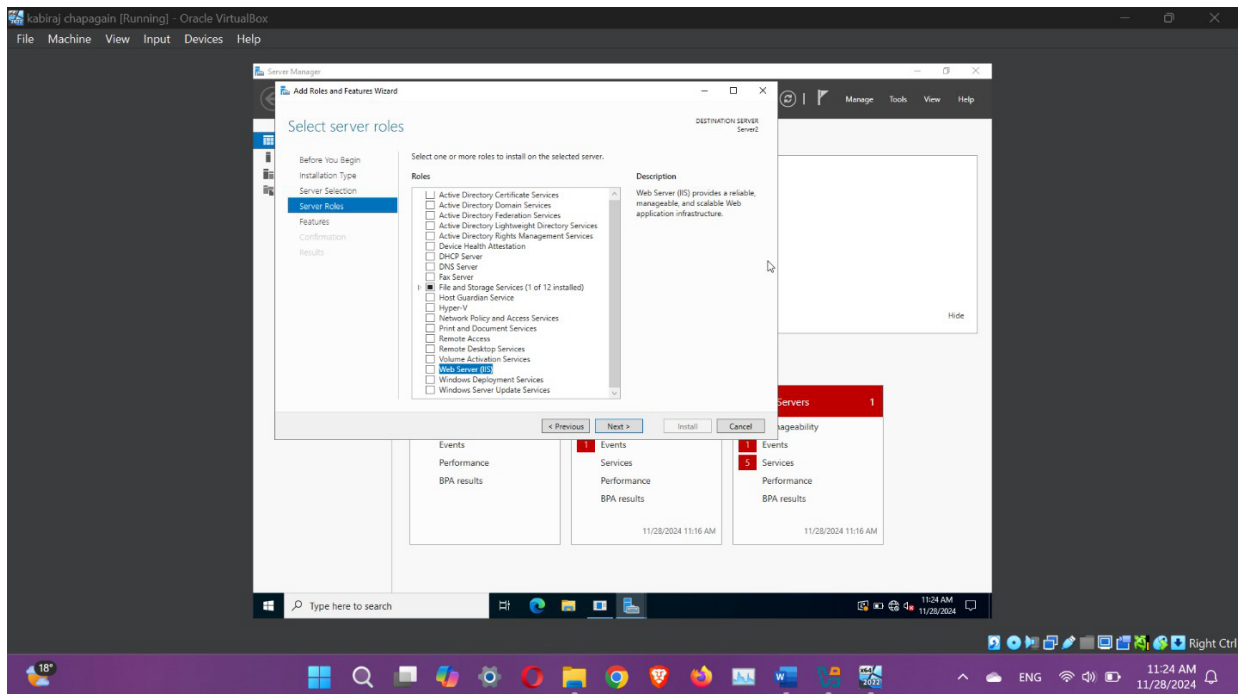
Step 3; Select “Role-based or feature-based installation”.



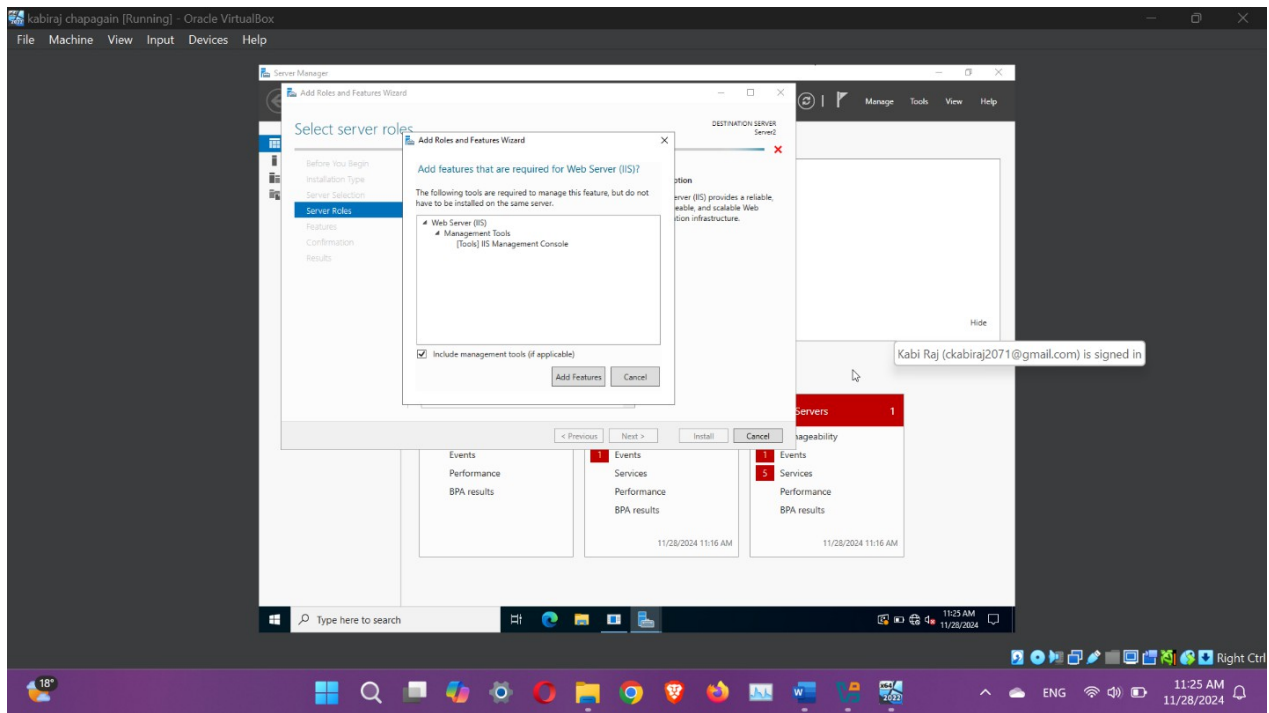
Step 4; Just click on next button.



