

**MATRIX COLLEGE OF MANAGEMENT  
TECHNOLOGY & HEALTH  
Montreal, Quebec.**



**Final Year Project Report  
On  
“Install Virtual Network / Test Web Application”  
CODE: 420-ZT2-GX**

**Submitted by**

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[Semester (Summer 2019)]**

**Submitted to**

**Christobell Cuya  
Hansy Ross Salvant**

**Department of Computer Science Technology**

# **“Install Virtual Network / Test Web Application”**

**CODE: 420-TZ1-GX**

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**Bhumiben Mahendrakumar Patel [1952476]**

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**[Semester (Summer 2019)]**

## **Under the Guidance of**

**Christobell Cuya**

**Hansy Ross Salvant**

**A final year project submitted in partial fulfillment of the requirement for the  
Diploma in Computer Science Technology**

**Matrix College of Management, Technology & Health**

**Montreal, Quebec.**

## **DECLARATION**

I affirm that the project work titled "**Install Virtual Network / Test Web Application**" Being submitted in partial fulfillment for the award of Diploma in Computer Science Technology is the original work carried out by me. It consists of no part of any other project work submitted for award of any other degree or diploma, either in this or any other college.

I certify that the declaration made above by the candidate is true.

## **ACKNOWLEDGEMENT**

We have taken much efforts in this project, it would not have been possible without the kind support and help by the Matrix Collage organizations and I would have to extend my sincere thanks to all of them.

We highly appreciate Christobell Cuya and Hansy Ross Salvant for the valuable guidance and have continuous supervision as well as for providing all important information regarding the project and also their valuable support for completing the project.

We would like to express our gratitude towards members of Matrix Collage organization which were Vadym Koval, Tanvi Soman, Mykien Trinh and our parents for their kind cooperation and encouragement which helps to completion of our project in this Pandemic Situation.

Our special thanks and appreciations to my colleagues who helped us in developing the project and people who have willingly helped us out of their abilities.

## **ABSTRACT**

The Project involves to Set up a Network environment that includes a Router (SVR-SO-A 192.168.21.1), Web Server (SVR-WS-A 192.168.21.2) and Client Machine (192.168.21.3). The Main objective of this project is to host the website on the webserver to connect it to database, where the data will be added from website. Therefore the website is to be tested with various test cases in order to accomplish.

## **TABLE OF CONTENTS**

<b>TOPICS</b>	<b>PAGE</b>
<b>Chapter 1 : Project Overview</b>	<b>8</b>
1.1 Introduction	8
1.2 Networking Structure	9
1.2.1 Router	9
1.2.2 Web Server	9
1.2.3 Client Machine	9
1.3 Network Diagram	10
<b>Chapter 2 : Installation</b>	<b>11</b>
2.1 Installation of Virtual Box	11
2.2 Installation of Router (SVR-SO-A)	15
2.3 Installation of Web Server (SVR-WS-A)	25
2.4 Installation of Client Machine	33
<b>Chapter 3 : System Configurations</b>	<b>42</b>
3.1 IP Configuration	42
3.1.1 IP Configuration of Router (SVR-SO-A)	42
3.1.2 IP Configuration of Web-Server (SVR-WS-A)	46
3.1.3 IP Configuration of Client Machine 8.1	49
3.2 Network Setup and Configurations	51
3.2.1 Network Setup and Configurations of Router (SVR-SO-A)	51
3.2.1.1 Add Roles and Features	51
3.2.1.2 Add Inbound Rules	55
3.2.1.3 Add Outbound Rules	61
3.2.1.4 Add Routing and Remote Access	65

3.2.2 Network Setup and Configurations of Web-Server (SVR-WS-A)	70
3.2.2.1 Add Roles and Features	70
3.2.2.2 Add Inbound Rules	70
3.2.2.3 Add Outbound Rules	70
3.2.2.4 Add Routing and Remote Access	70
<b>Chapter 4 : Networking Utility</b>	<b>71</b>
4.1 Ping Operations in Router	71
4.2 Ping Operations in Web-Server	73
4.3 Ping Operations in Client Machine	75
<b>Chapter 5 : Web Platform Installation</b>	<b>77</b>
5.1 Install Web Platform	77
5.2 Add Roles and Features	83
5.3 Download phpMyAdmin in Web-Server	87
5.4 Accessing web Application	93
<b>Chapter 6: Test cases</b>	<b>95</b>
6.1 Positive Test Cases	95
6.2 Negative Test Cases	103
<b>Chapter 7: Reference</b>	<b>129</b>

## **Chapter 1: Project Overview**

### **1.1 Introduction**

The project is about creating the virtual environment using virtual box and to create network among the machines which we have installed in virtual box. With this we have tested the web application.

The main aim of creating this project is to get overall idea about the Virtual Environment and how it's working. And it help us to understand the configuration between different machines which we have already installed in Virtual box. Moreover we have established networking among those machines. In addition, we have learnt how to connect database and deploy web application in this virtual environment.

In this Virtual environment, we have installed total three machines and every machine has its own role. The first machine is SVR-SO-A 192.168.21.1, which is acts as a router. The second machine is SVR-WS-A 192.168.21.2, which is working as a Web Server. And the third machine is Client 192.168.21.3. Every machine act as differently. Router act as network provider. Web server is providing service to client to access web application. From client machine, we can access the perform testing.

## **1.2 Networking Structure**

This networking structure describes how the virtual environment has been created. For that we have installed virtual box and then we have installed three machines. These all machines are working as following.

### **1.2.1 SVR-SO-A (Router)**

A router is used to receive and move incoming packets to its own network or another network. It may also be used to convert the packets to another network interface, drop them, and perform other actions relating to a network.

### **1.2.2 SVR-WS-A (Web Server)**

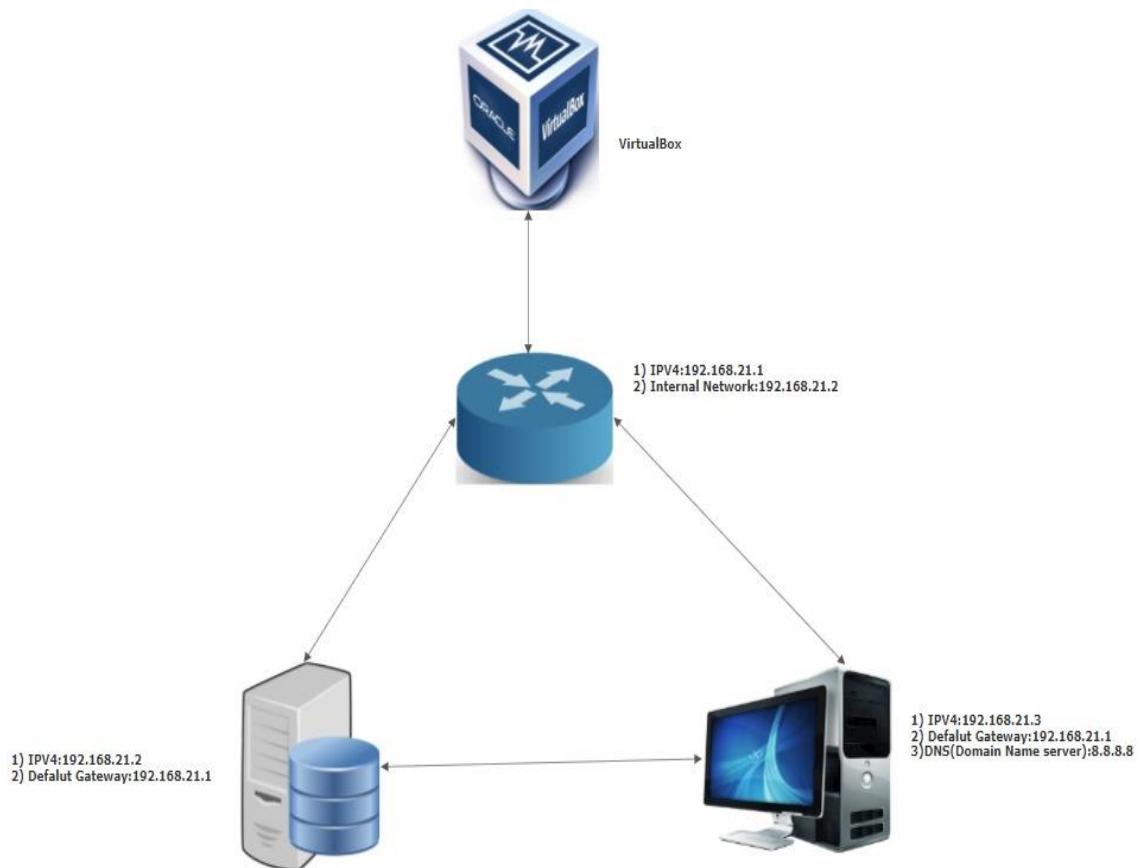
A Web server is a physical or Logical dedicated to run services to serve the needs of other computers or virtual Machines. Depending on the service that is running, it could be a file server, database server, home media server, print server, or web server.

A Web server is a program that uses HTTP (Hypertext Transfer Protocol) to serve the files that form Web pages to users, in response to their requests, which are forwarded by their computers' HTTP clients.

### **1.2.3 Client**

A client is a computer hardware device or software that accesses a service made available by a server. The server is often (but not always) located on a separate physical computer. Clients can access resources such as files, songs, video collections, or some other service from a central computer called a server.

### 1.3 Network Diagram



## Chapter 2: System Creation

### 2.1 Installation of Virtual Box

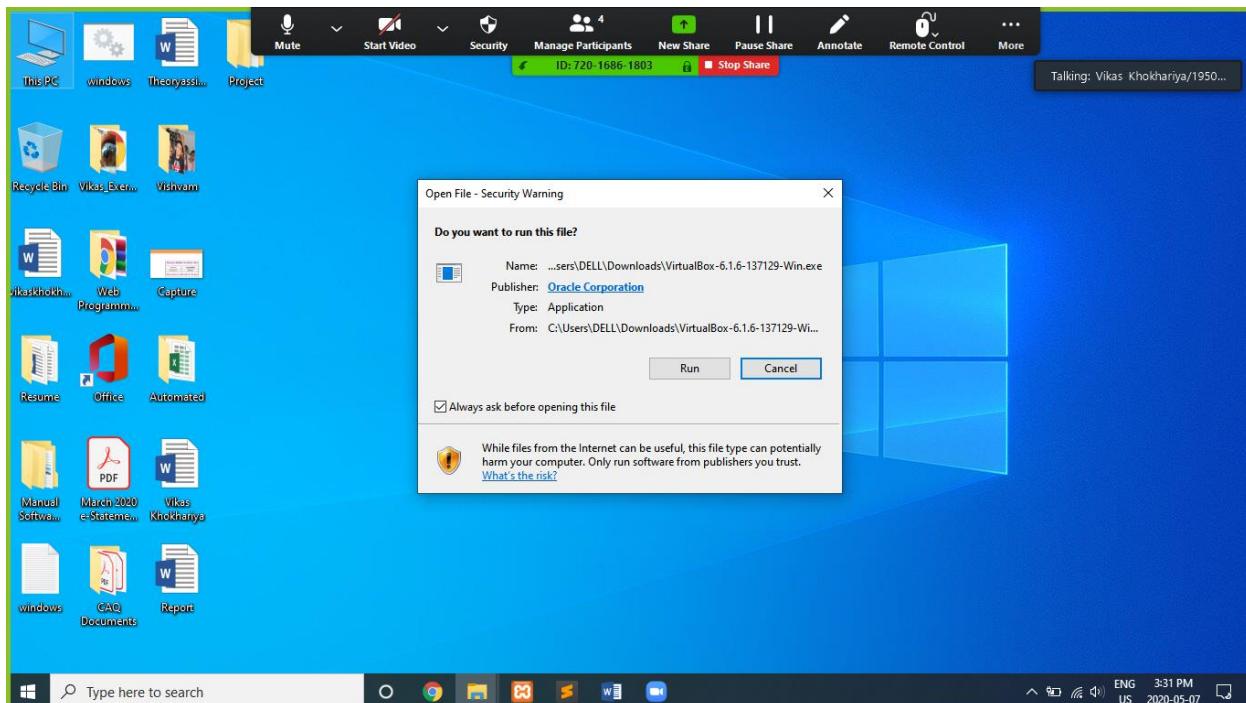
A virtual machine (VM) is an operating system (OS) or application environment that is installed on software, which imitates dedicated hardware. The end user has the same experience on a virtual machine as they would have on dedicated hardware.

