LONDON METROPOLITAN UNIVERSITY

Islington college
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Module Code & Module Title

Level 5 – Network Operating Systems

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Submitted To: Dipeshor Silwal

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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.

TABLE OF CONTENTS

TABLE OF FIGURES

OBJECTIVE

- To host our static website in guest OS (Windows Server 2022) and access It from the host OS as well as other computer devices on the same network.
- To enable remote desktop features in windows server 2022 and access it from the host OS.

Hosting the Static Website in Guest OS and Accessing it from Host OS as well as other devices from the same network.

1. STEPS

1.1. Step 1

On our system, Windows Server 2022 was initially run through the Hyper-V manager. The Windows Server Manager dashboard was displayed once the user entered the password. Then the run window was opened and then **“inetmgr”** was entered which opened the “**Internet Information Service Manager**” window from where hosting was setup.

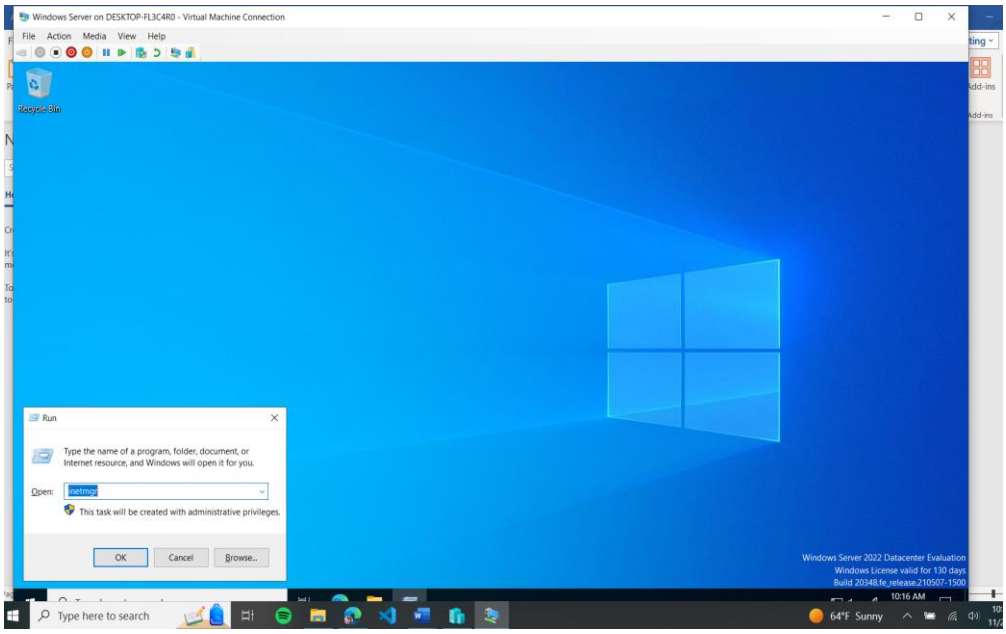

Figure 1: Opening Internet Information Service Manager

1.2. Step 2

Right after internet information services manager window was opened the server's name was expanded and "**Sites"** menu was clicked and then the "**Add Website"** option was selected.