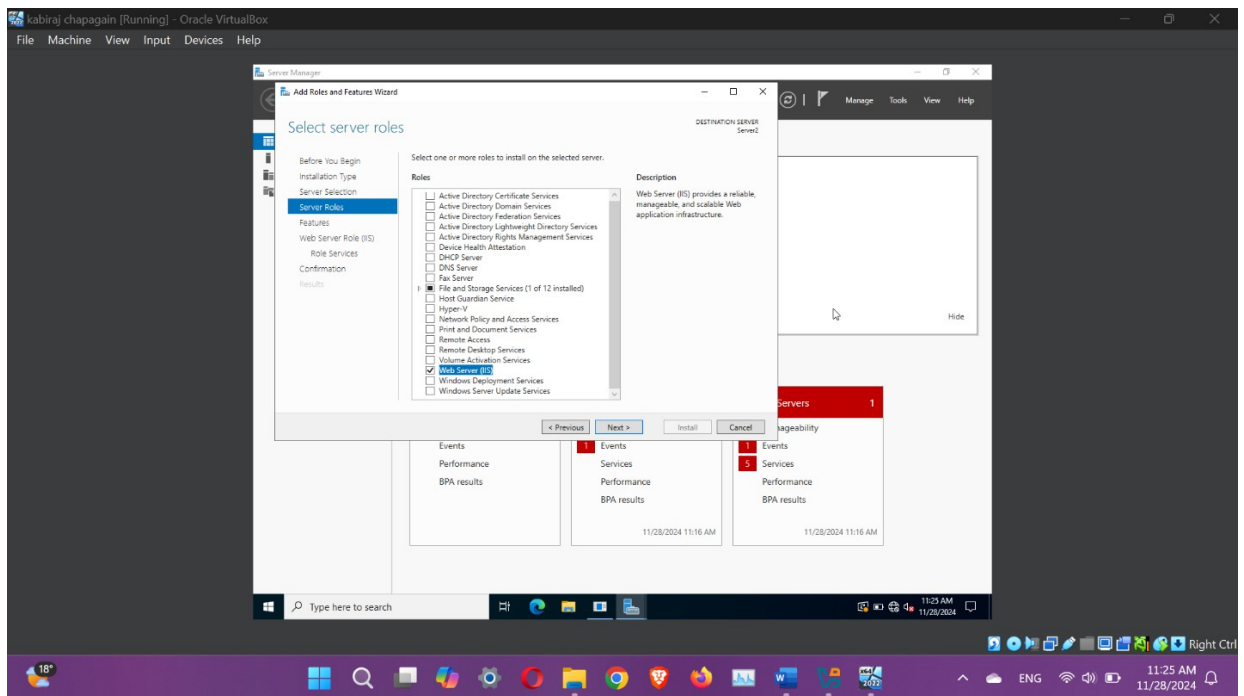
Step 5; Click on “Web Server(IIS)” feature. This enable us to add a new role in server to host a web application over server.



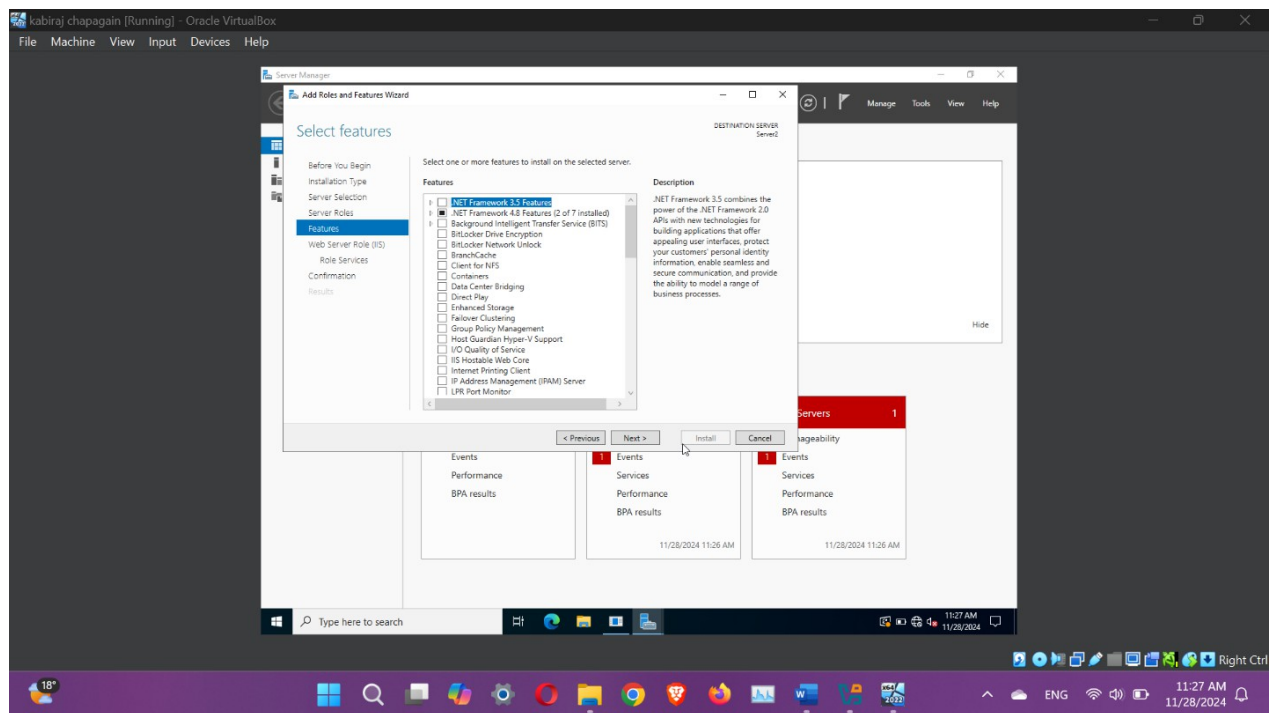
Step 6; Click on “Add feature”.



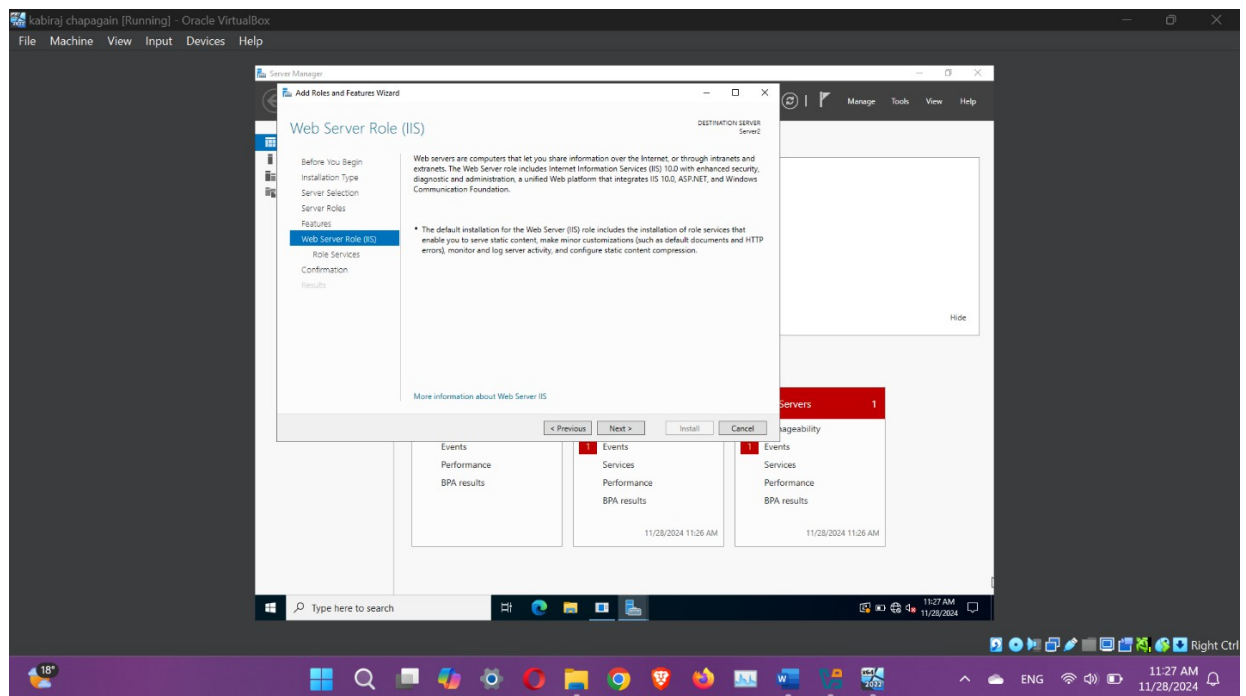
Step 7; Web server role has been added. Now click on next.