#### Steps To Install Virtual Box:

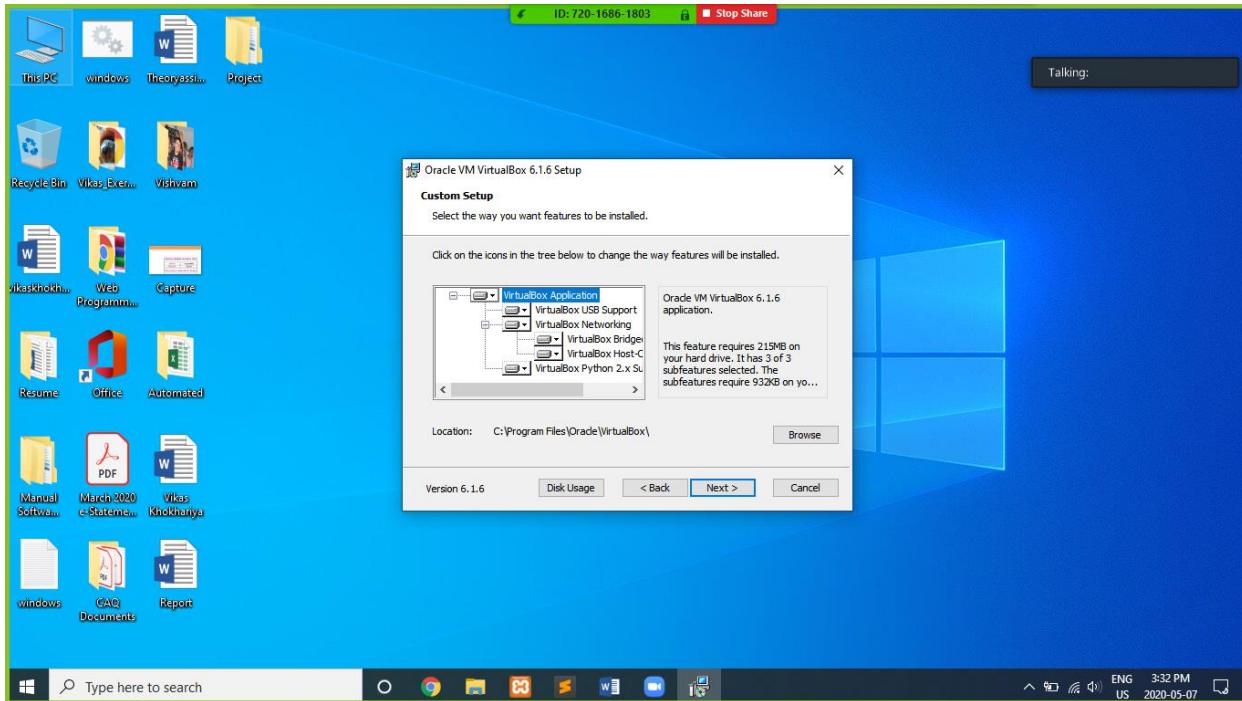
Step 1: Download Virtual Box from its official Website:

<https://www.virtualbox.org/wiki/Downloads>

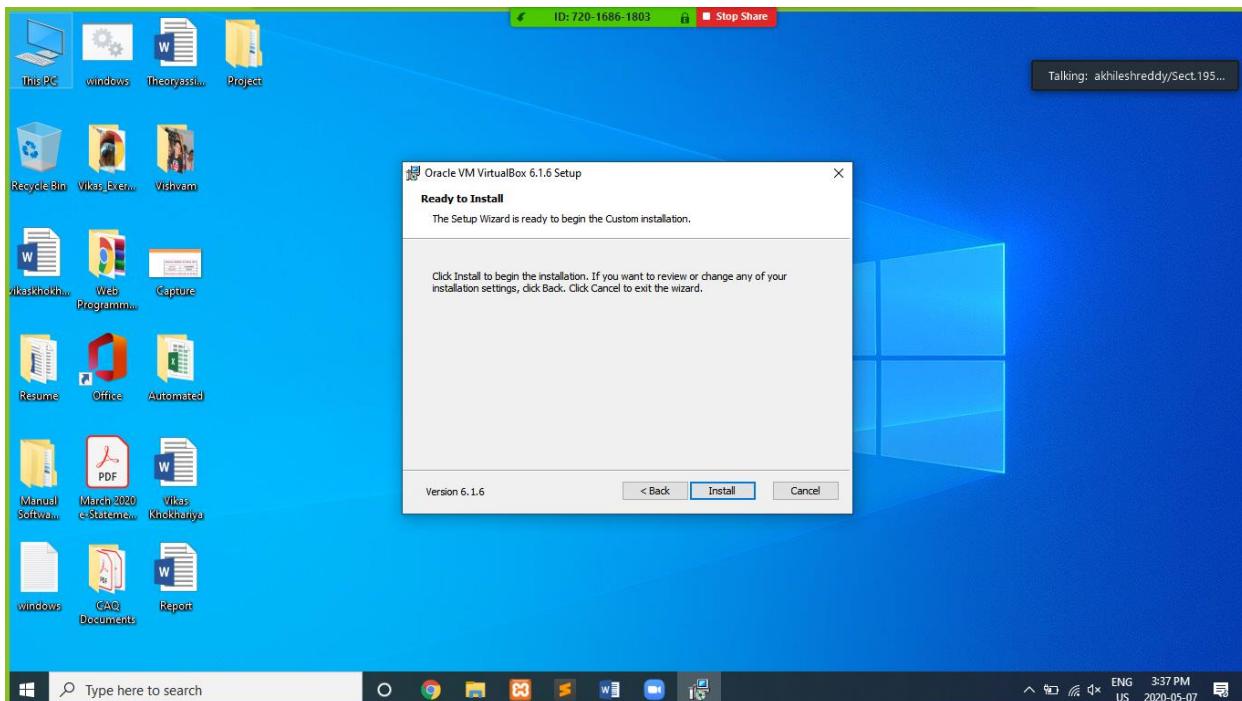
Step 2: Install the Virtual Box



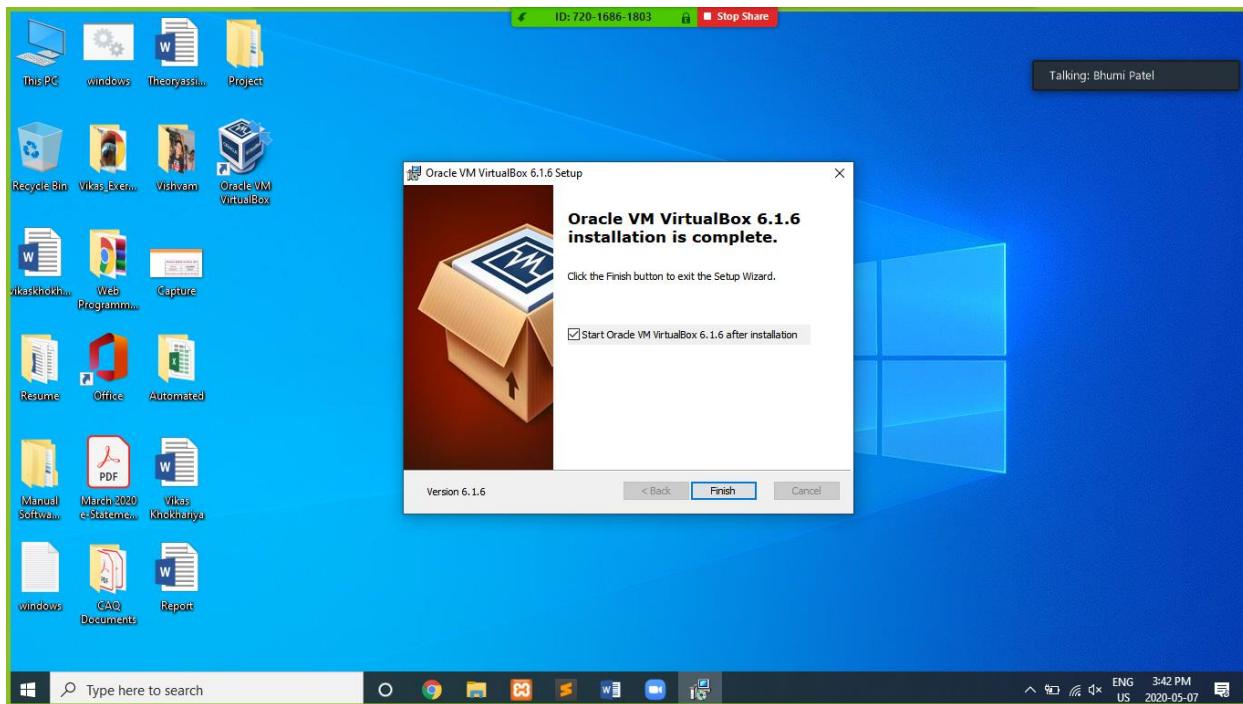
### Step 3: Installation Process



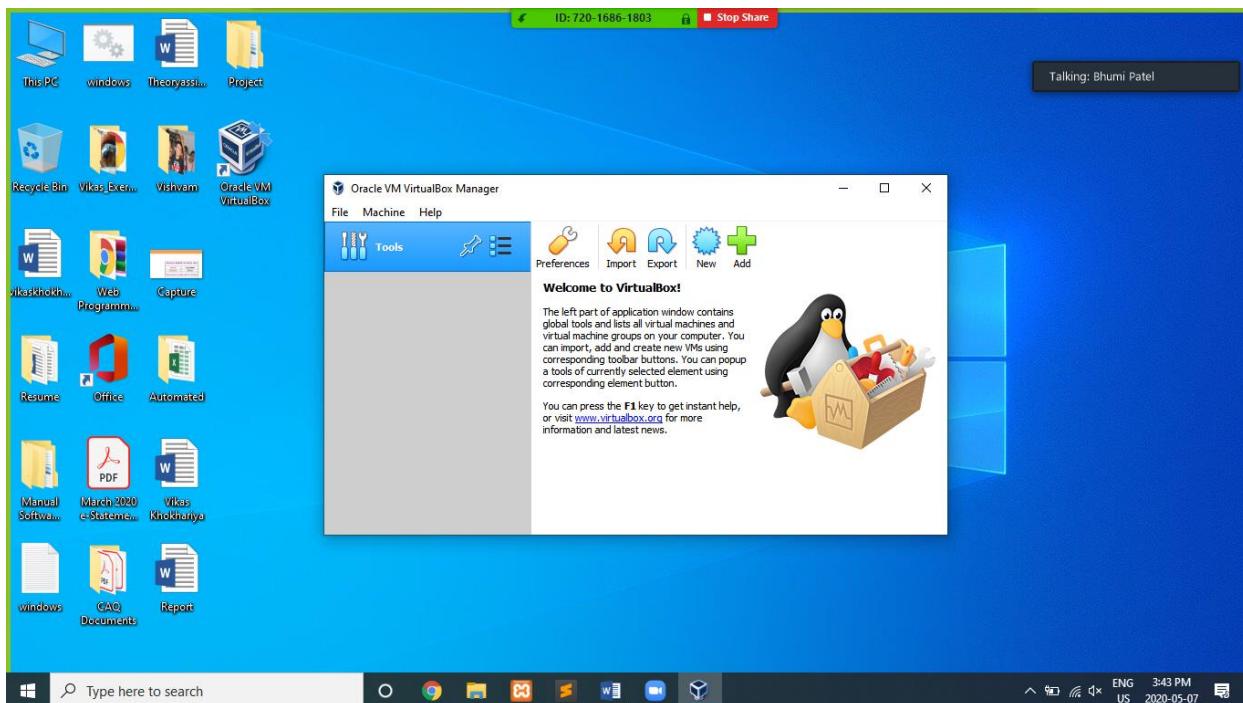
### Step 4: Continue to install



## Step 5: Installation Completed



Step 6: Virtual Box Installation is done.



## **2.2 Steps to Create Router (SVR-SO-A)**

Router is working as main part of our Virtual system which provides connection to all other systems. Here, the name of our router is SVR-SO-A. Which is forwarding the data to other system by using IP Address to the router. The IP address of Router will become default gateway of other system.

For Configuration of router, we need to configure two adapters.

### **1) NAT(Network Address Translation)**

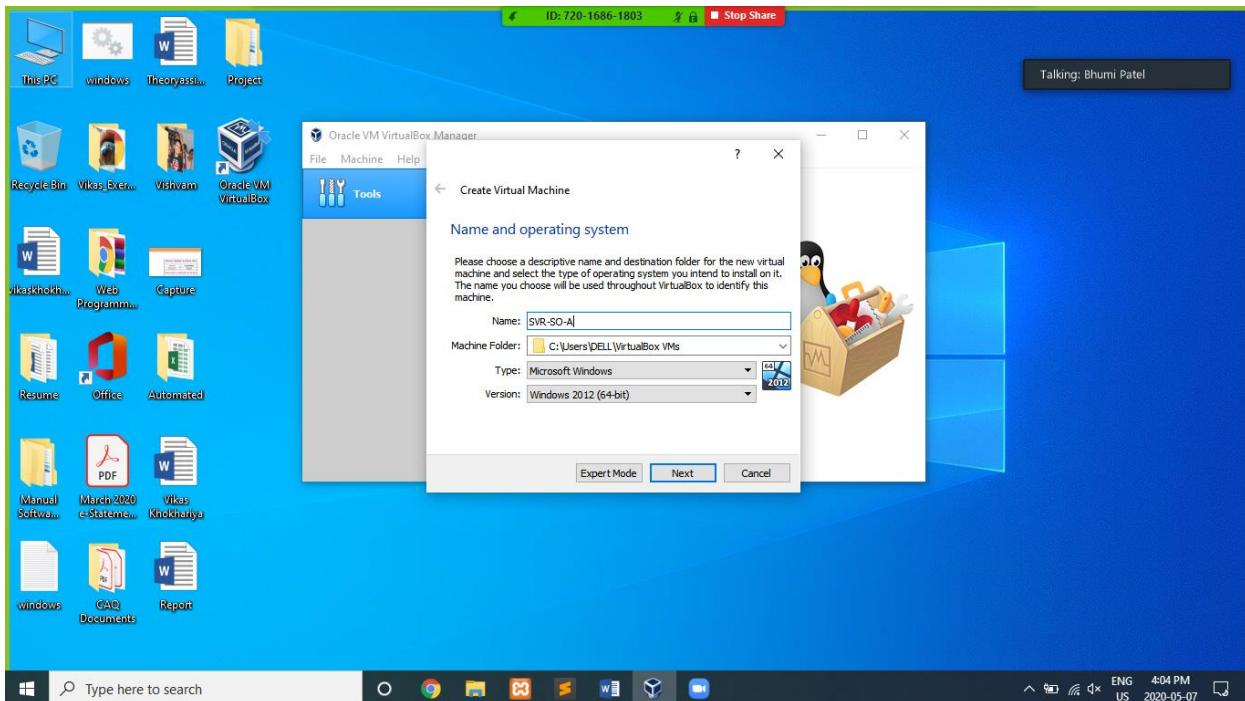
NAT allows the router to provide the private connection to the other computers through IP address.