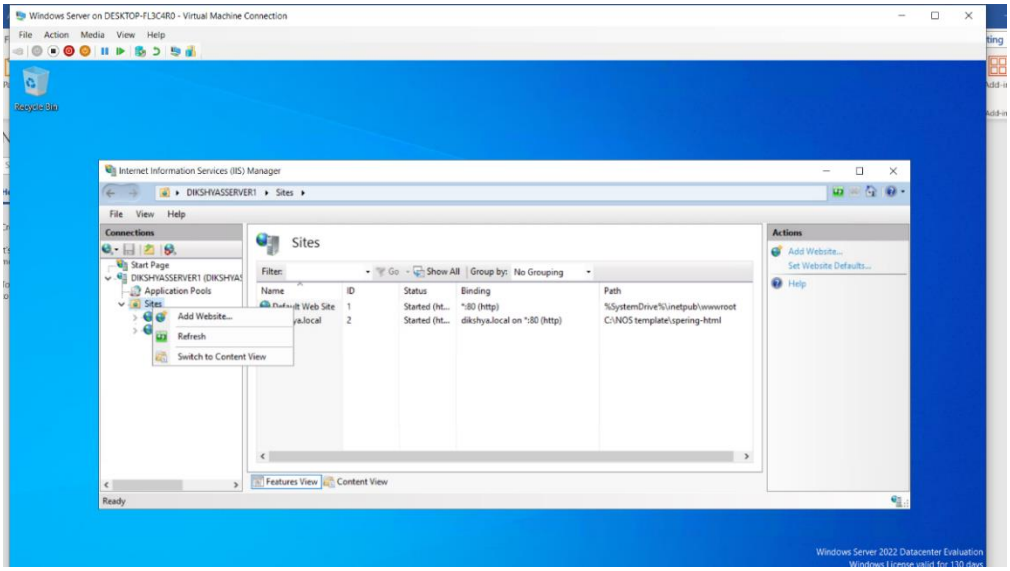

Figure 2: Adding Website

1.3. Step 3

Then the necessary credentials were provided on the Add website window.

- Site name was provided as “**dikshya.sharma**”,
- Physical path was given according to the path of the template,
- IP address was also provided from the dropdown menu,

(It must be noted that, whenever the network was changed network, like from home to college, IP address changes and need to change it to get access).

Other options on the menu were left as default and “**Ok**” button was clicked.

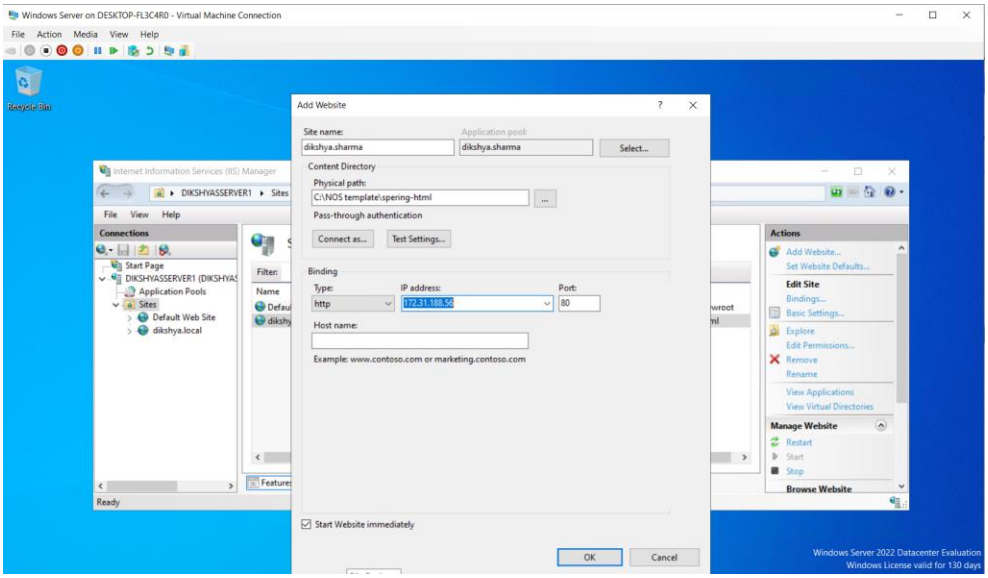

Figure 3: Providing necessary credentials for adding website.

1.4. Step 4

Then the newly added site name was seen on the list. Further, to browse the site, "**Browse**" option followed by IP address was clicked from the right side, which opened the website in the browser.