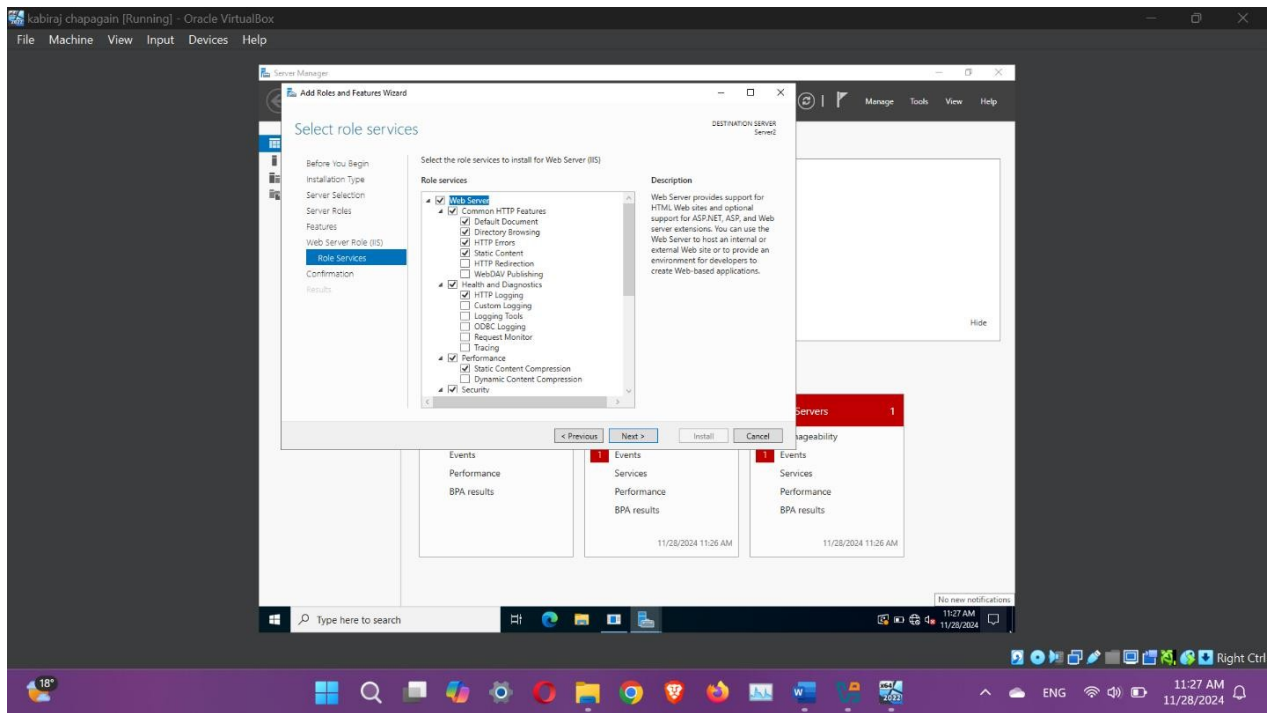
Step 8; Just click next by leaving all default values.



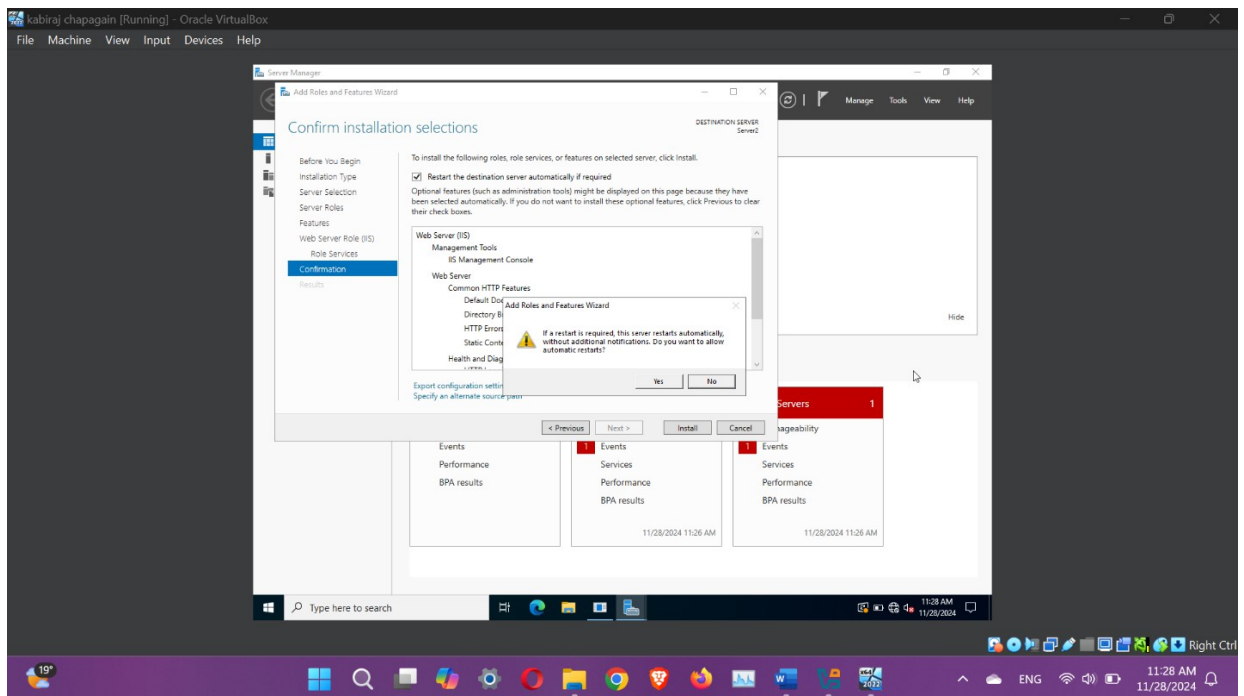
Step 9; Click on next button.