### **2) Internal Network**

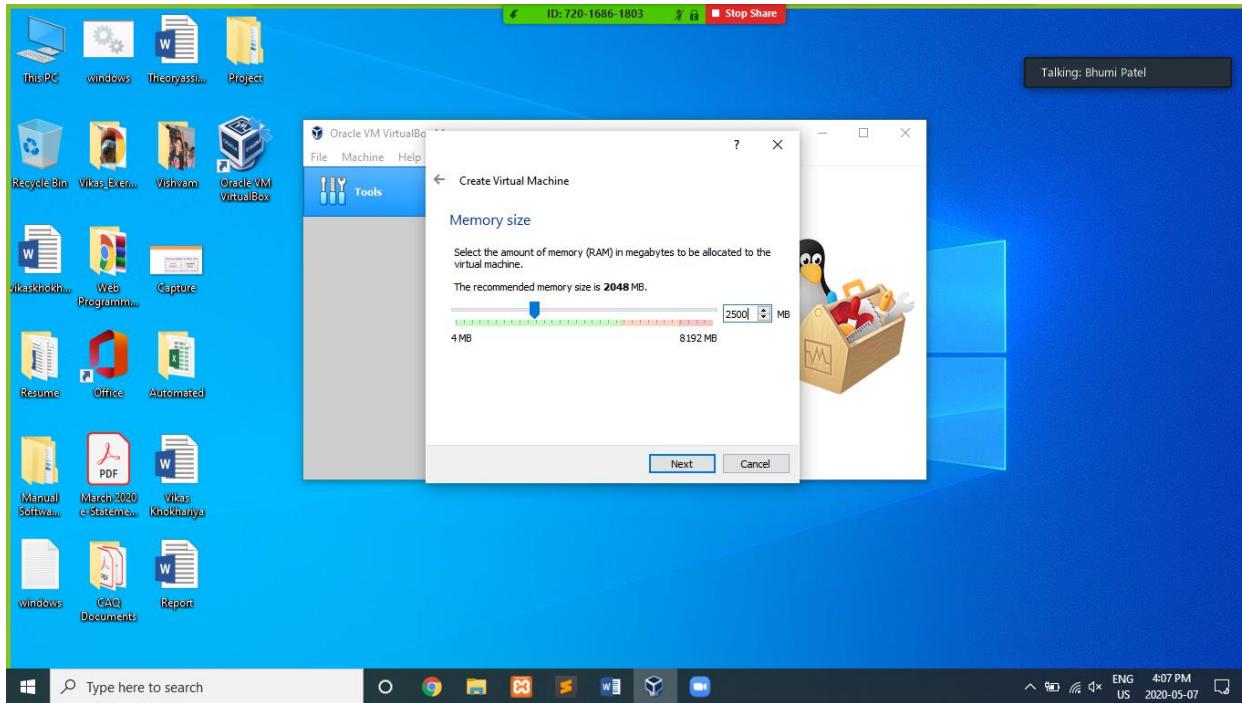
Sometimes we need VMs to be internally connected to each other and completely isolated from the outside/external network. For that we need to create a internal network on virtual box and then connect the VMs on it.

## Steps To Install SVR-SO-A

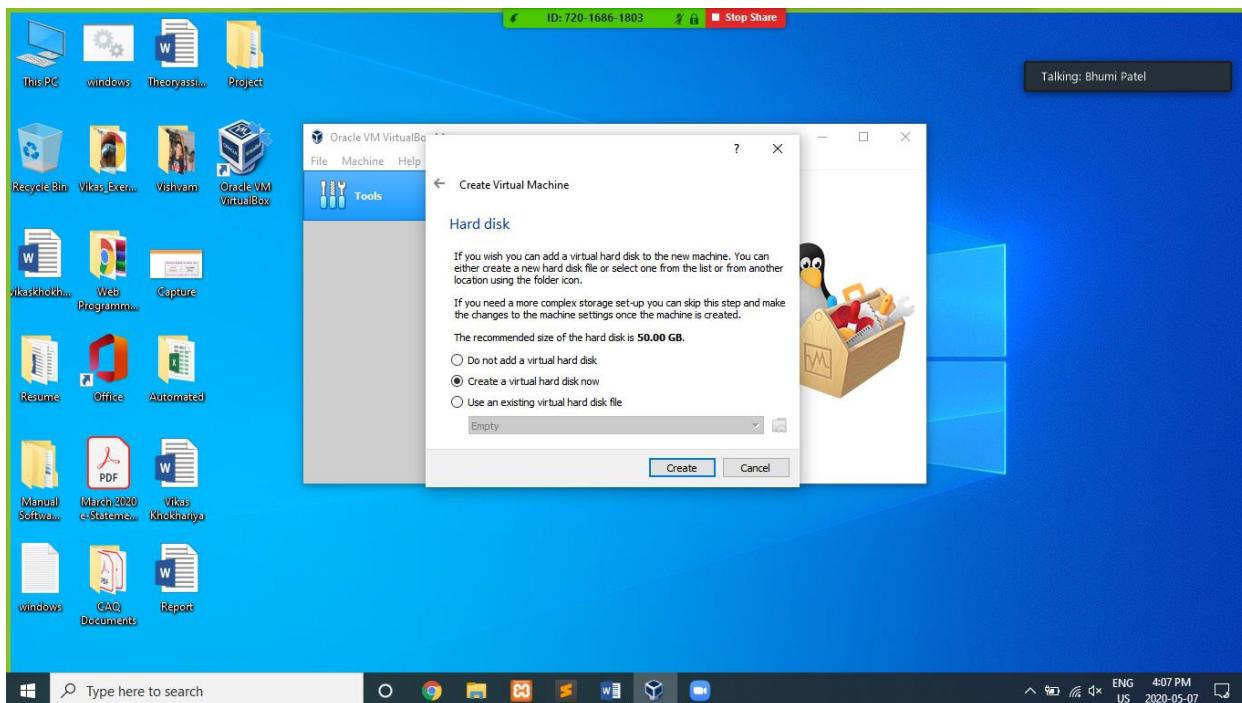
Step 1: Provide name of System according to the requirements.



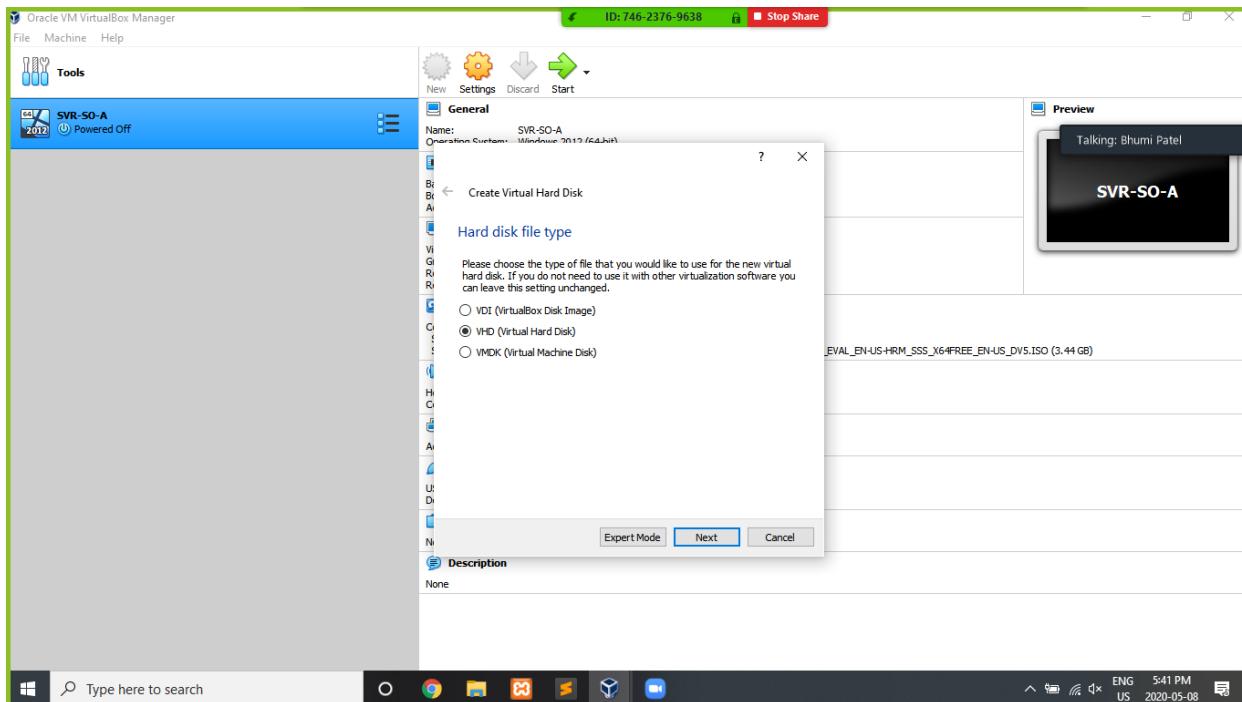
## Step 2: Choose memory capacity as system needed.



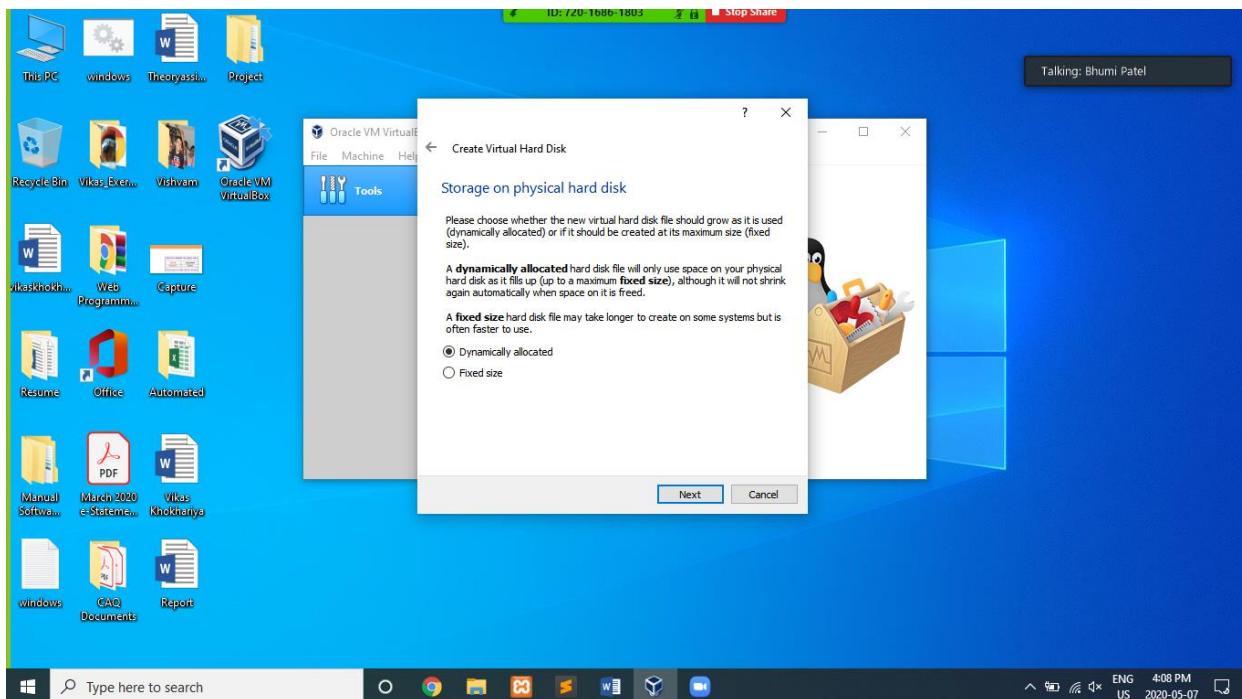
## Step 3: Create a virtual hard disk.



