



Module Code & Module Title

Level 5

Assessment Type

Logbook _4

Semester

2023/24 Spring/Autumn

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Submitted To: Mr. Prashant Adhikari

I confirm that I understand my proposal needs to be submitted online via College's MST PORTAL under the relevant module page before the deadline 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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Objective:

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

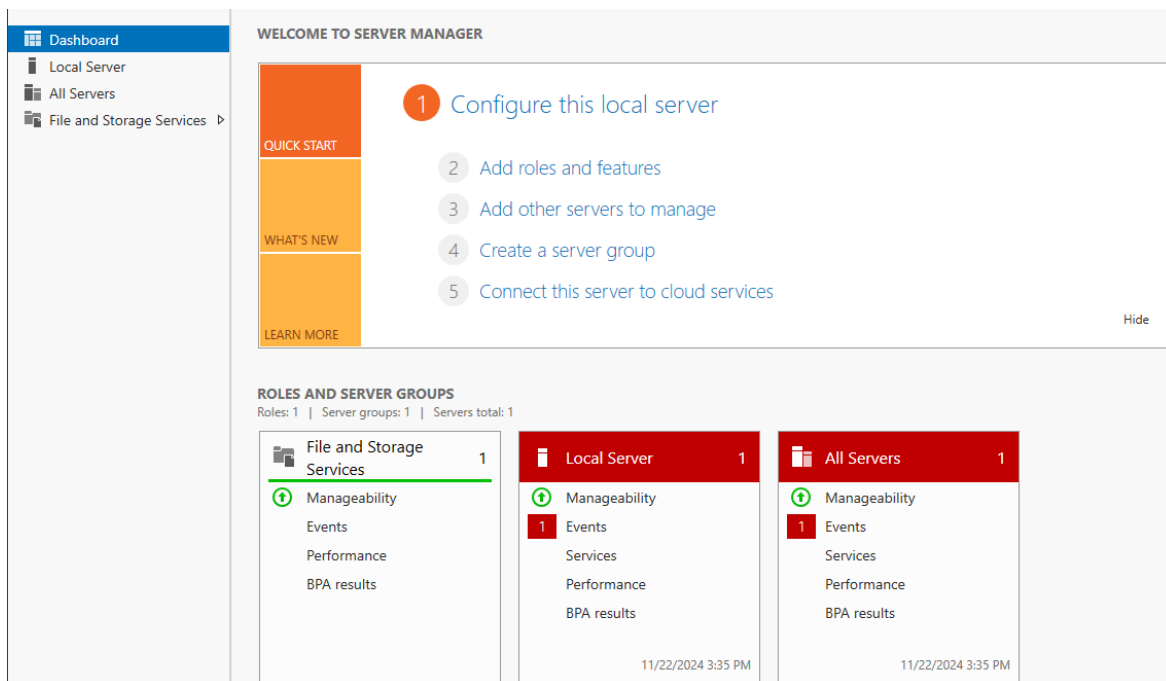
Requirements:

Download a template using <http://www.free-css.com> and extract it. Create a folder in C drive and copy all the extracted files in that folder.

Steps for doing things inside server manager:

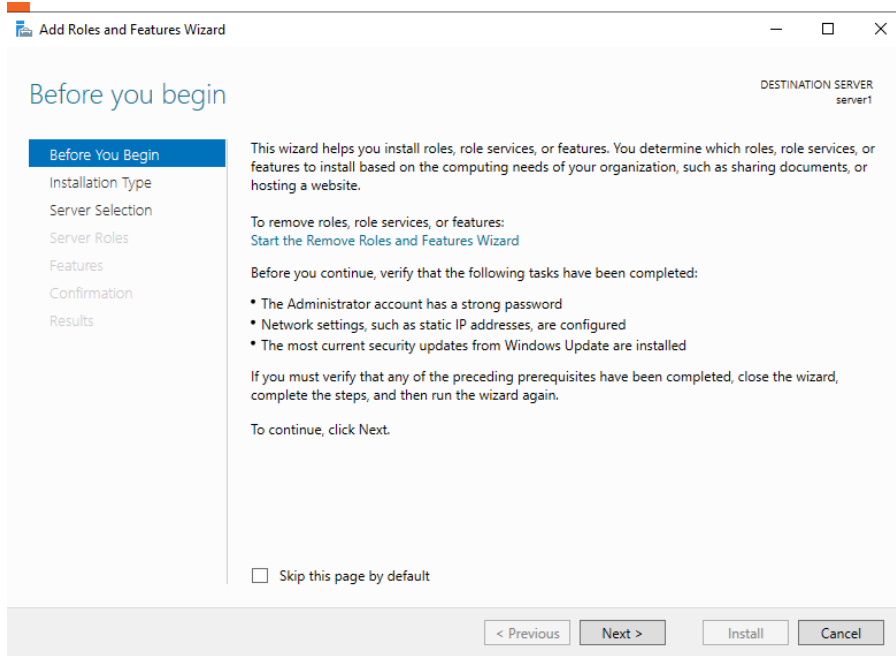
I: Adding roles and features

Open windows server's server manager dashboard and click on "Add roles and features"