Step 10; Click next without looking on anything.

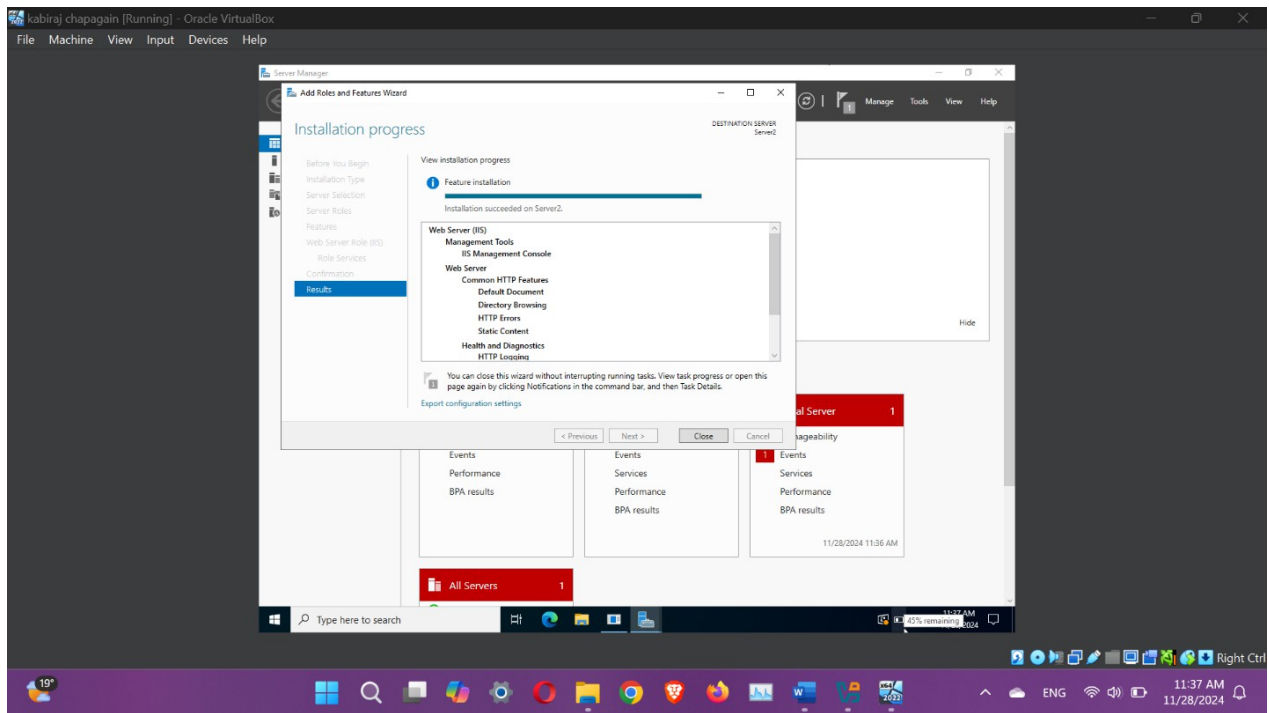


Step 11; Click on “Restart the destination server automatically if required” and press Yes and then again click on install it.