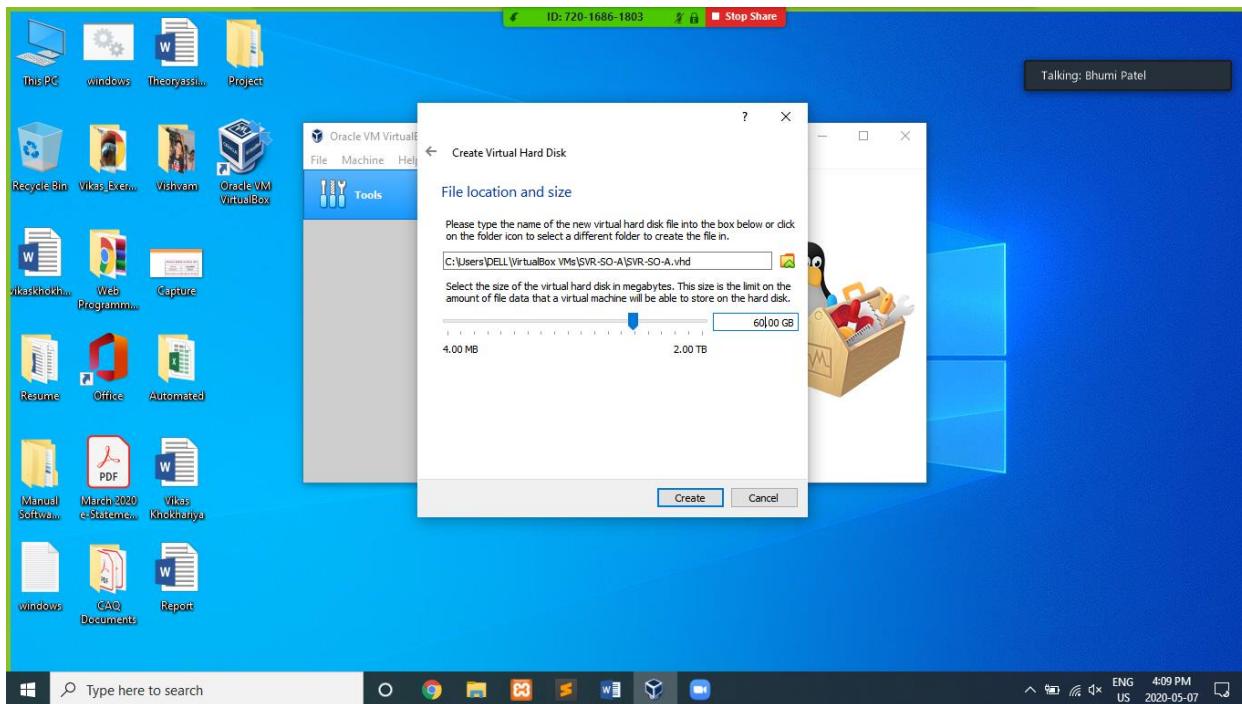
#### Step 4: Choose File Type VHD (Virtual Hard Disk)



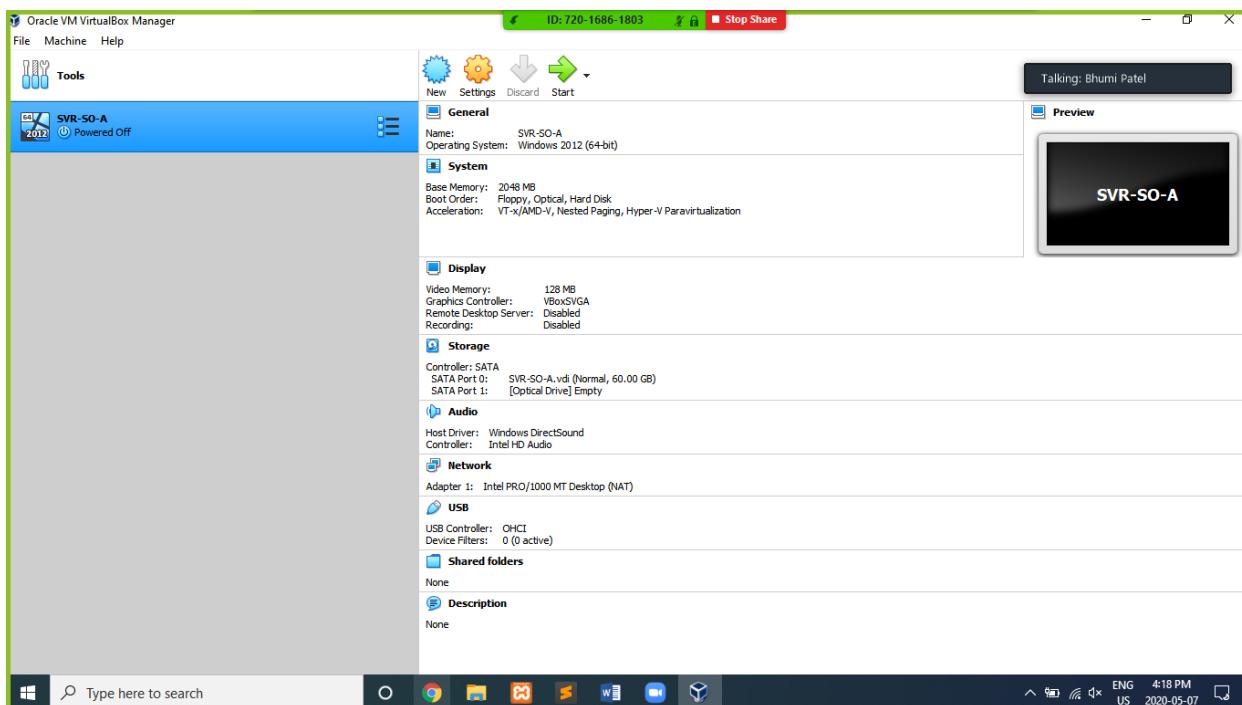
#### Step 5: Create a virtual hard disk and should be allocated dynamically.



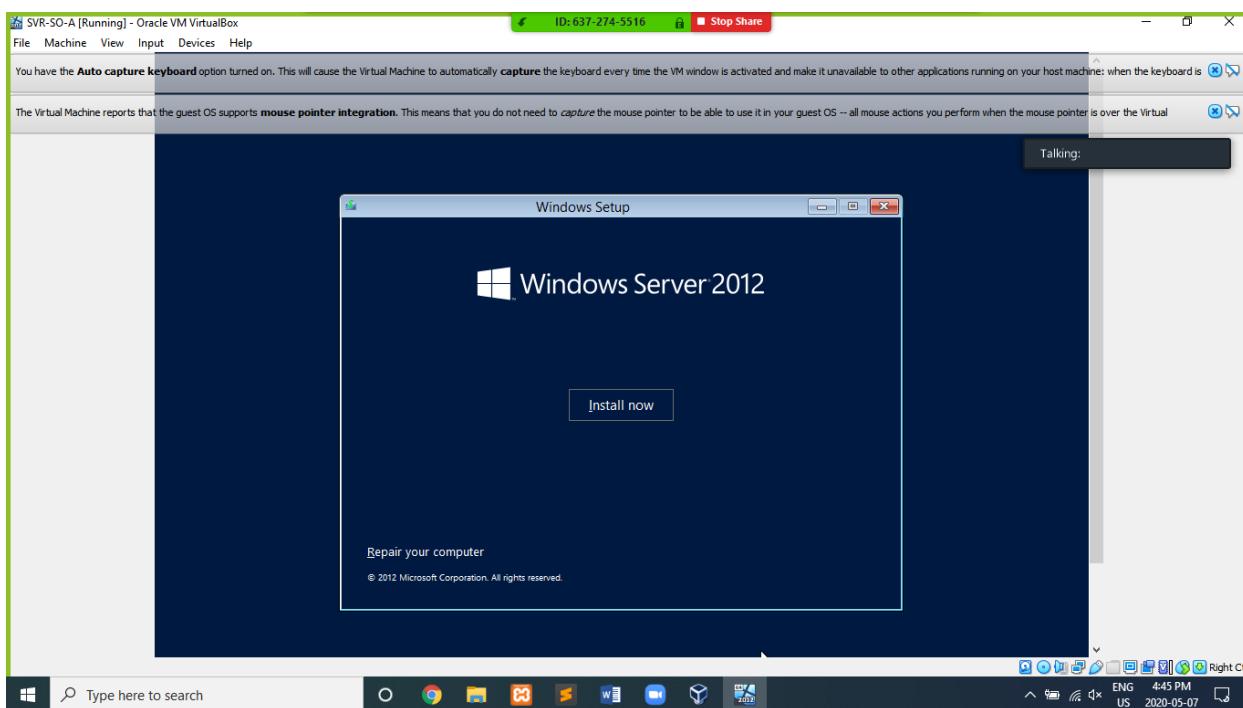
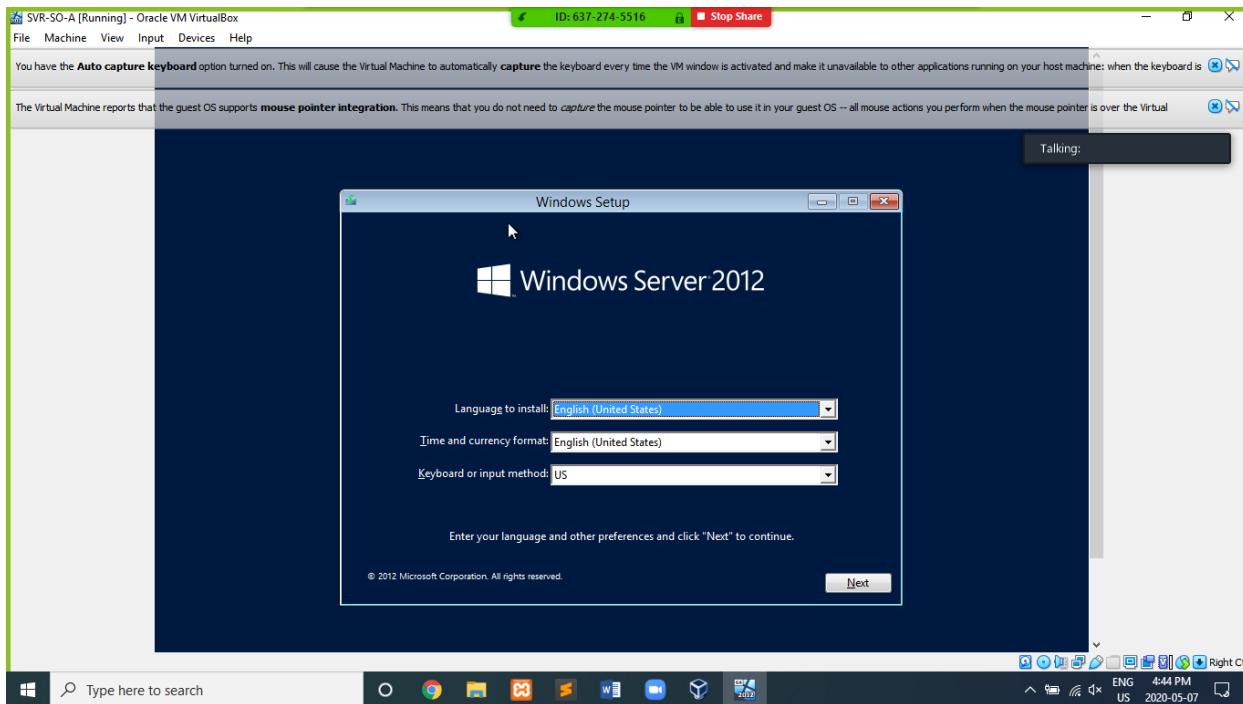
## Step 6: Choose disk location and size of Disk.



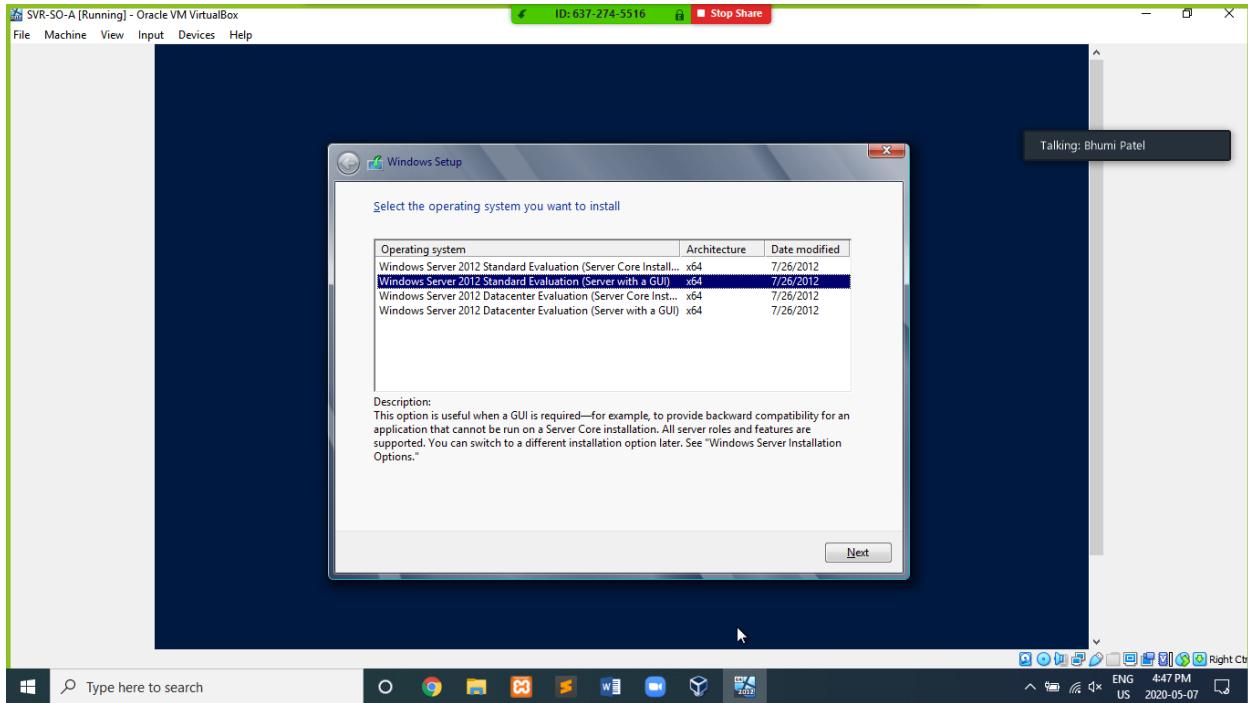
## Step 7: Created Router (SVR-SO-A)