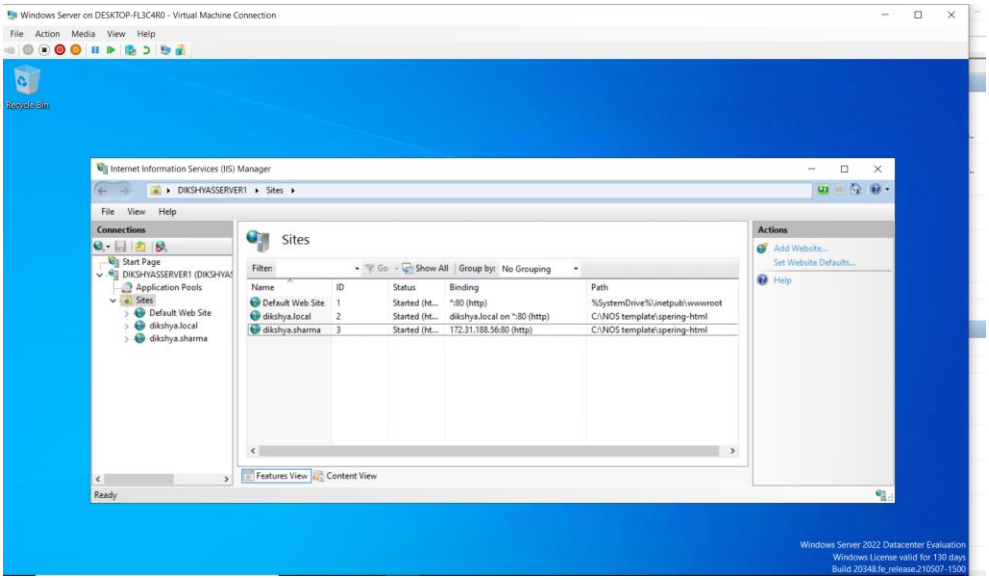

Figure 4: Newly Added Website

The website was then live.

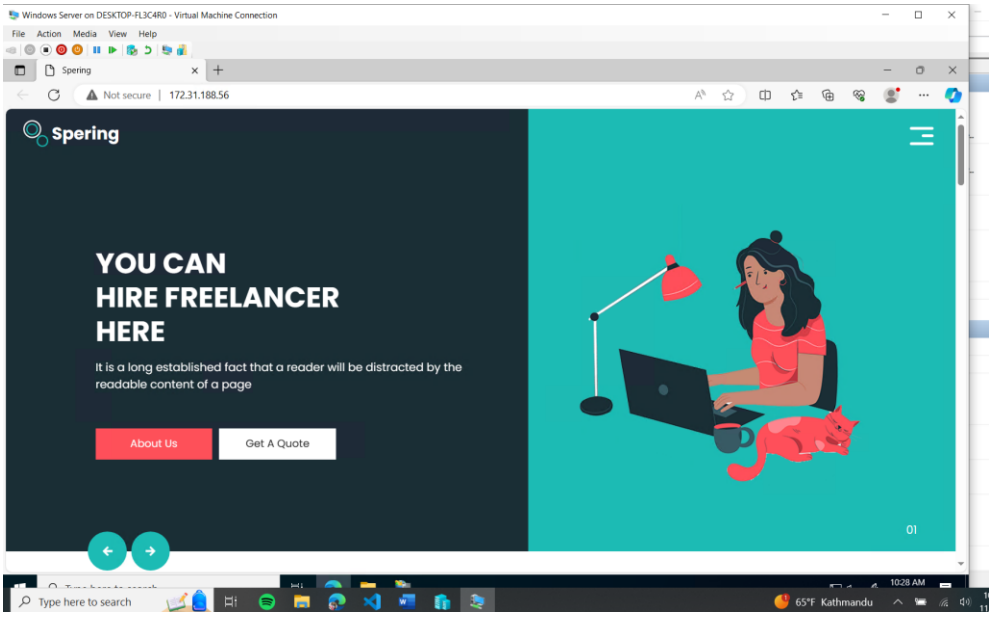

Figure 5: Browsed Website

1.5. Step 5

Following that, IP address of Guest OS was entered on the browser of host OS and the website was accessible from Host OS as well.