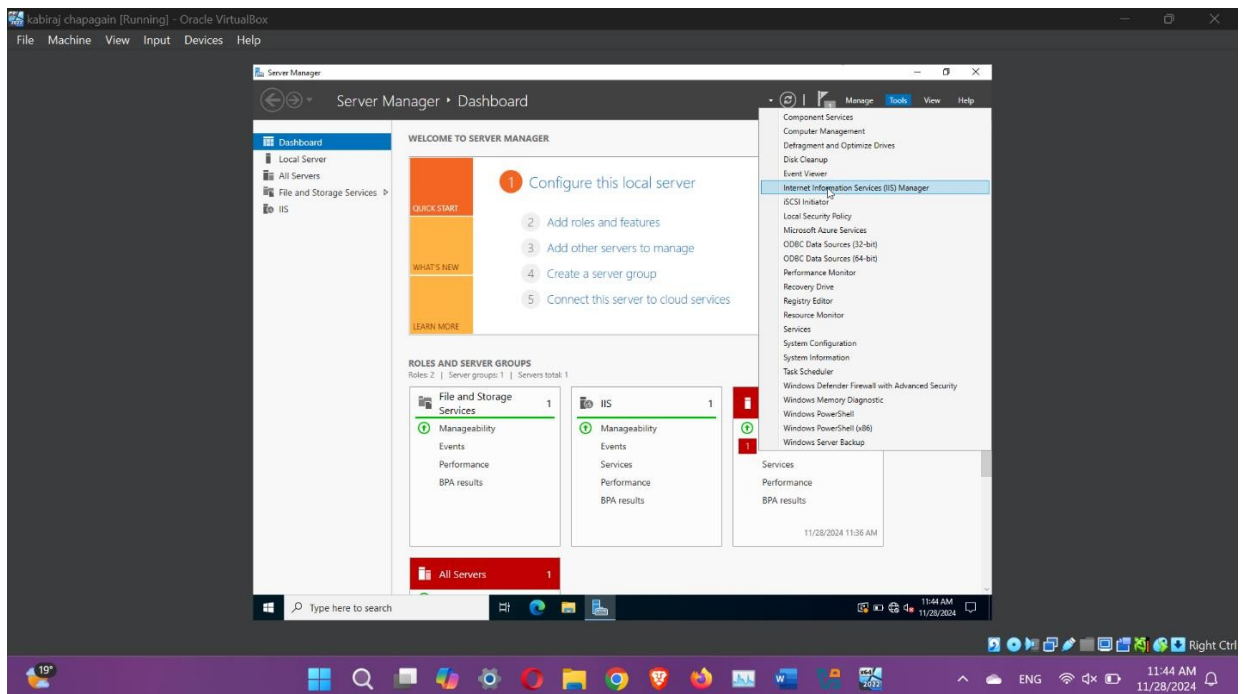




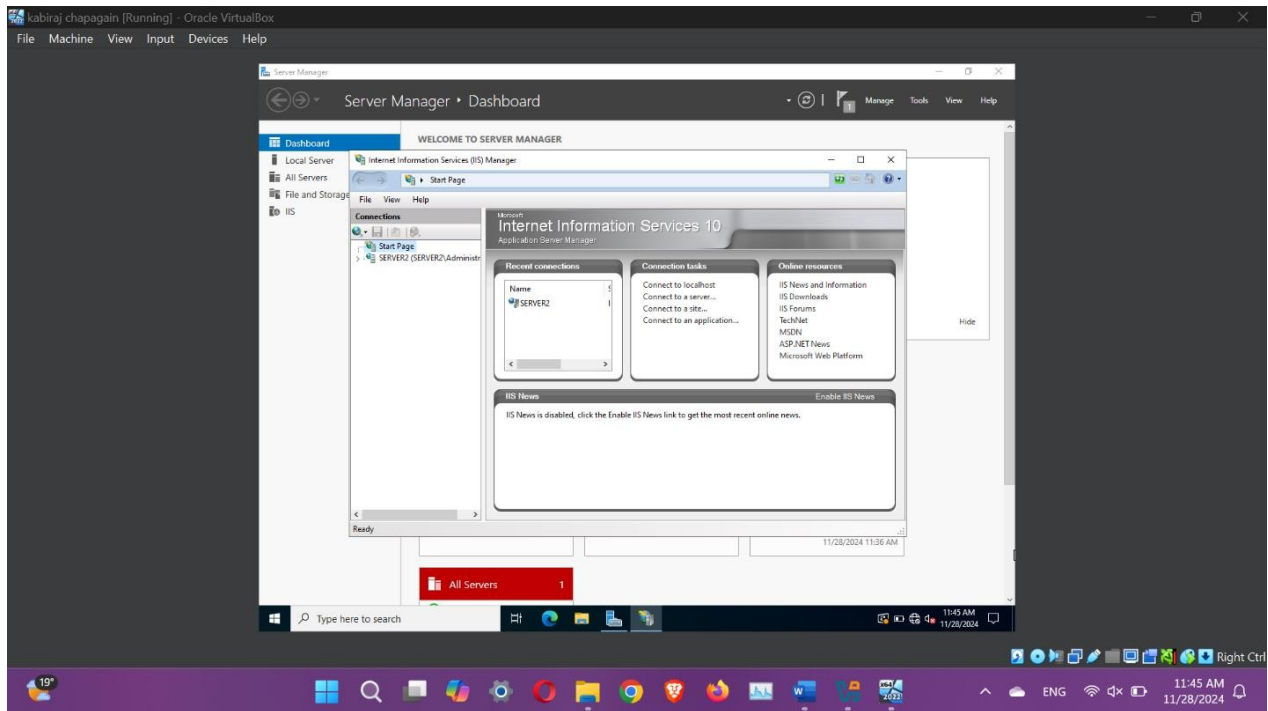
Step 12: It will take time to get installed.



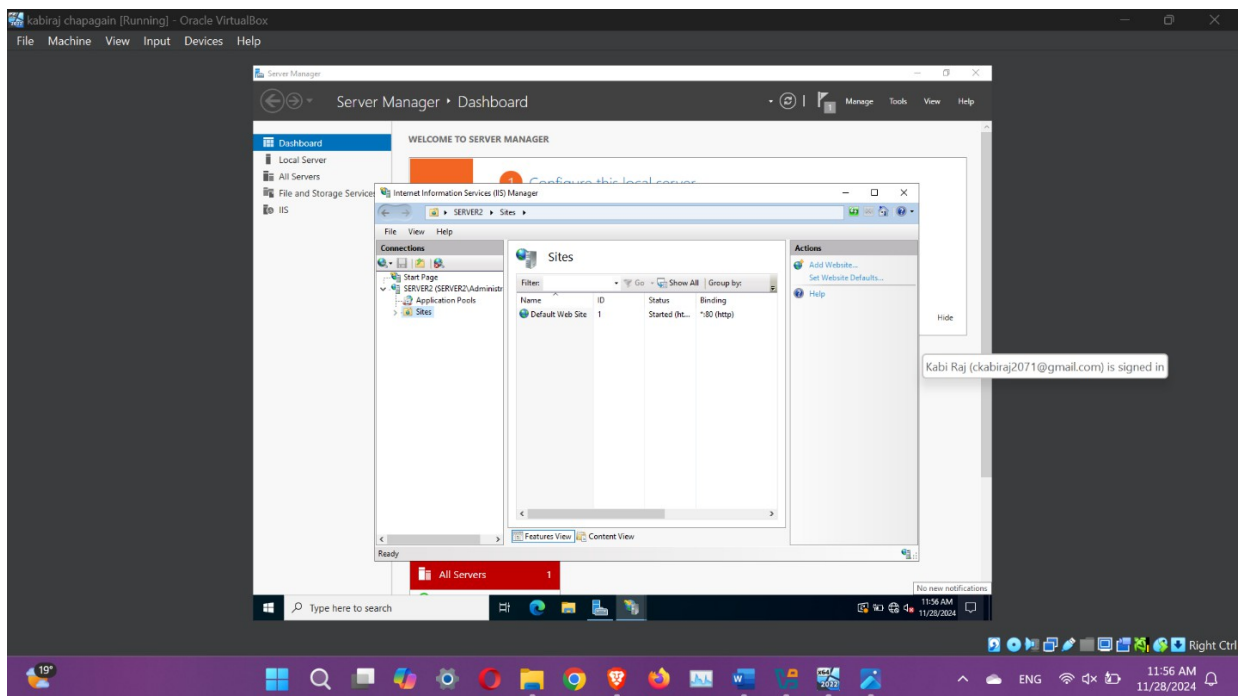
Step 13; We have installed web server role in windows server. Now click on Tool menu on right side of corner and select “Internet Information Services(IIS)”.