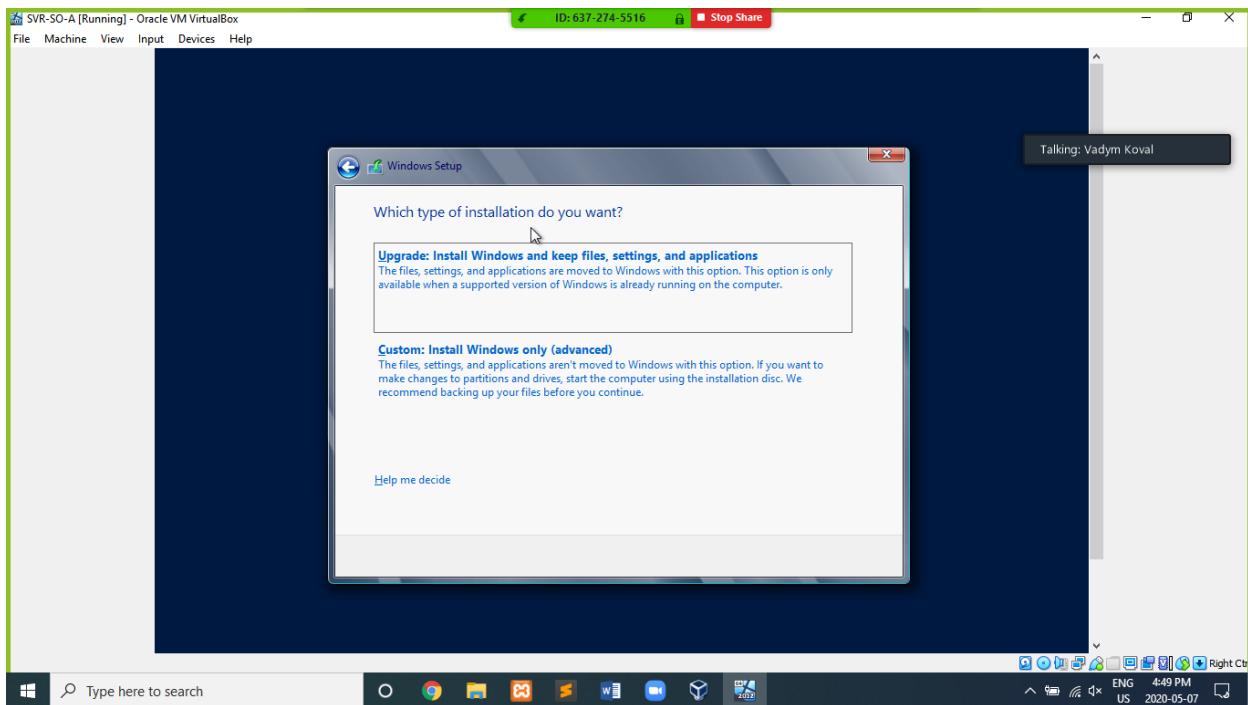
## Step 8: Install the windows server 2012 on Router.



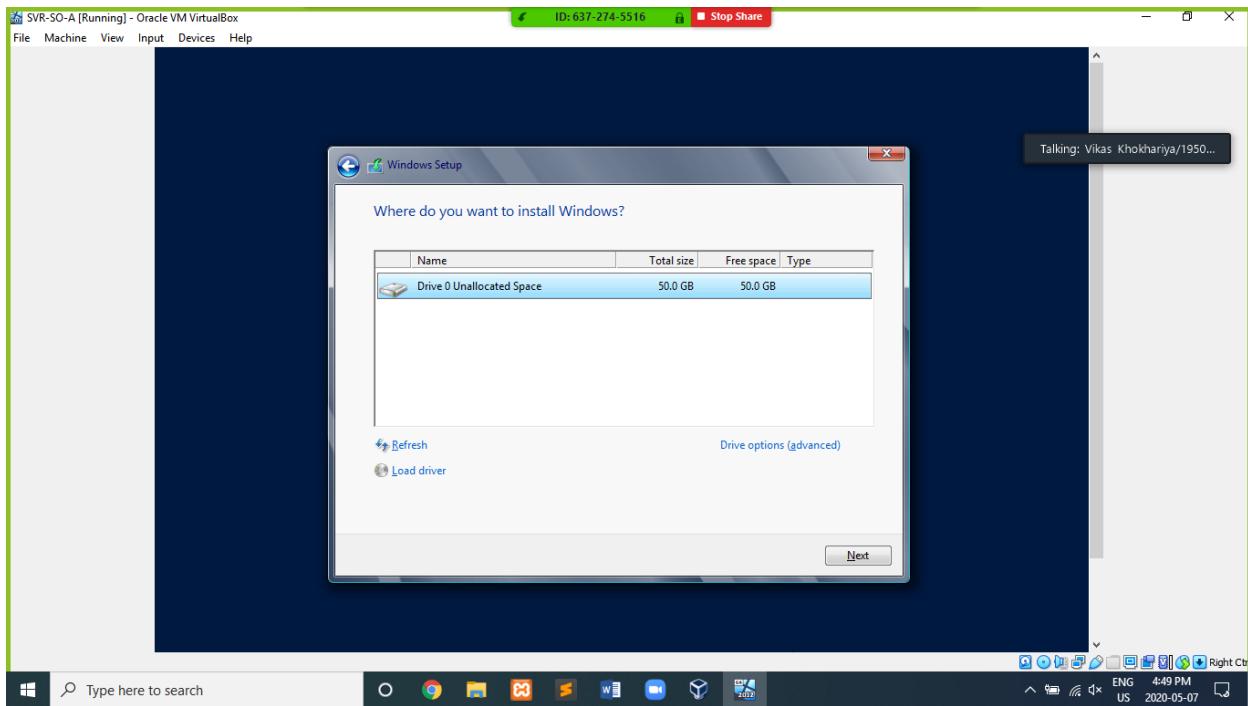
## Step 9: Select Operating System you want to install



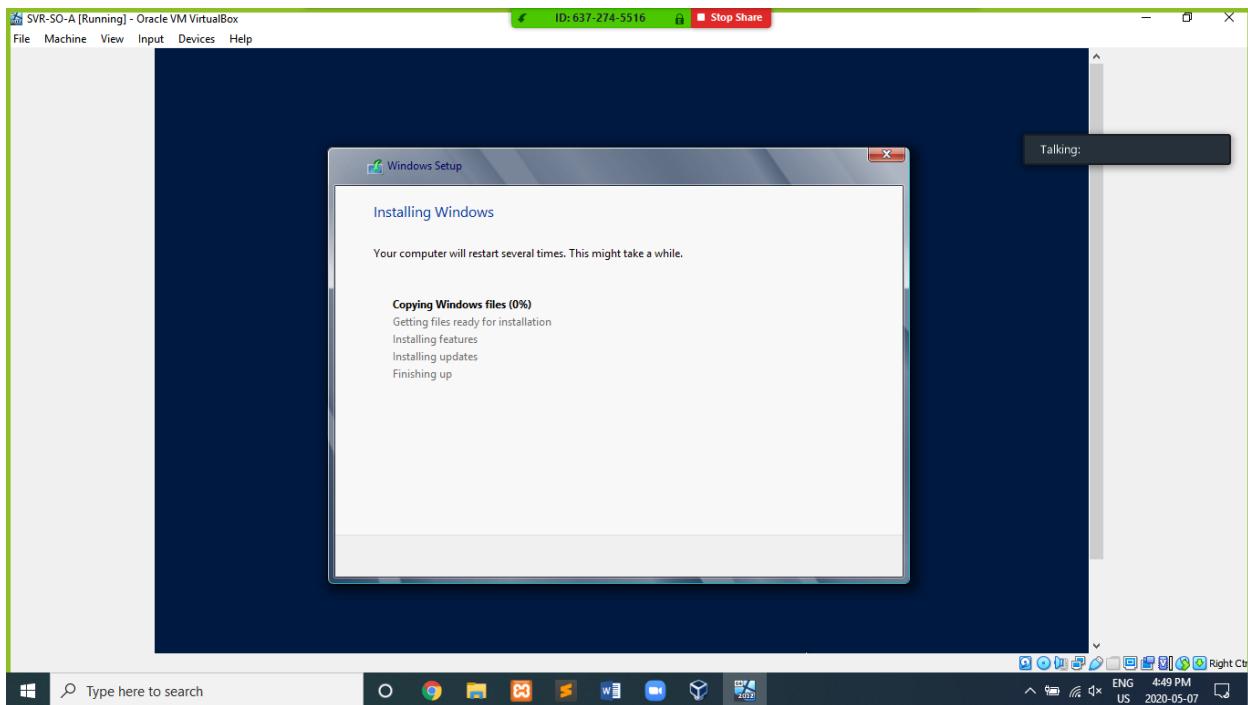
## Step 10: Install which type you want.



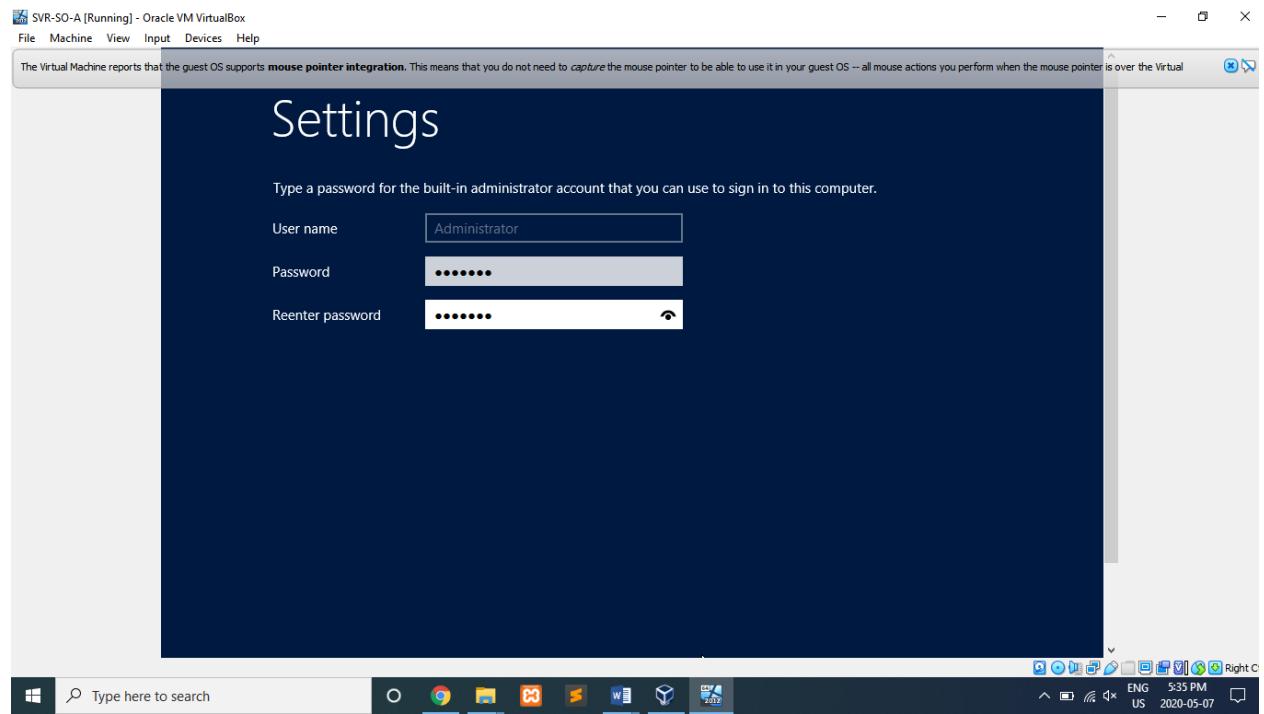
## Step 11: Choose memory capacity and location as system needs.