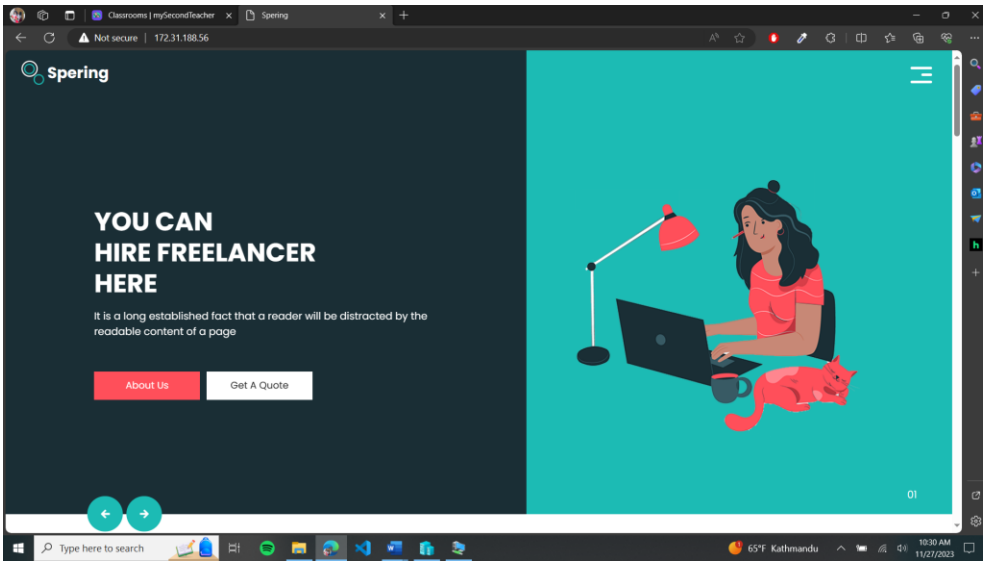

Figure 6: Browsed Website from Host OS

Connect windows server from Host OS using remote connection.

2. STEPS

2.1. Step 1

On the server of Guest OS, command prompt was entered. On the terminal ipconfig was also entered, which displayed Ethernet Adapter Ethernet, which included, IPv4 address Guest OS.

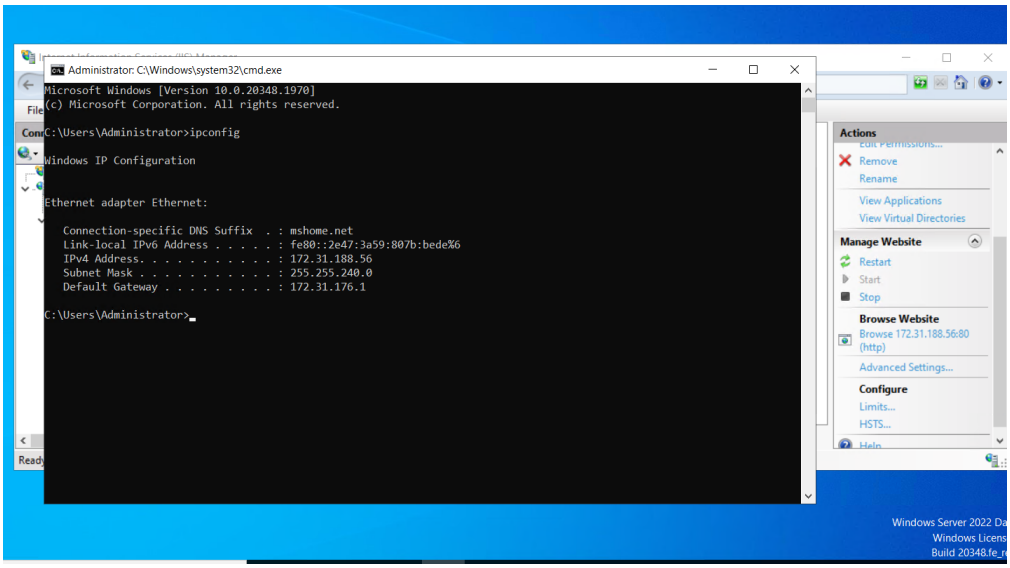

Figure 7: Command Prompt Window

2.2. Step 2

Remote Desktop Connection on the Host OS was opened followed by inserting IP address of Guest OS and clicking "**Connect**" button.