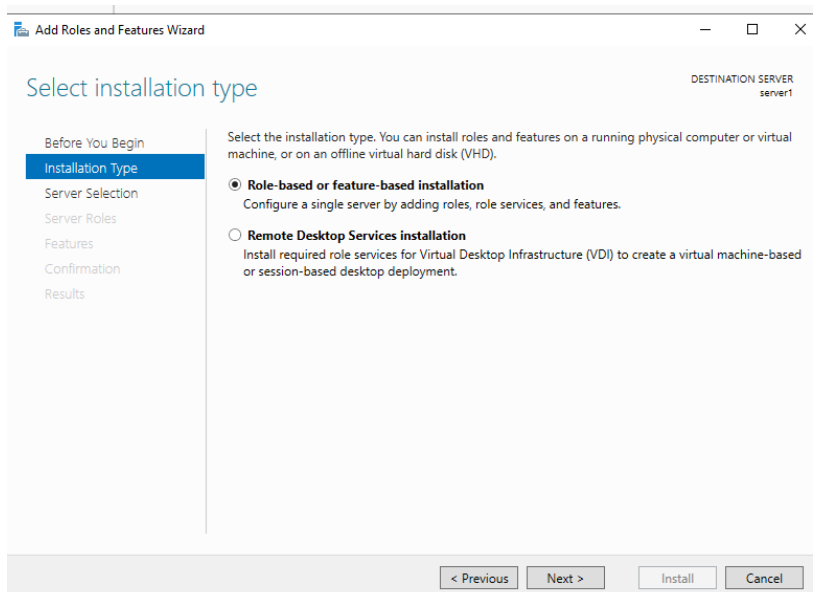


II. Clicking on next button

Now click on next button



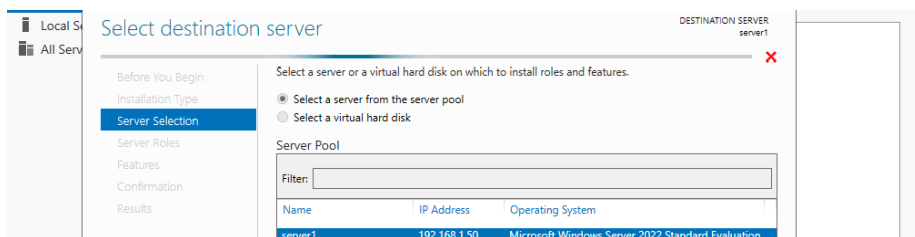
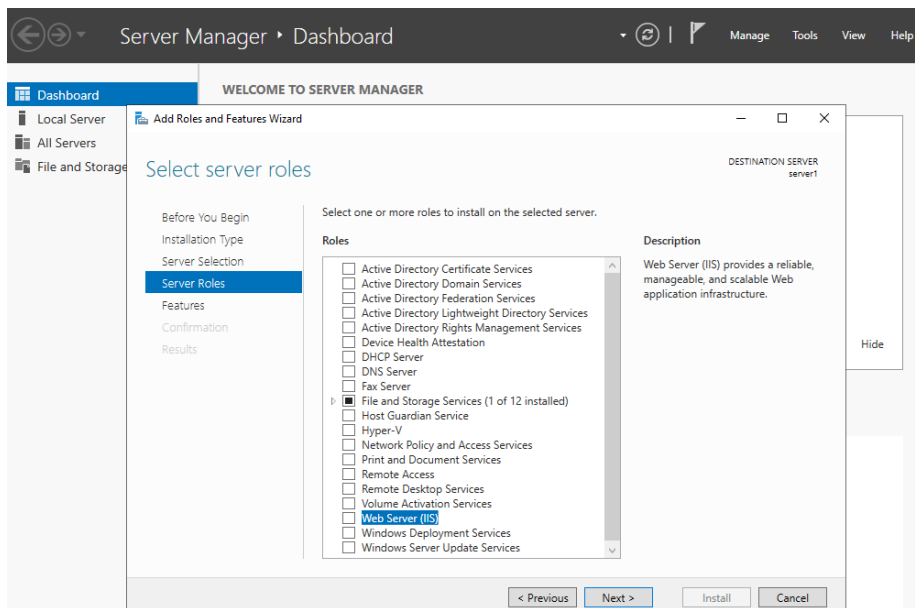
III. Tick "Role-based or feature-based installation"



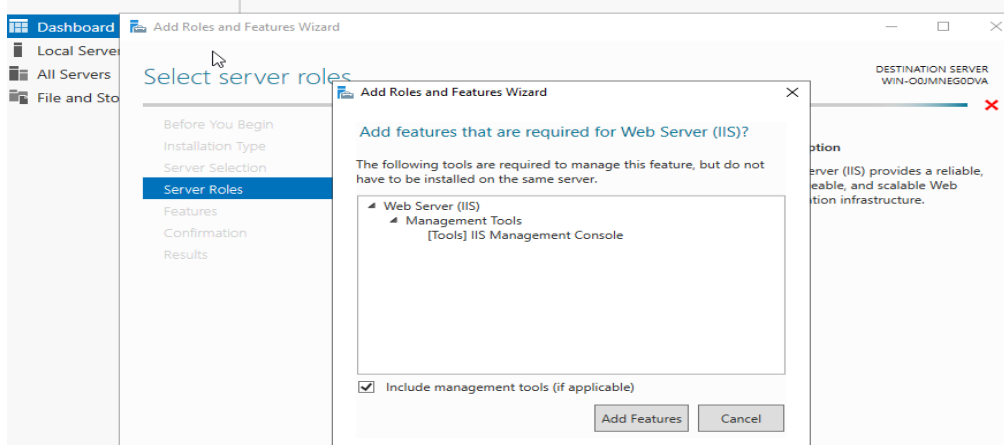
IV. Click on next button without changing any setting on this page