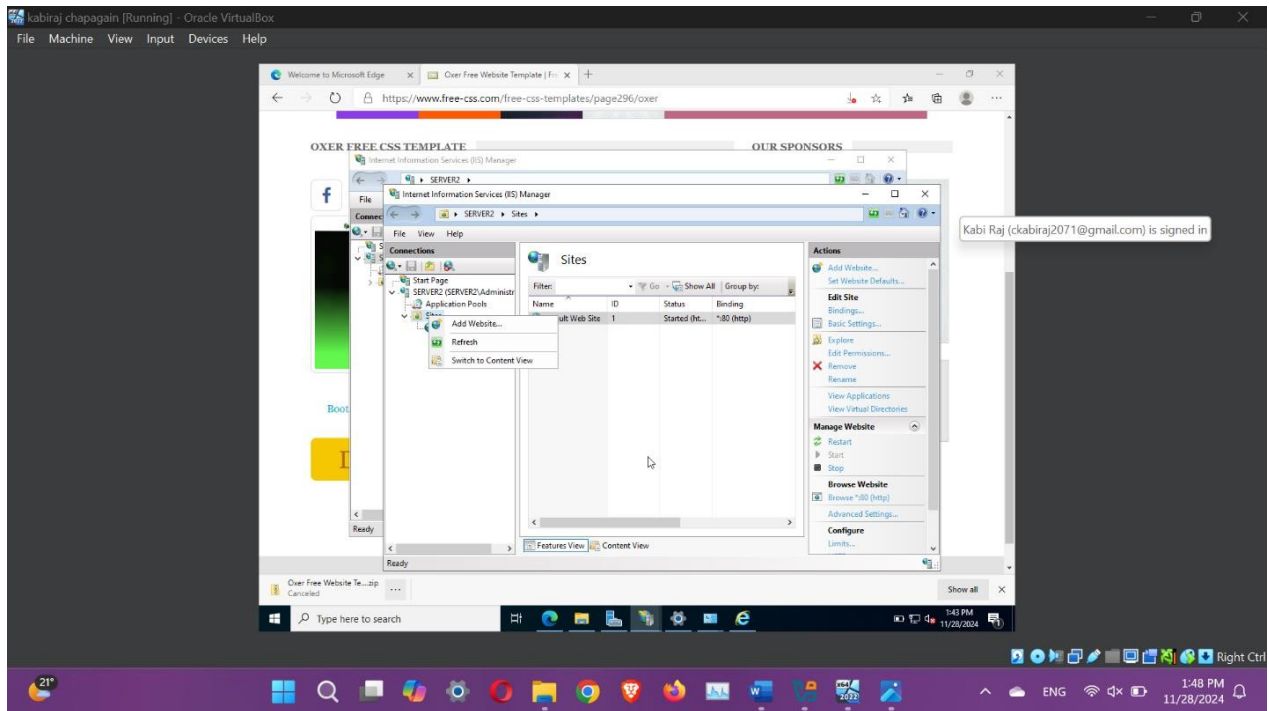
Step 14; The IIS manager will now open and we can see our server name on the left panel of the manager.



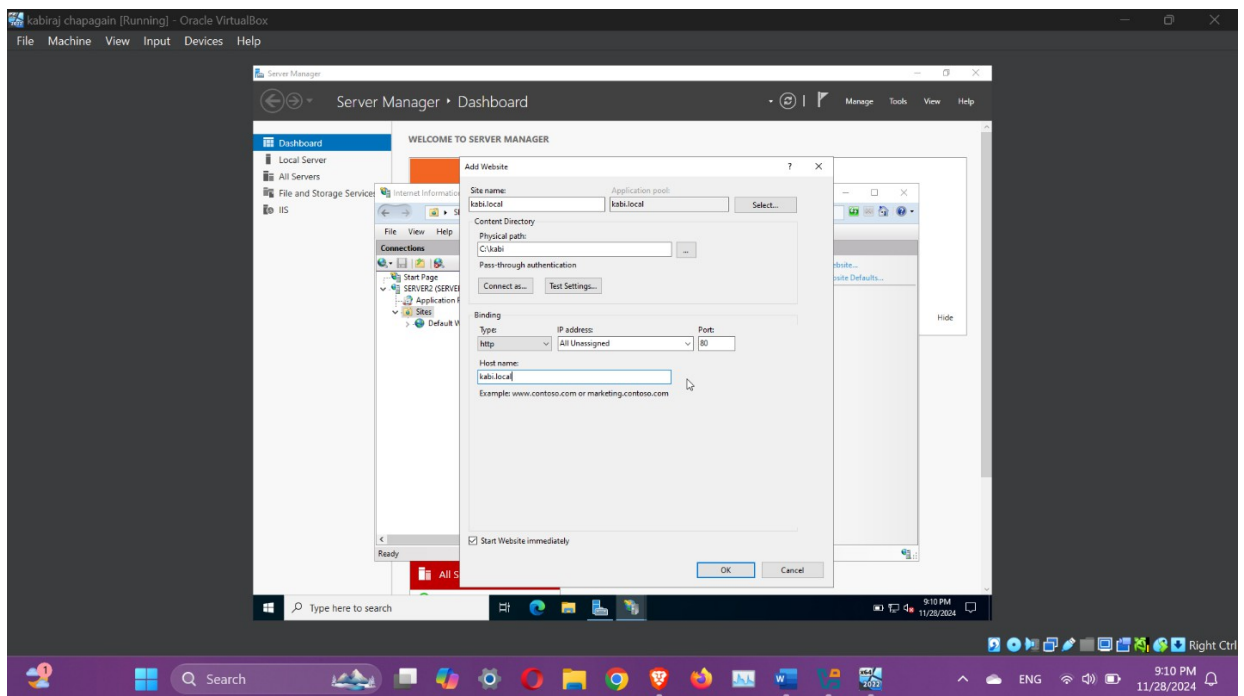
Step 15; Click on dropdown button, you will see “Sites” option. Again click on dropdown button near sites menu.