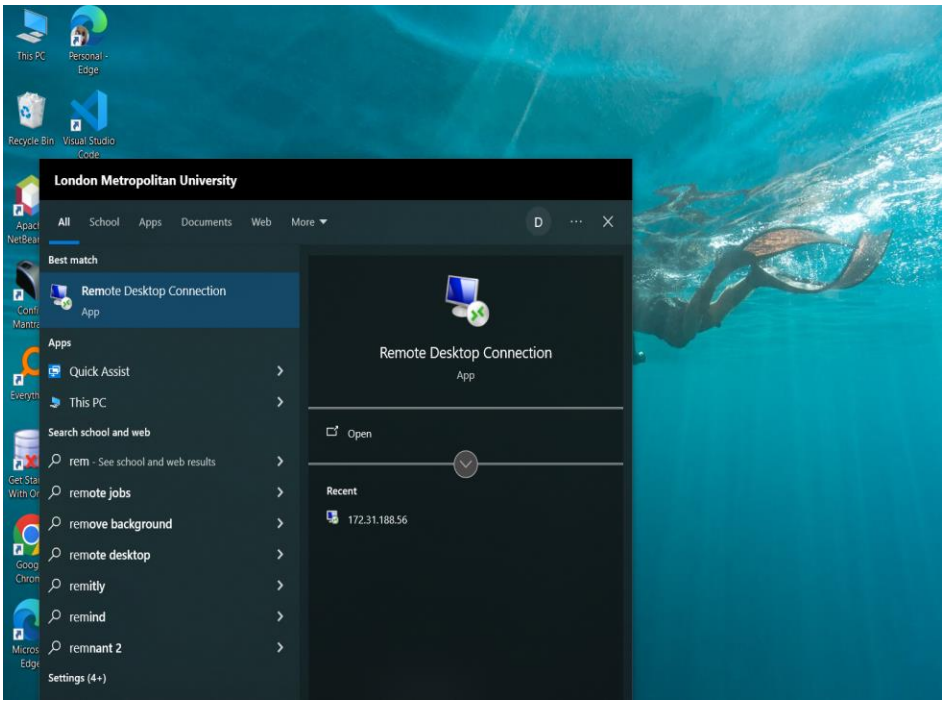

Figure 8: Opening Remote Desktop Connection Window

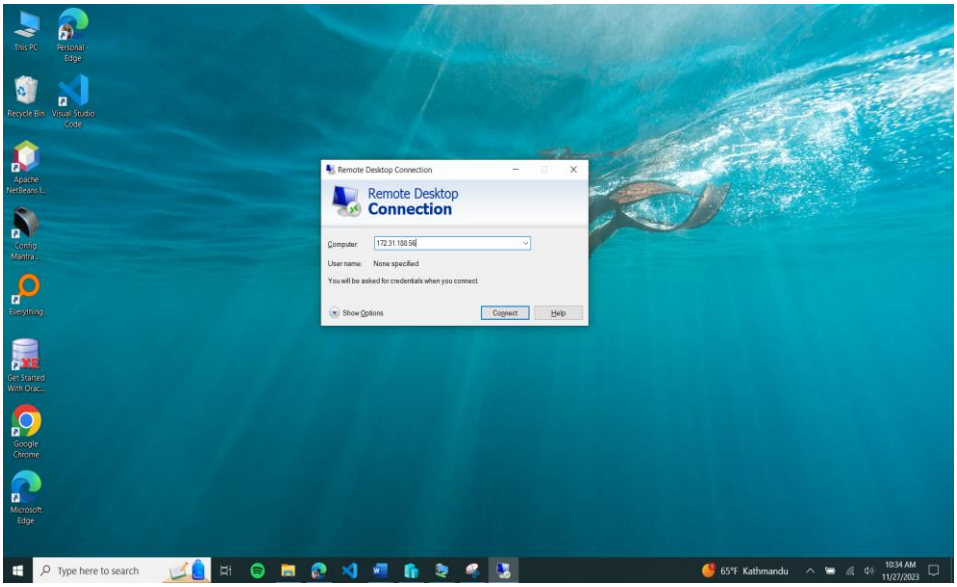

Figure 9: Providing IP to Remote Desktop

2.3. Step 3

Then the username and password were provided of the guest OS and confirming it.