V. Tick on "Web Server (IIS)" features.

To host a website, we need to add a new role in the server that we call Web Server. This lets us host web applications over server.

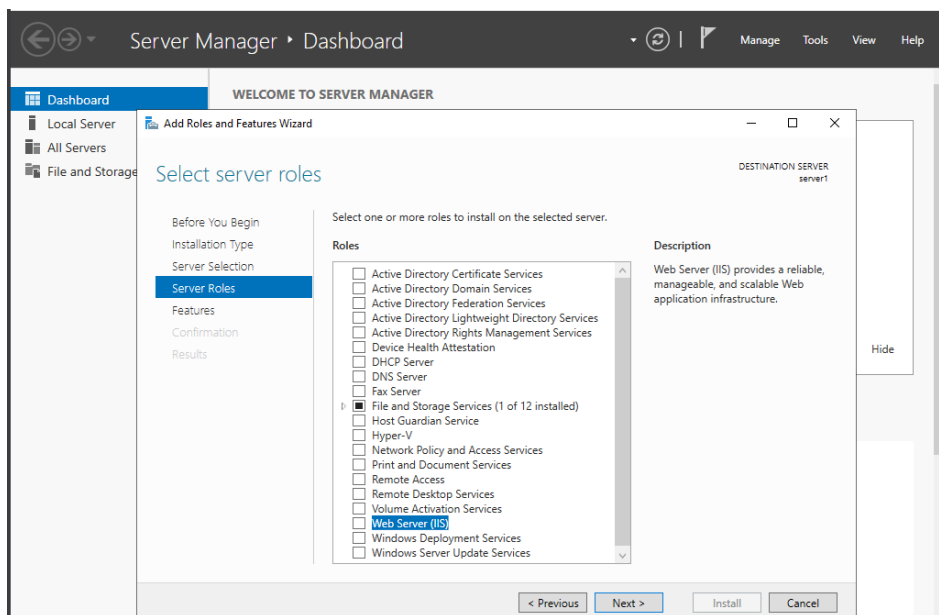


VI. Click on "Add Features" Button



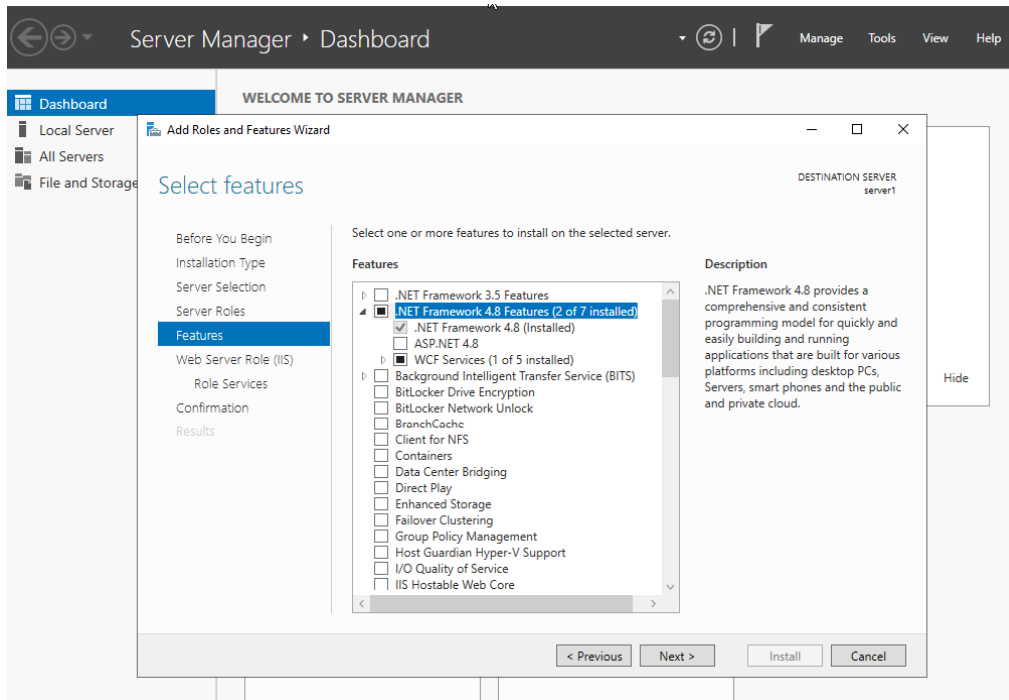
VII. Adding web server Role

Now Web server role has been added. Now click on next.