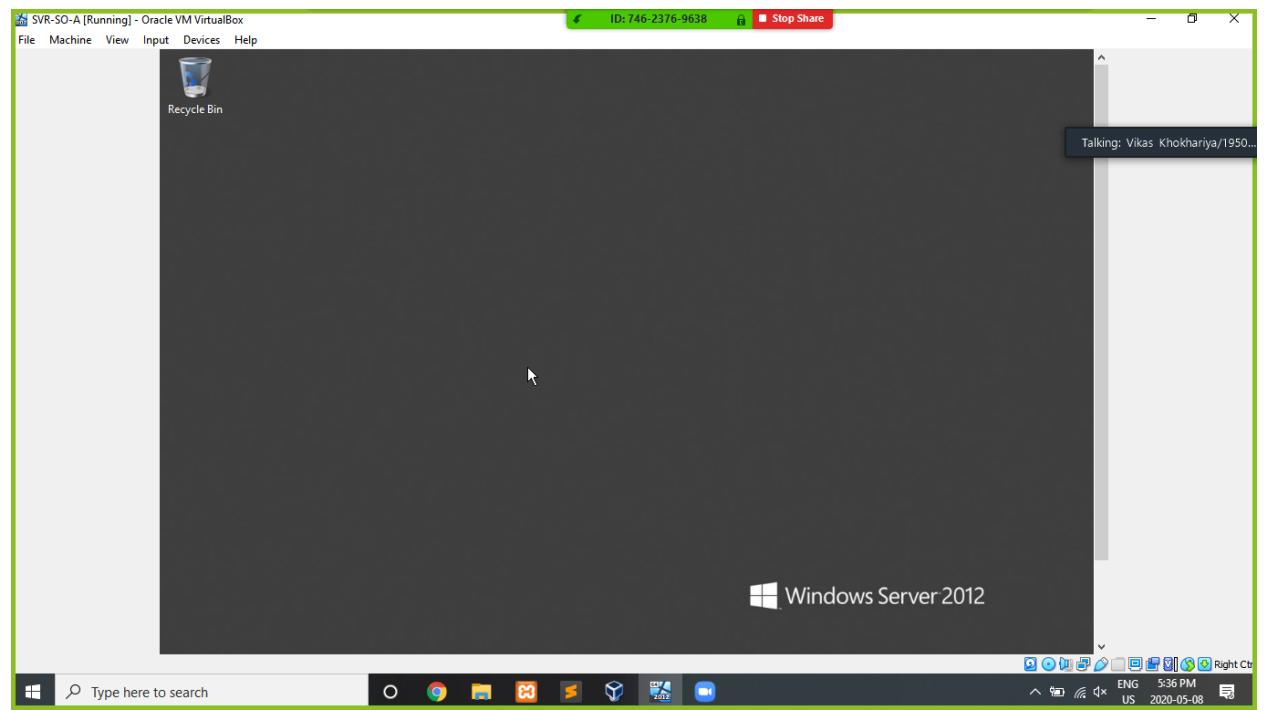
## Step 12: Installing Operating System



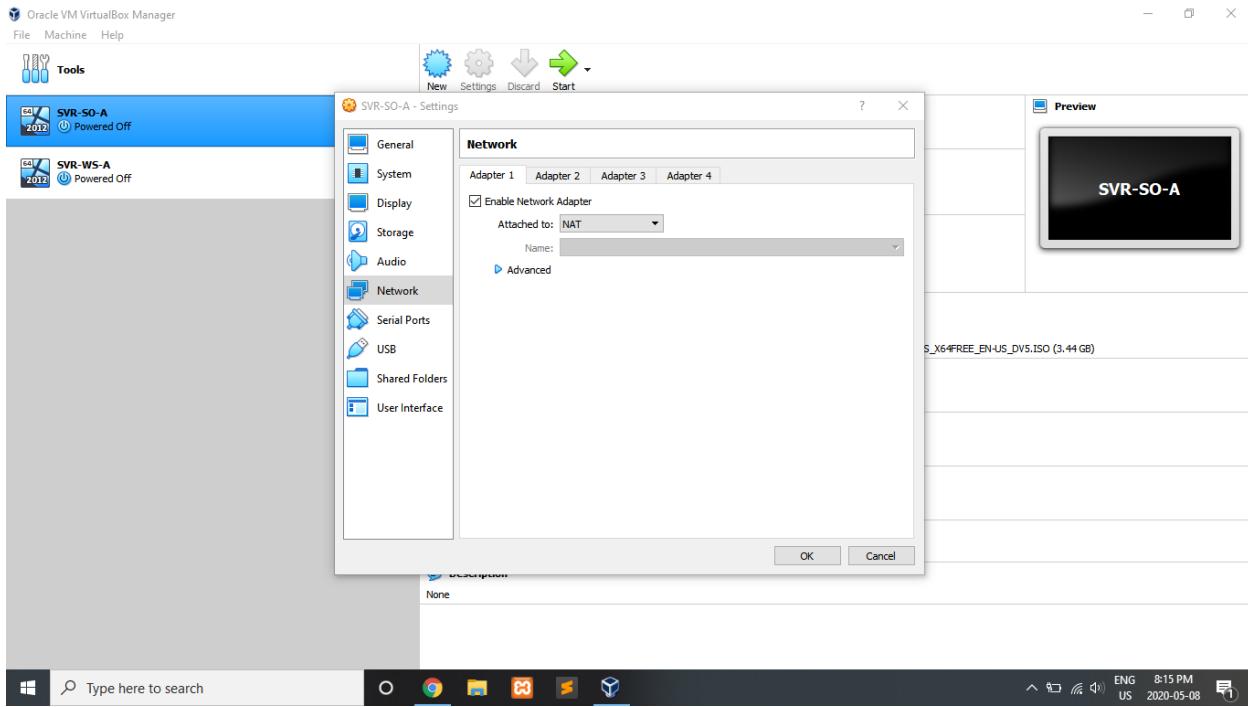
### Step 13: Create username and Password.



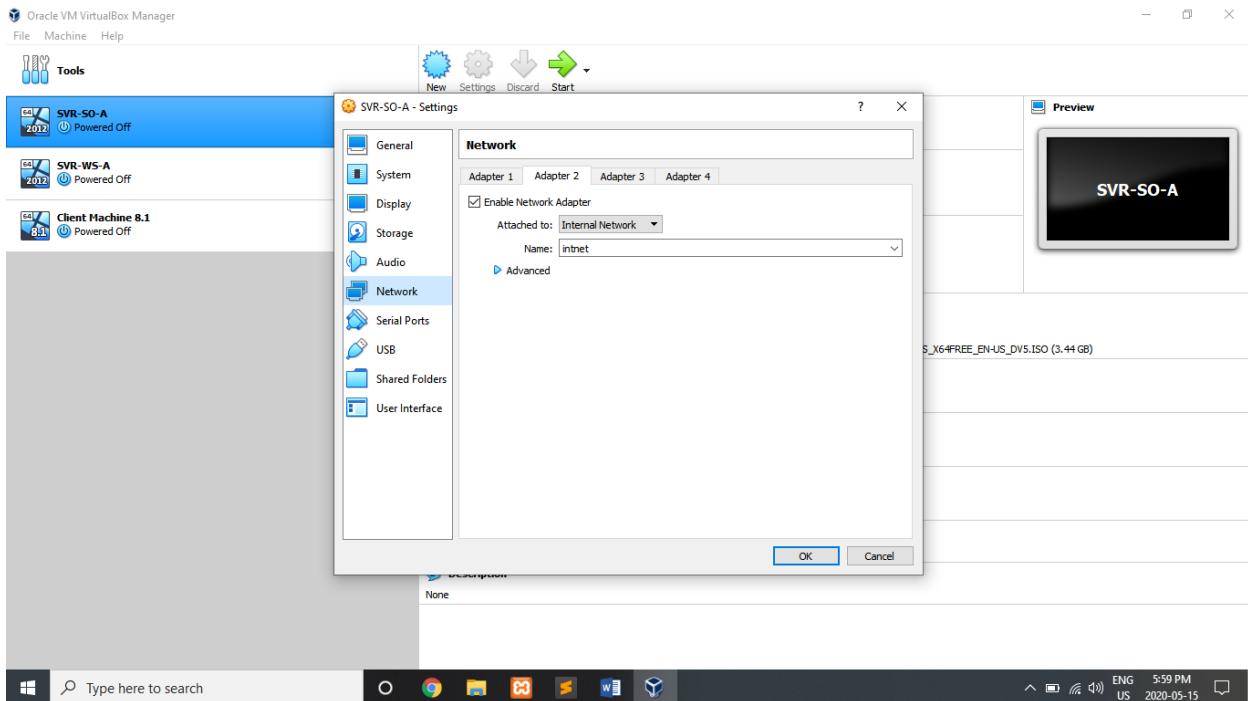
### Step 14: Installation Completed.



Step 15: Go to Network and set Adapter 1 as NAT.

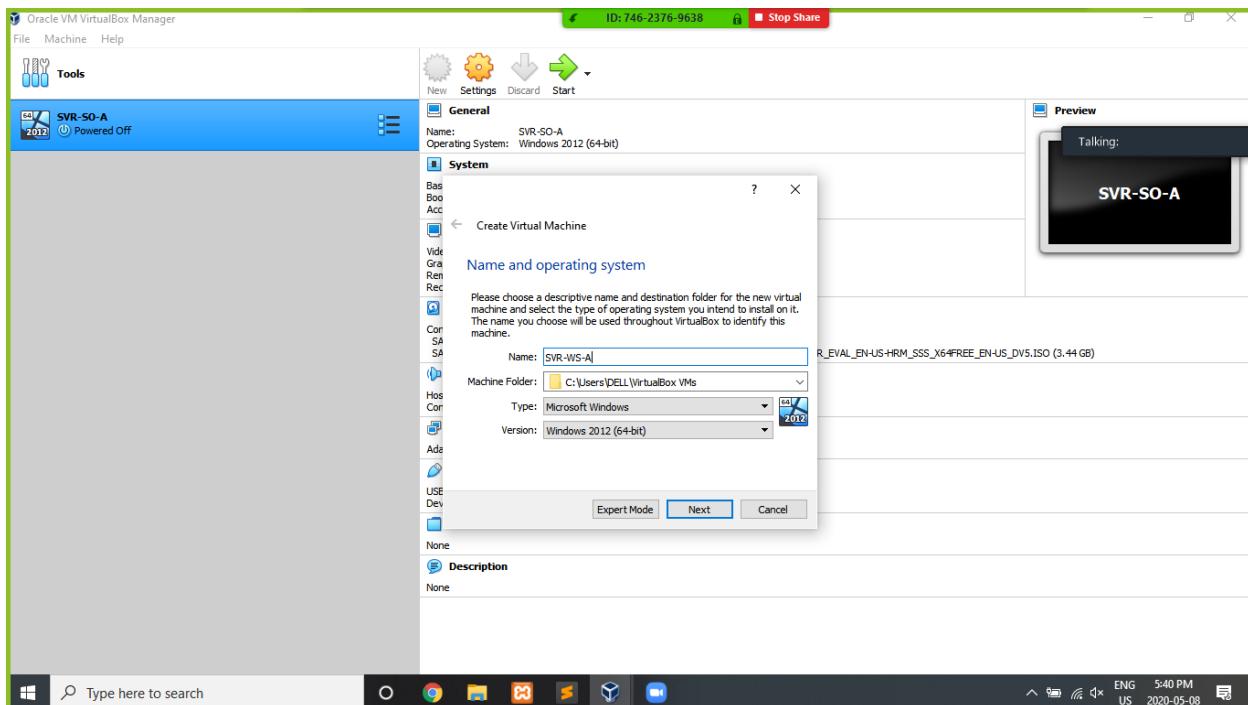


Step 16: Go to Network and set Adapter 2 as Internal Network.