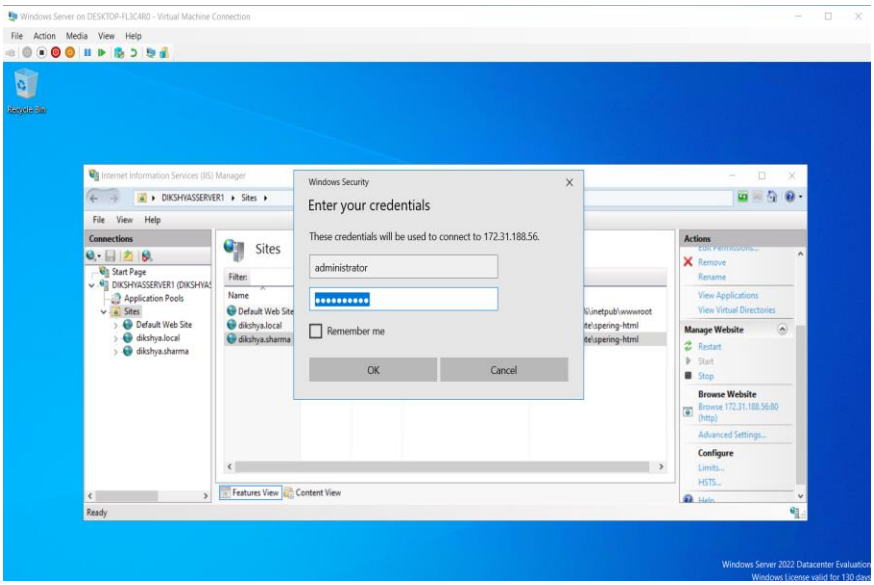

Figure 10: Providing username and password of Guest OS

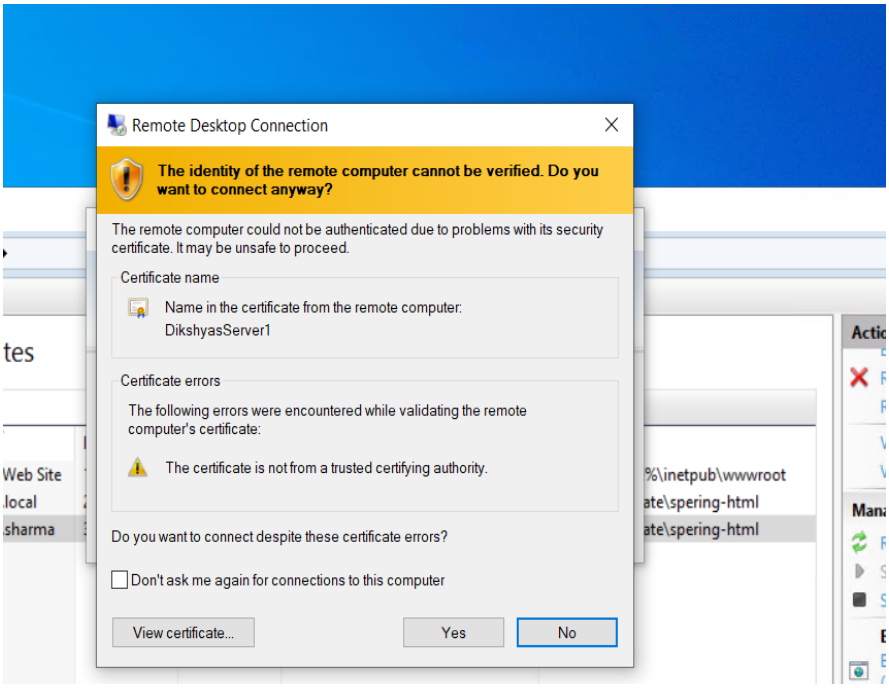

Figure 11: Confirming Remote Desktop Connection

2.4. Step 4

The Guest OS was then accessed through Host OS.

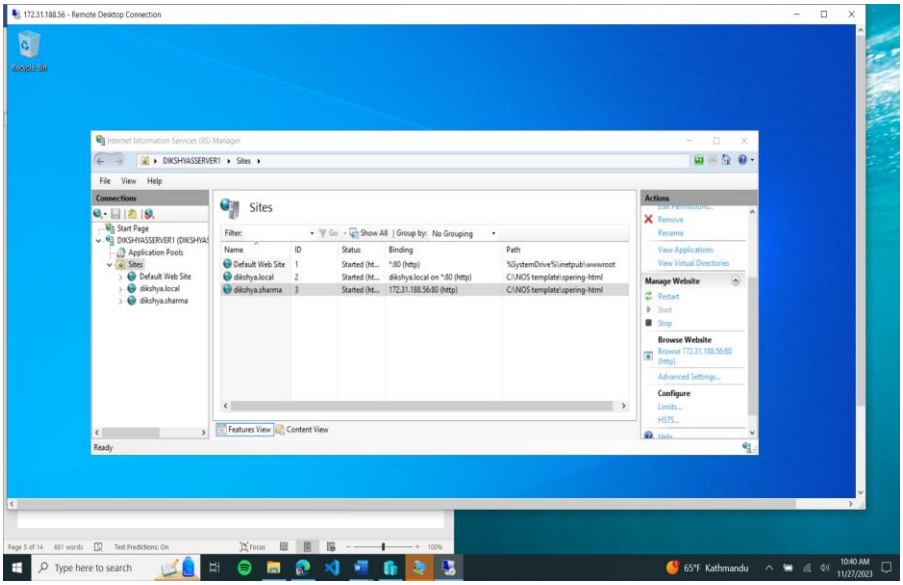

Figure 12: Successfully accessed Guest OS through Host OS.