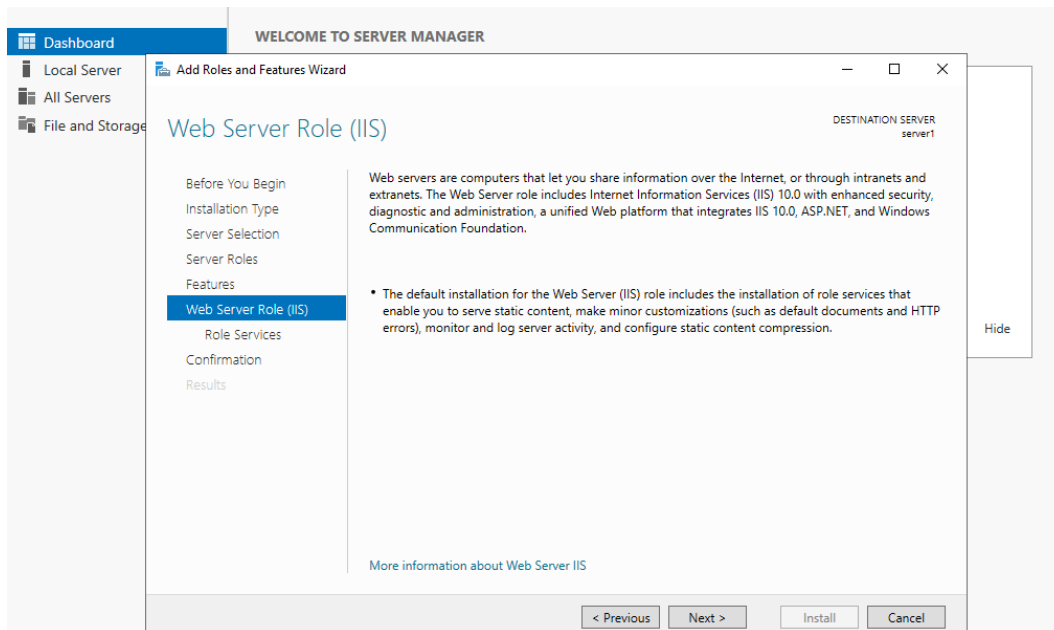


VIII. Clicking next leaving all default values

Again, click next leaving all default values.