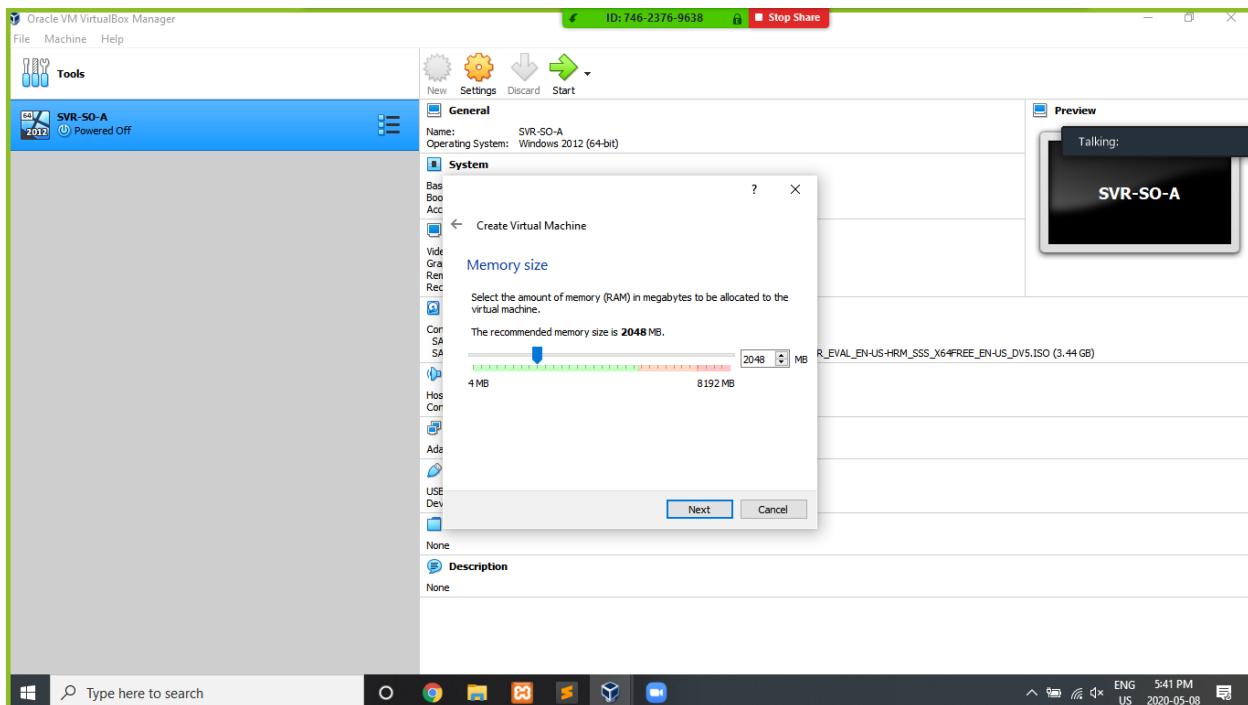


## Steps to Create of Web Server (SVR-WS-A)

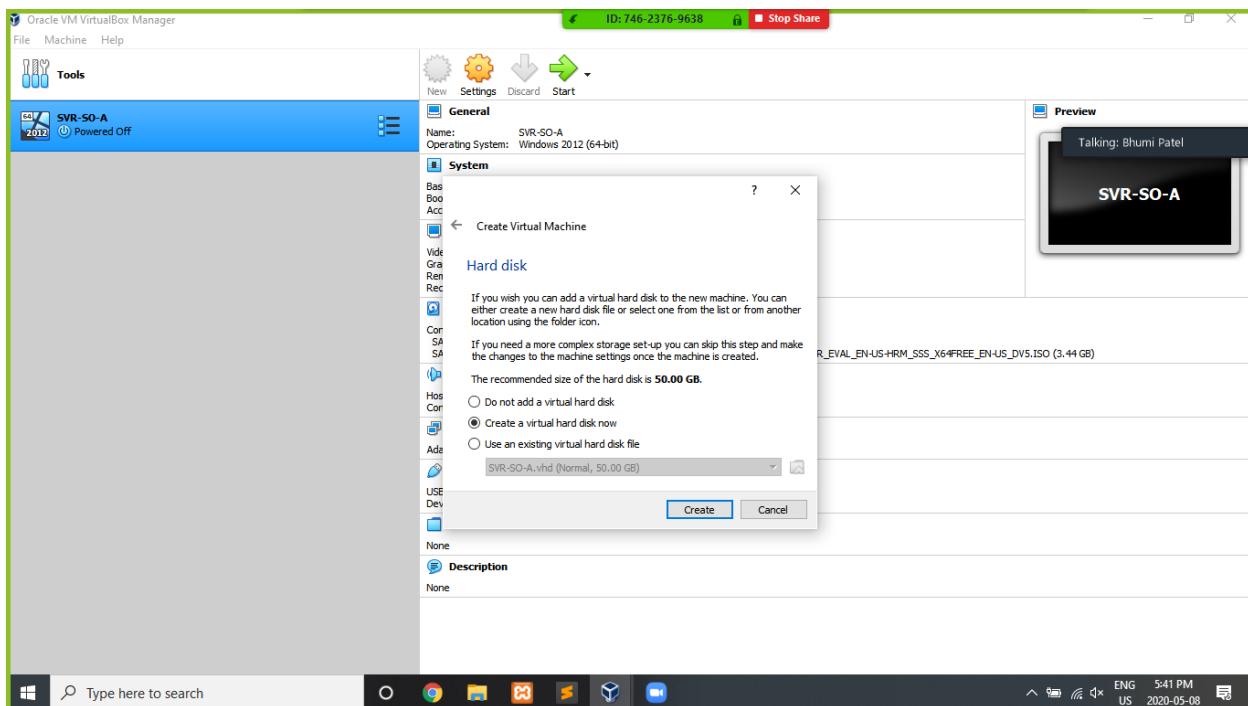
Step 1: Provide name according to the requirements.



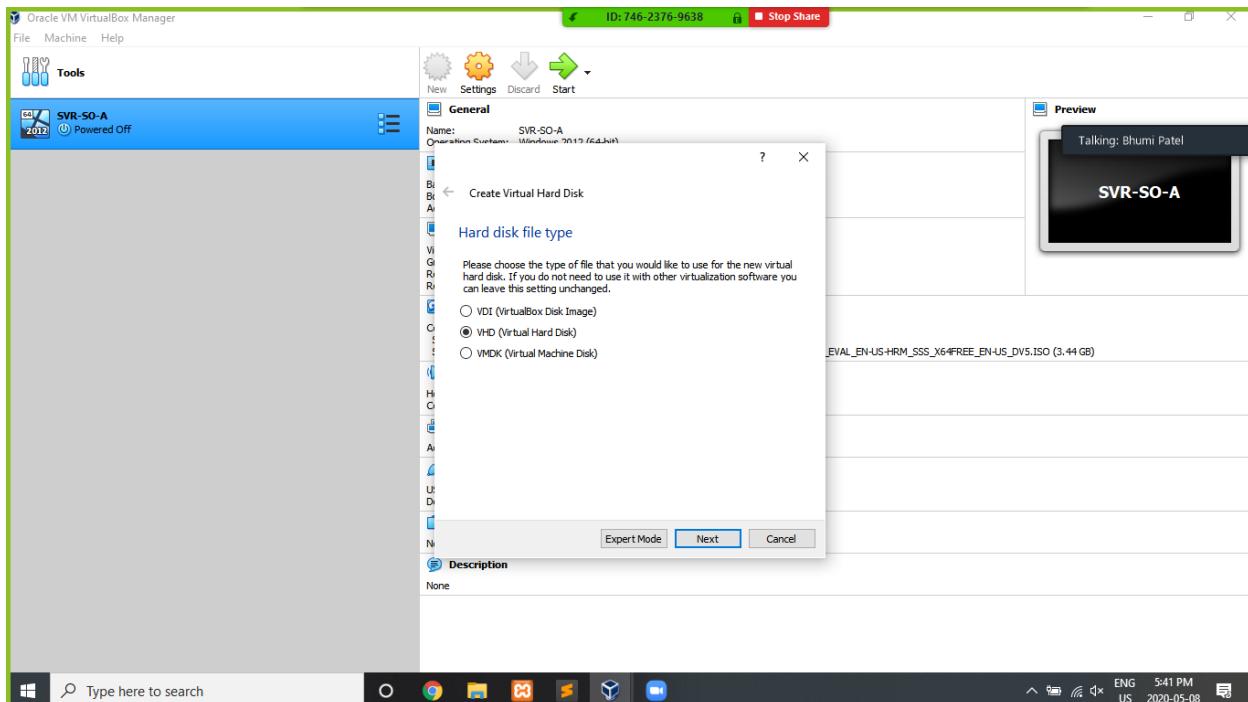
## Step 2: Allocate Memory Size.



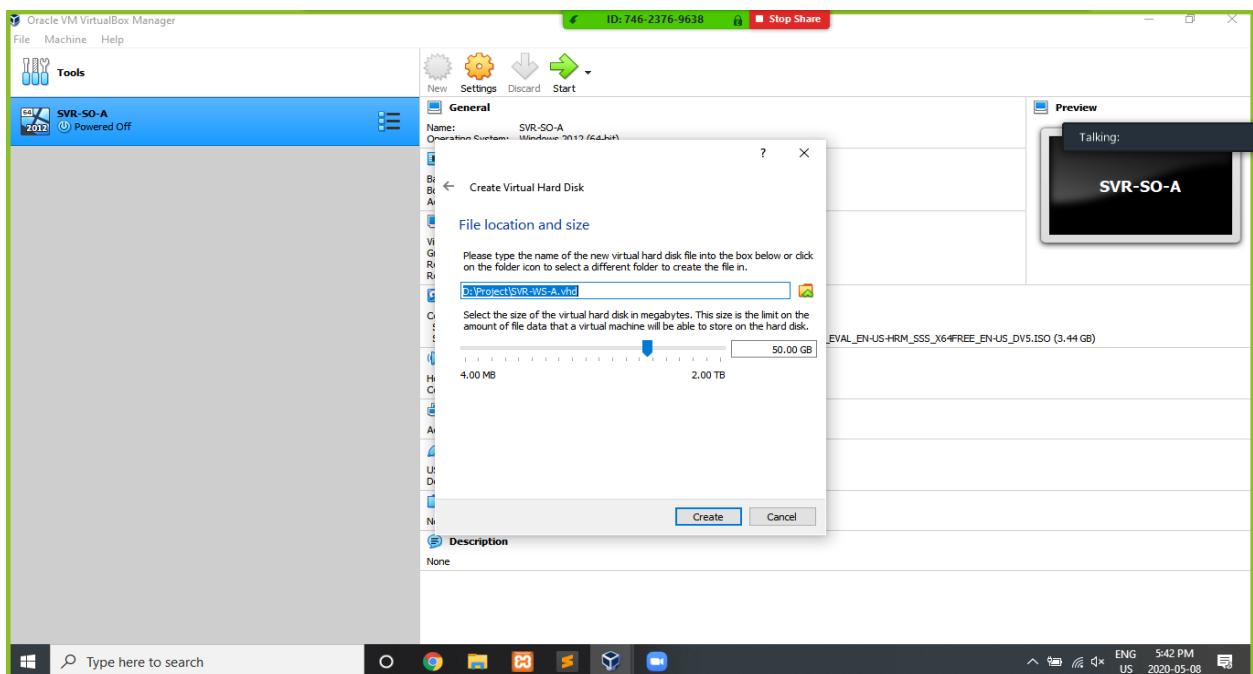
## Step 3: Create Virtual Hard Disk



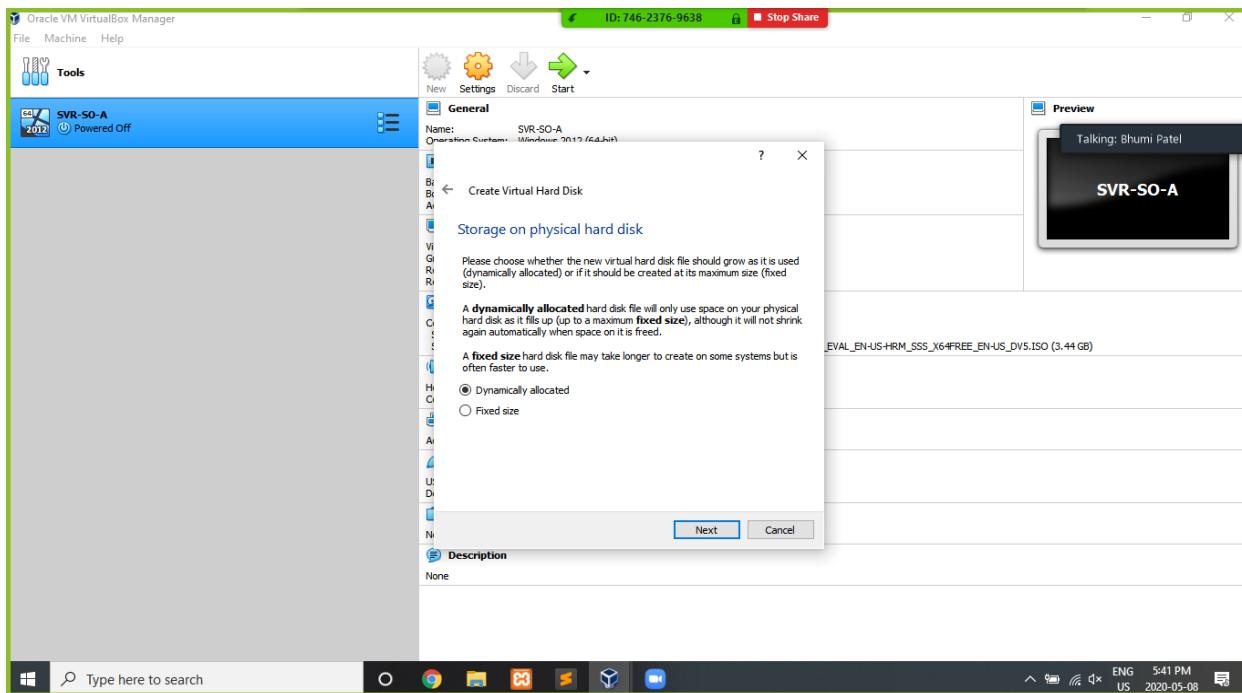
#### Step 4: Select VHD (Virtual Hard Disk)



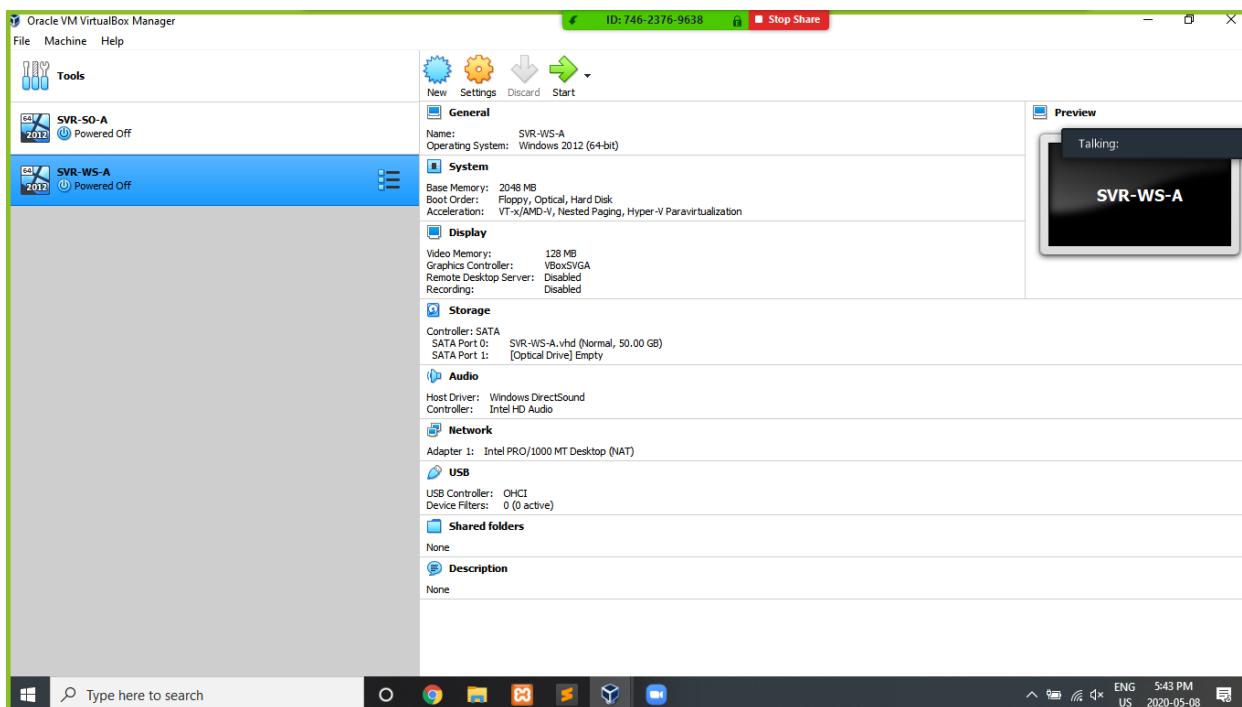
#### Step 5: Create a virtual hard disk and should be allocated dynamically.