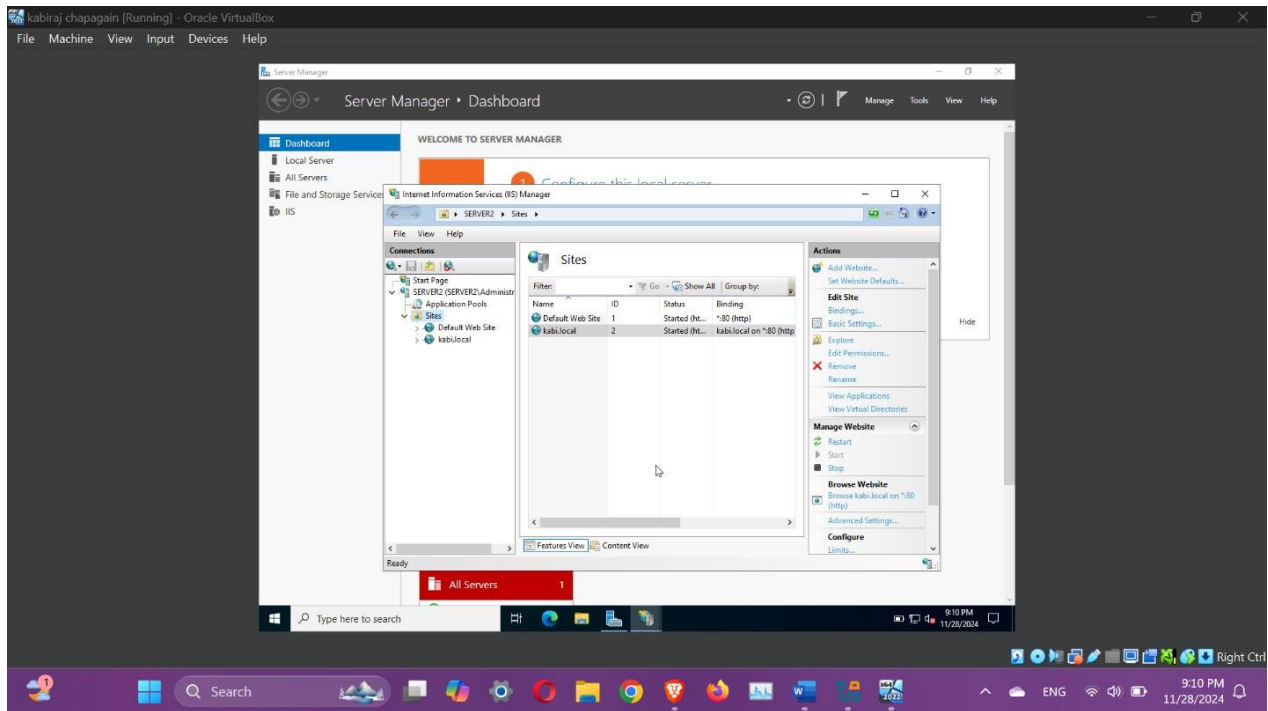
Step 16; As we can see there is only One web site which is default website. Now we are going to add new website. Right click on “Sites” and click on “Add Website”.



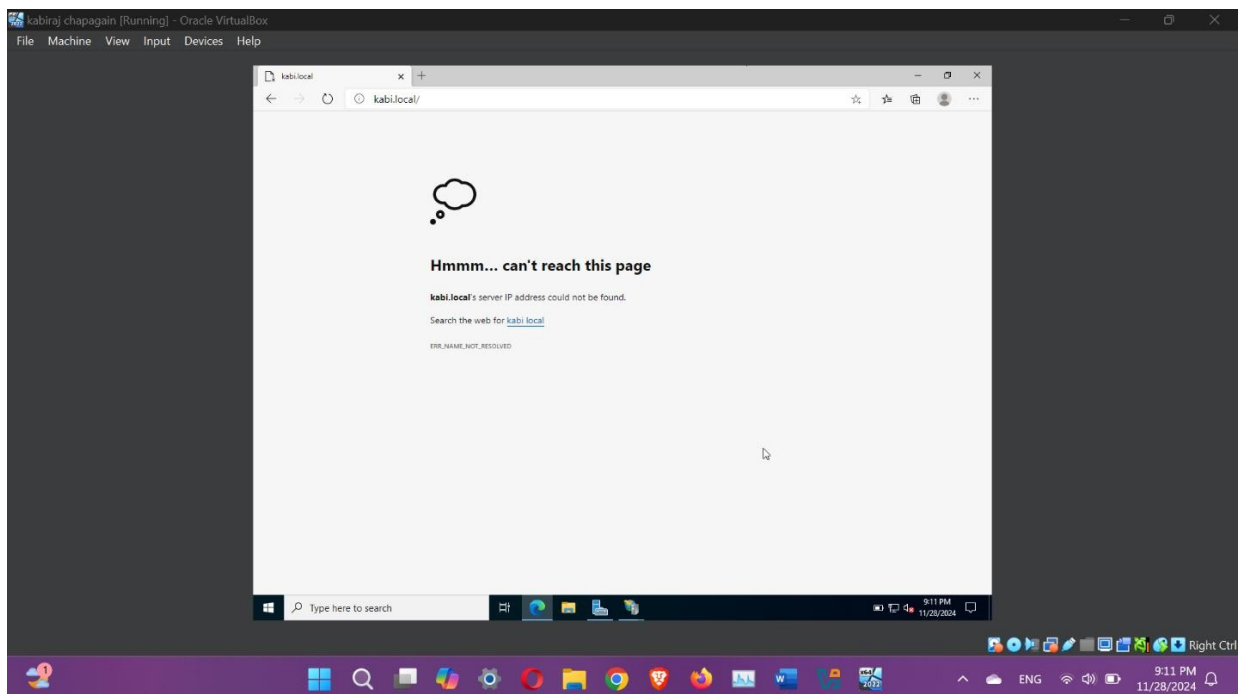
Step 17; Now we need to enter site credentials. Give name “kabi.local” on site name, On physical path select the folder where website file is located and type “kabi.local” on Host name.



Step 18; As we can see our site has been listed. We can search by typing “kabi.local” on addressbar of web browser in window server.