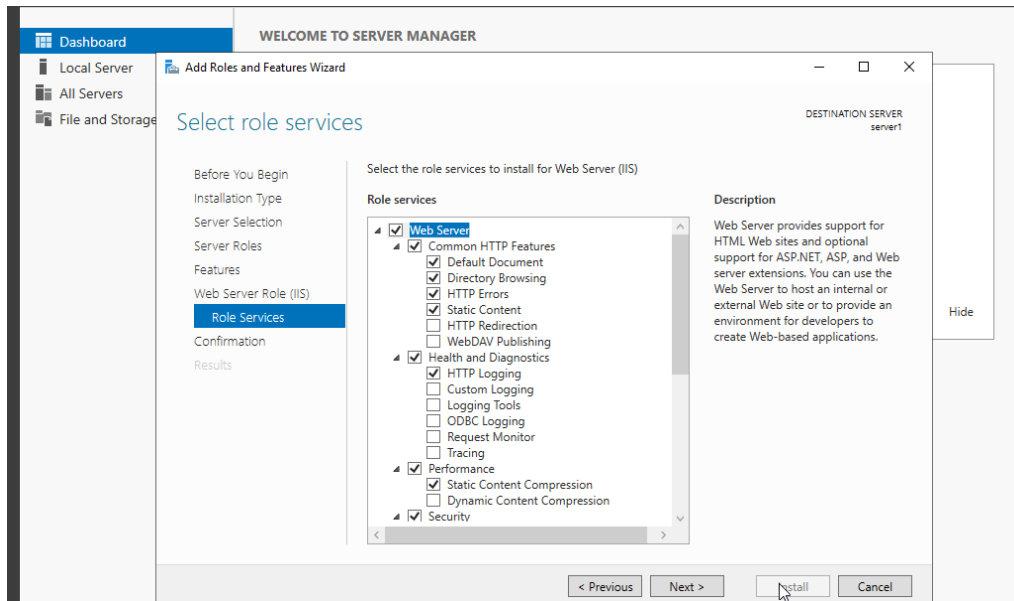


IX. Click on next button



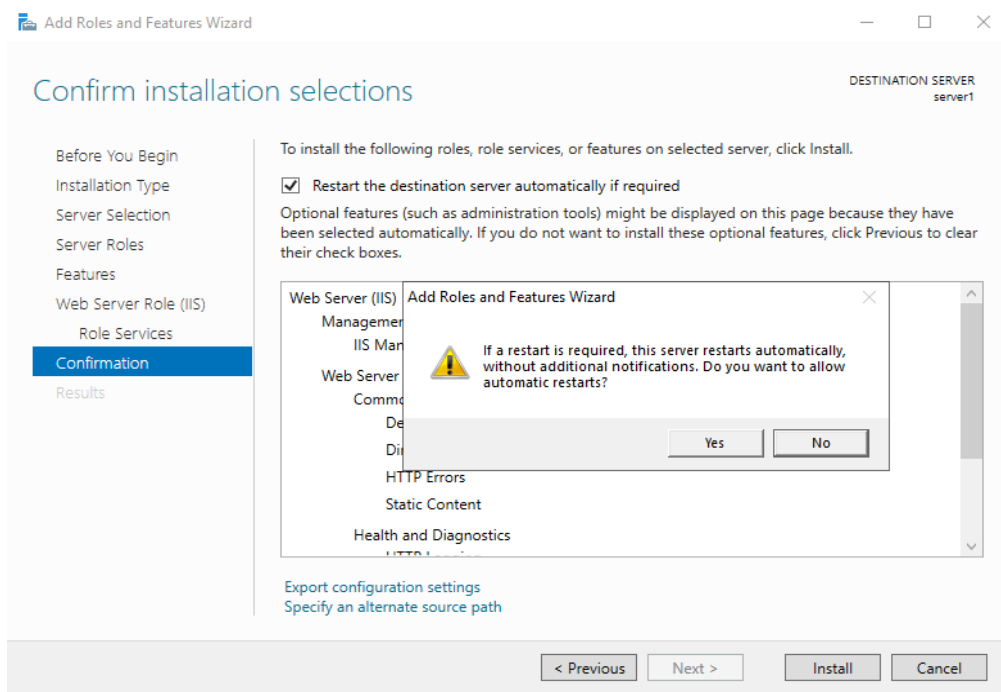
X. Clicking next button without changing the value

Click next button without changing all value.



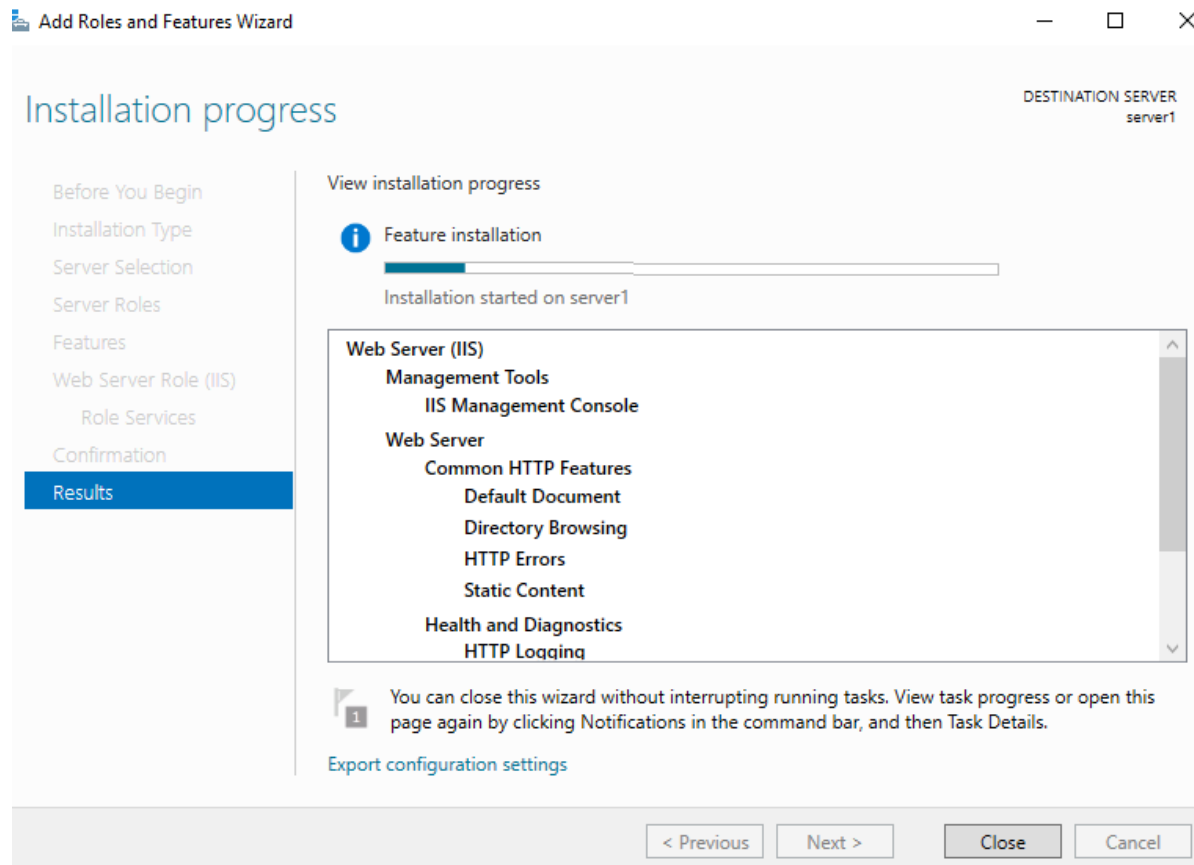
XI. Restarting the Destination server

Tick on "Restart the destination server automatically if required" and press Yes button.



XII. Installing Required features

Now it will take some time to get installed to the required features.

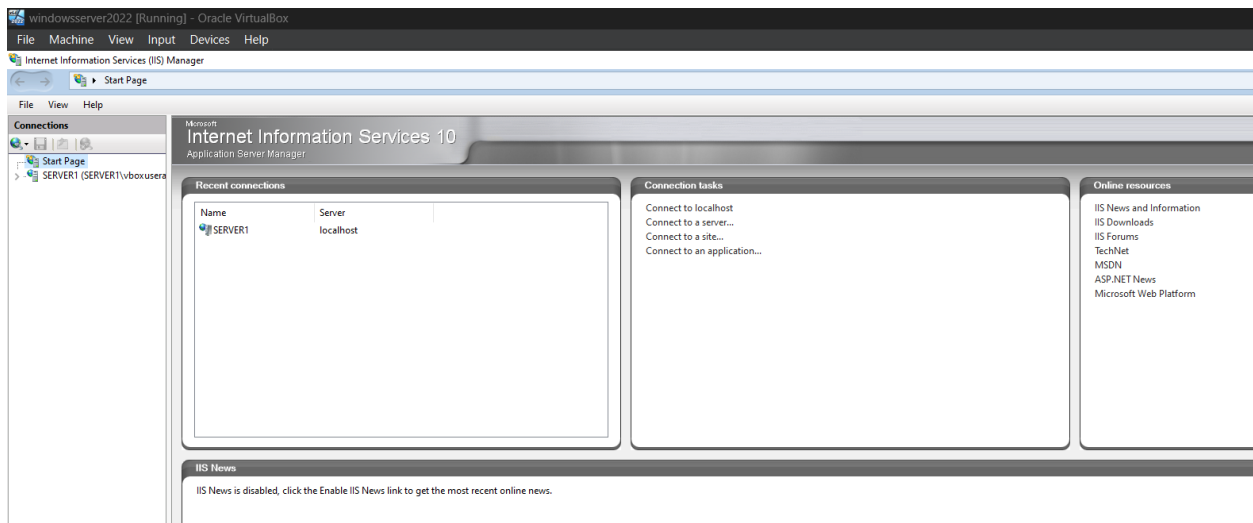


XIII. Finding "Internet information Service" (IIS)

We have successfully installed the Web server role in windows Server. Now click on Tools menu in server Manager Dashboard and find for "Internet Information Services (IIS)" and click on it.

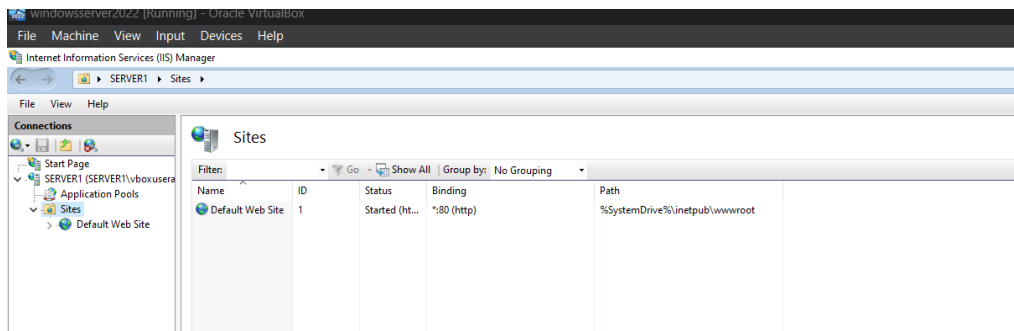
XIV. Viewing Server Name

The IIS manager will be now open. We can see our server's name on the left pane of the manager



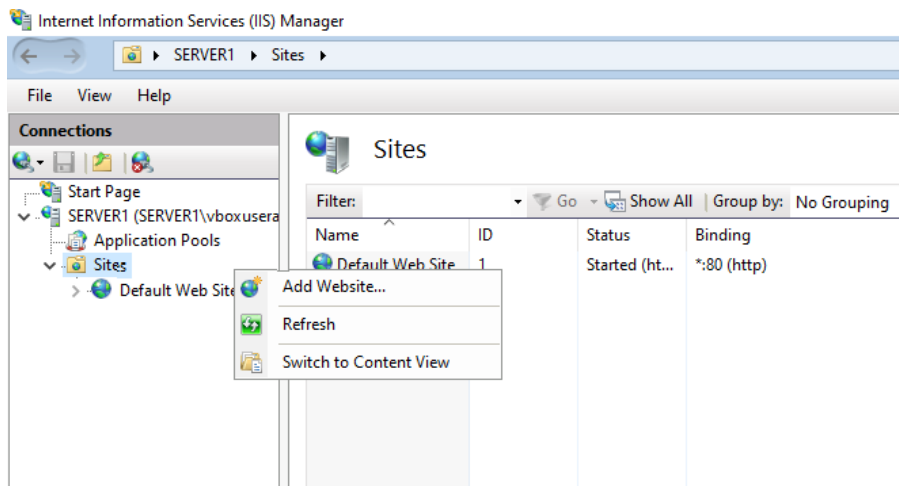
XV. Opening Site option

Click on the dropdown button. Now you may see " Sites" option. Again, click on drop down button near site menu



XVI. Adding new Website

As we can see there is only One web site which is default website. Now we are going to add a new website. Right click on "Sites" and click on "Add Website"



XVII. Naming the site

Now we need to enter site credentials.