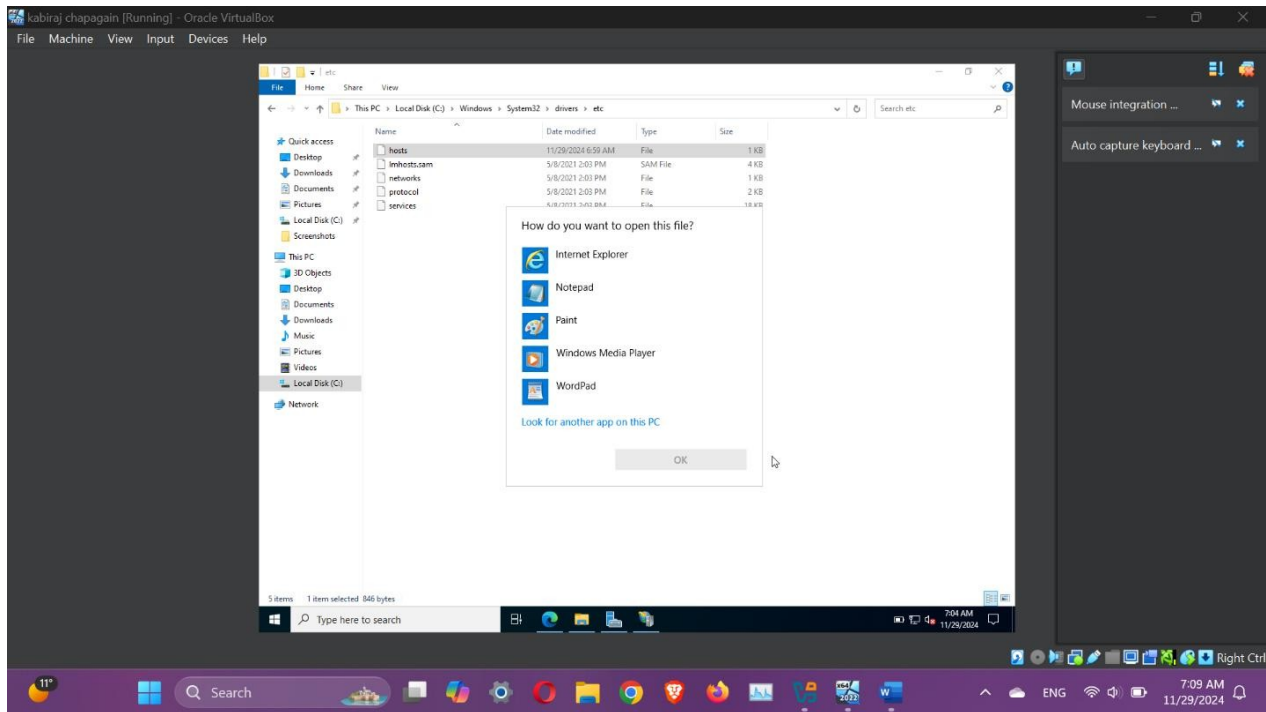


Step 19; If you faced this issue, you don't have to worry as we need to register our site in host file too.



Step 20; To register our site in host file, , we need to open the hosts file in notepad which is located at the following path: C/Windows/System32/drivers/etc/hosts.

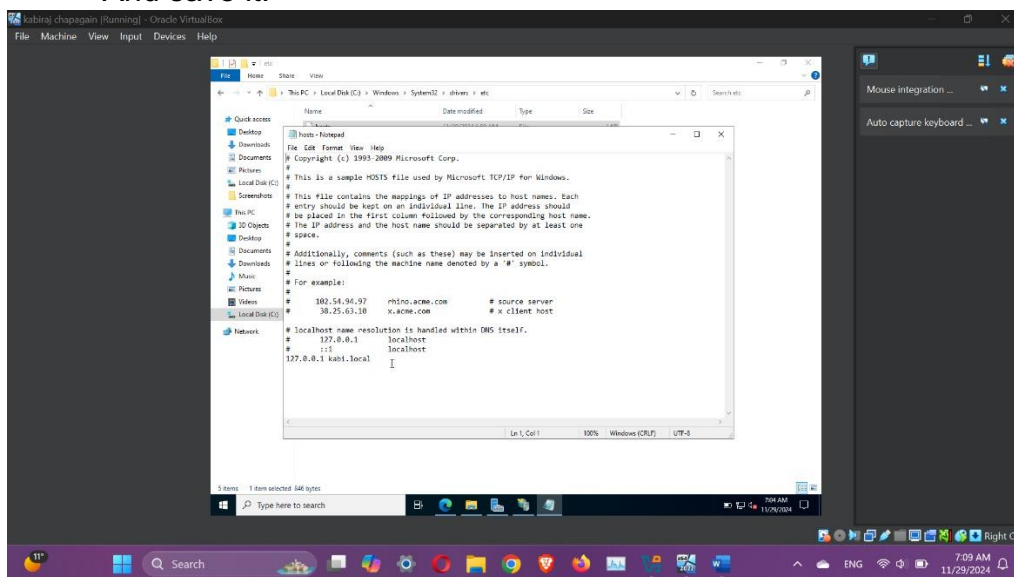
Now open that hosts file using notepad.



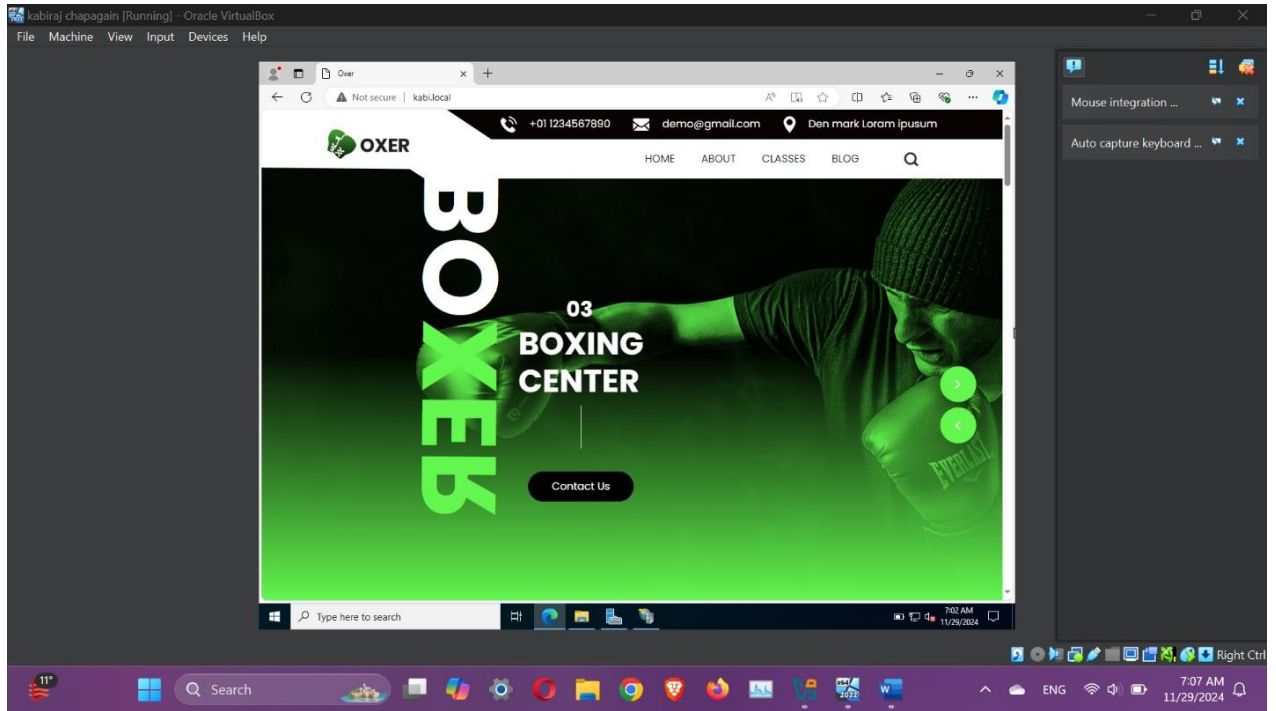
Step 21; Add the following line at the end of the file:

127.0.0.1 kabi.local

And save it.



Step 22; Now reload the webpage. Boom our website has been loaded.



### 3. Conclusion

Overall, Windows Server 2022 is positioned as a comprehensive solution for modern IT challenges, making it an attractive choice for organizations looking to enhance their infrastructure while preparing for future technological advancements. Its combination of advanced security, improved performance, and cloud readiness ensures that it meets the needs of both traditional and contemporary workloads effectively.