Give name "mysite.local" on Site name,

On Physical path select the folder where our website file is located

On Host name we need to type ""mysite.local"

Add Website ? X

Site name: mysite.local Application pool: mysite.local Select...

Content Directory

Physical path: C:\ ...

Pass-through authentication

Connect as... Test Settings...

Binding

Type: http IP address: All Unassigned Port: 80

Host name: mysite.local

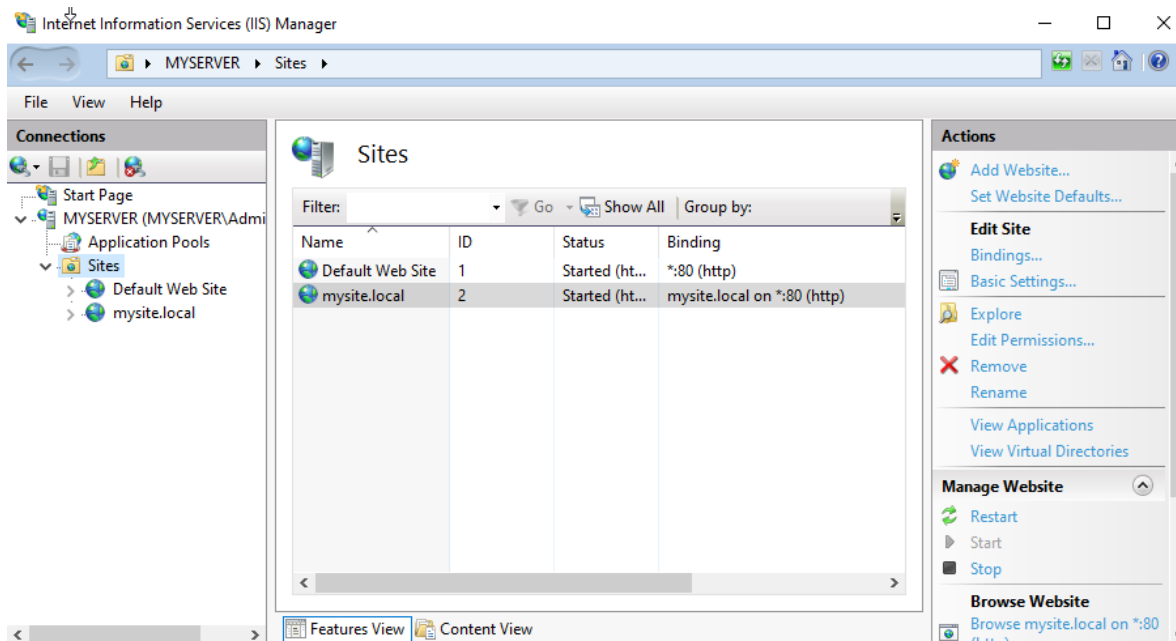
Example: www.contoso.com or marketing.contoso.com

☒ Start Website immediately

OK Cancel

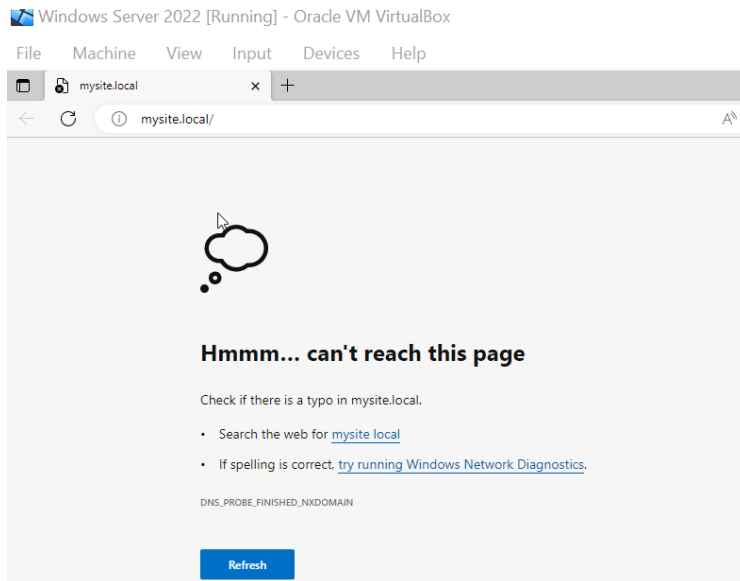
XVII. Site has been listed on windows server

Now we can see our site has been listed. We can browse our site by typing "mysite.local" on the address bar of web browser in windows server.



XVIII. Facing issue while registering site

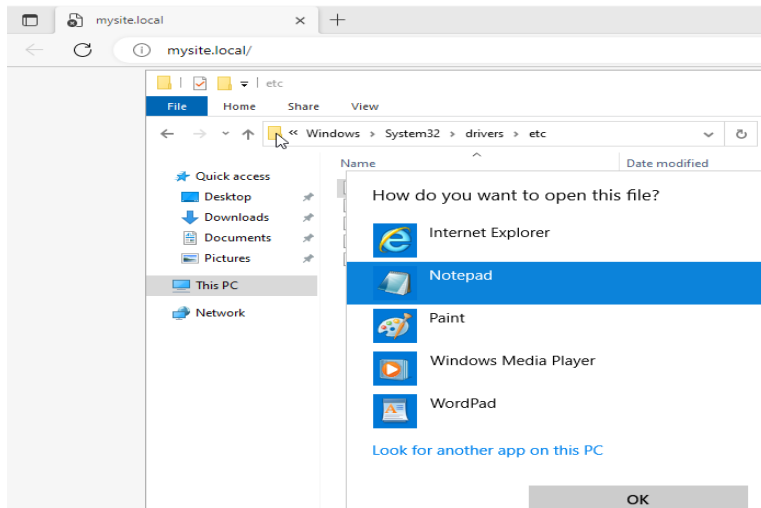
If you faced this issue, then we don't have to worry. It means we need to register our site in the host file too.



XIX. Registering the site in host file

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.

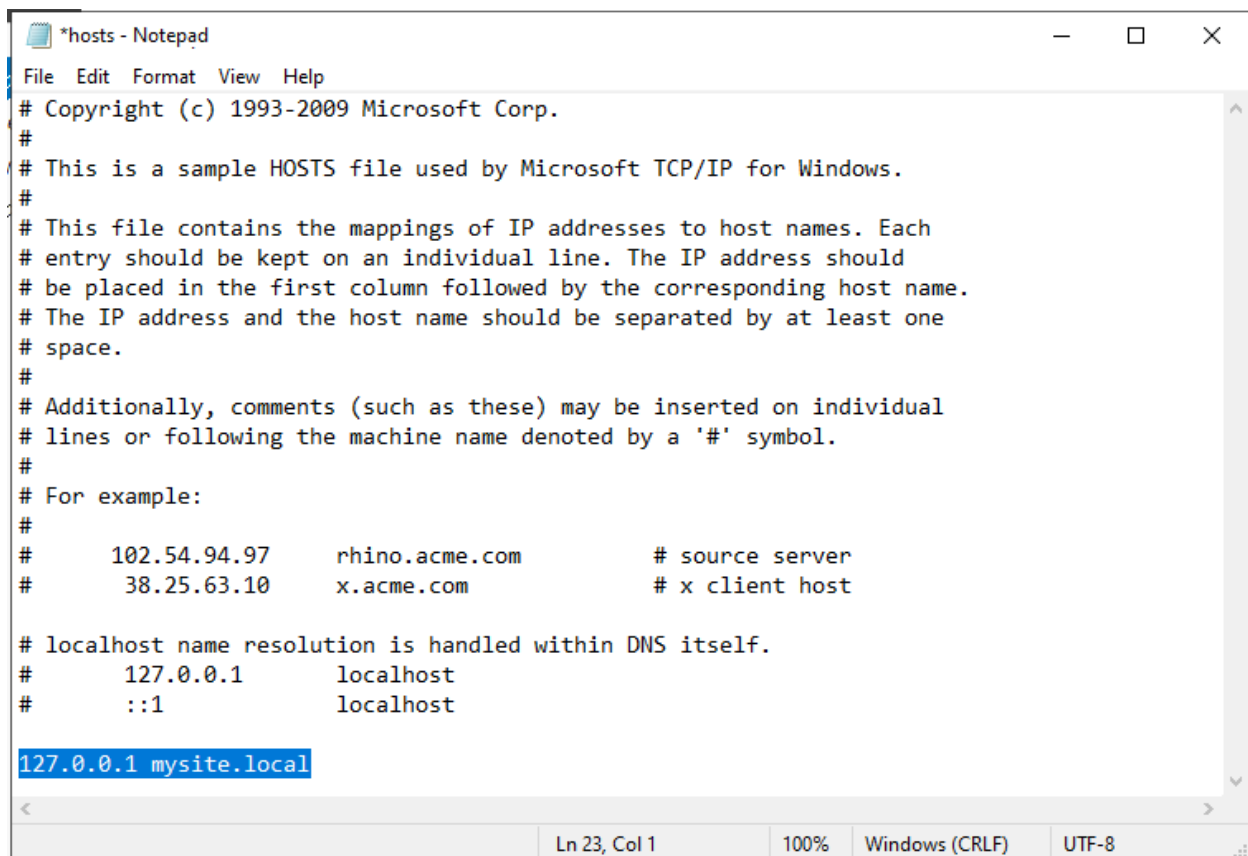
Now open the host file using notepad.



XX. Adding the line at the end of file

Add the following line at the end of the file:

127.0.0.1 mysite.local and save it.



```
*hosts - Notepad
File Edit Format View Help
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97       rhino.acme.com          # source server
#       38.25.63.10       x.acme.com              # x client host
#
# localhost name resolution is handled within DNS itself.
#       127.0.0.1        localhost
#       ::1              localhost
127.0.0.1 mysite.local
```

Ln 23, Col 1 100% Windows (CRLF) UTF-8

XXI. Now reload the webpage. Boom our website has been loaded.