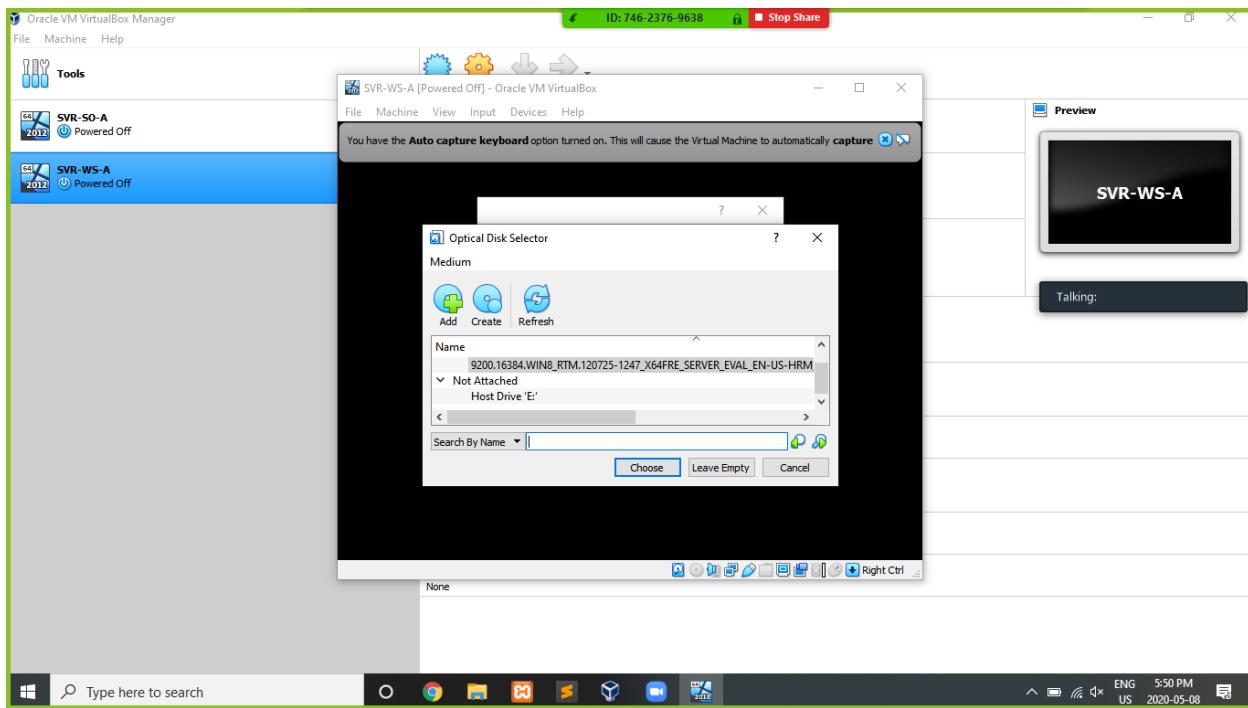
## Step 6: Allocate Location and Size



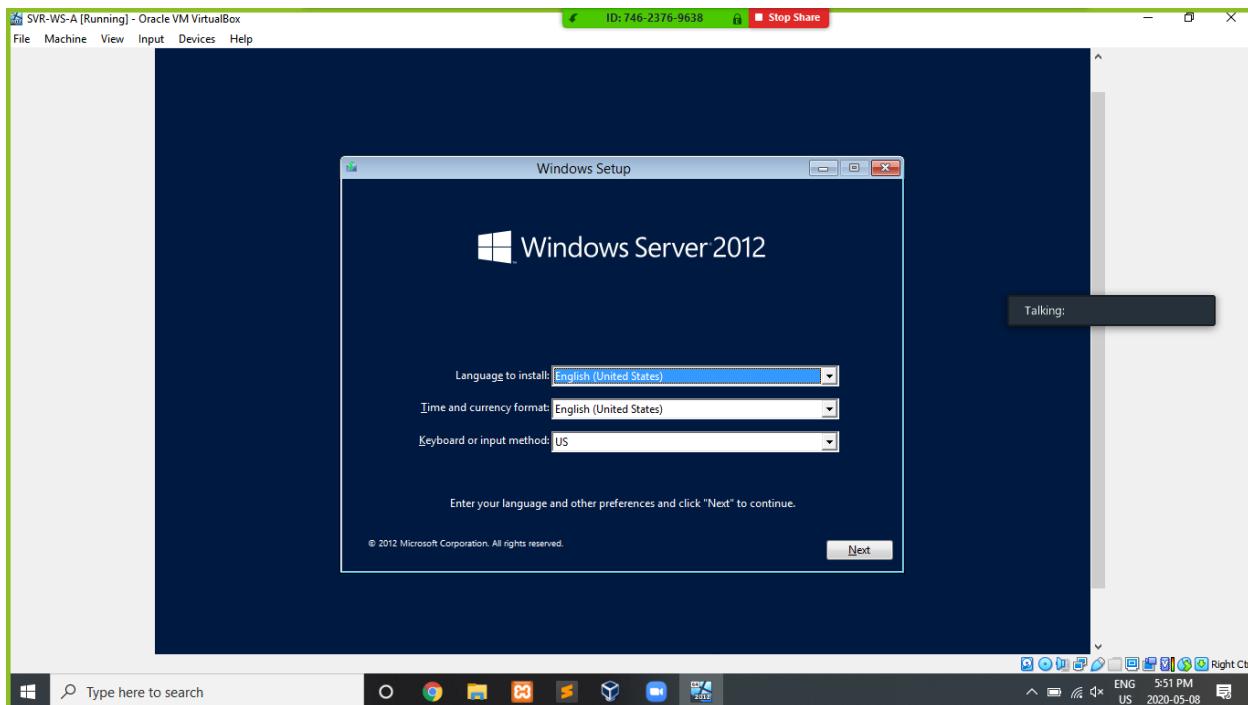
## Step 7: Created Web Server (SVR-WS-A)



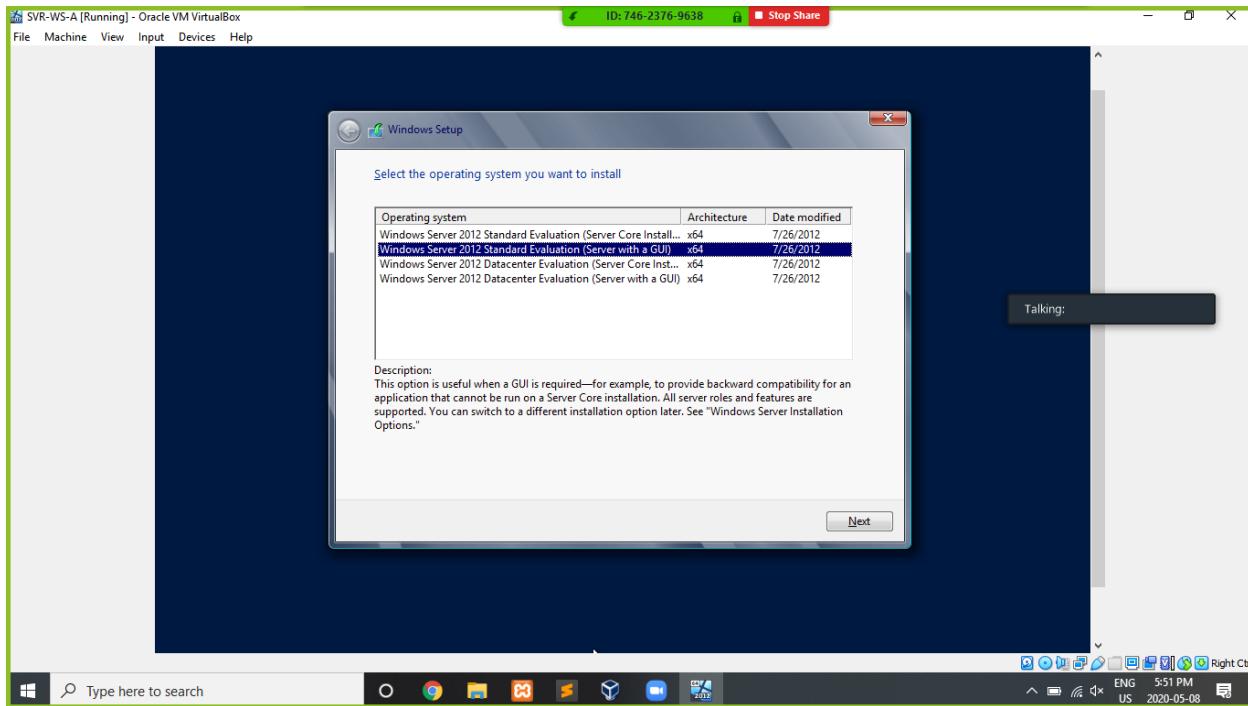
## Step 8: Add ISO File



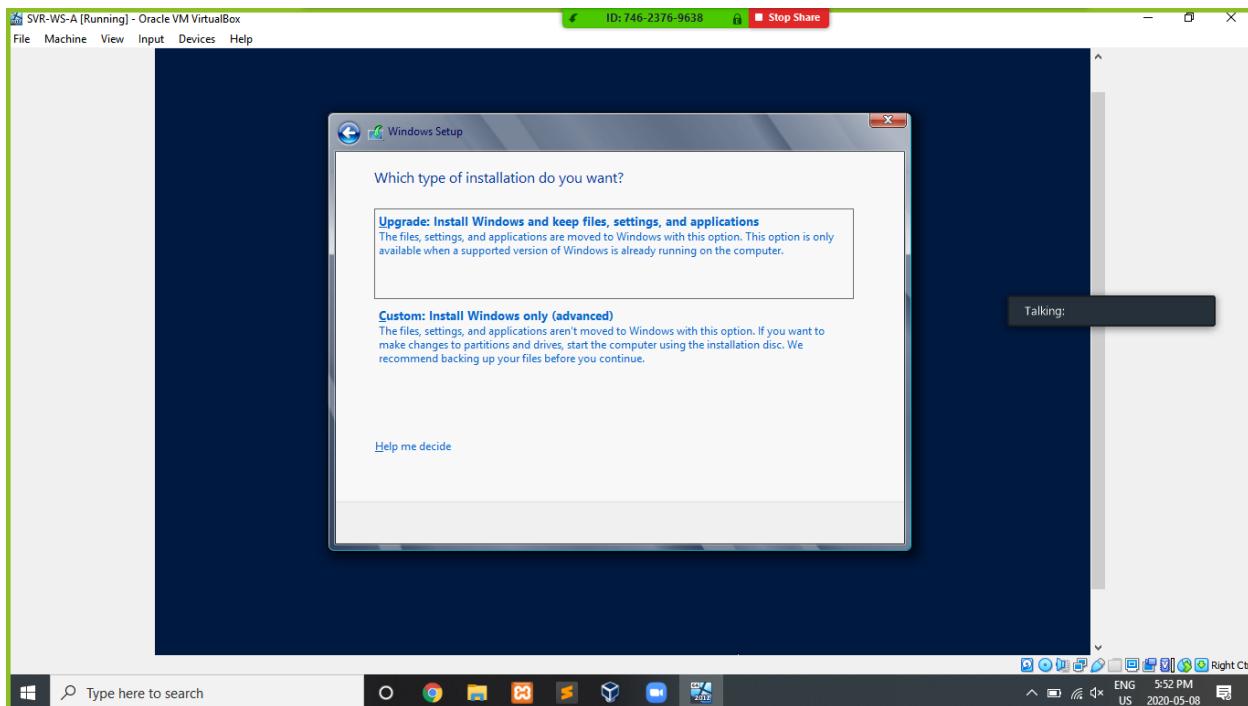
## Step 9: Install the windows server 2012 on Router.



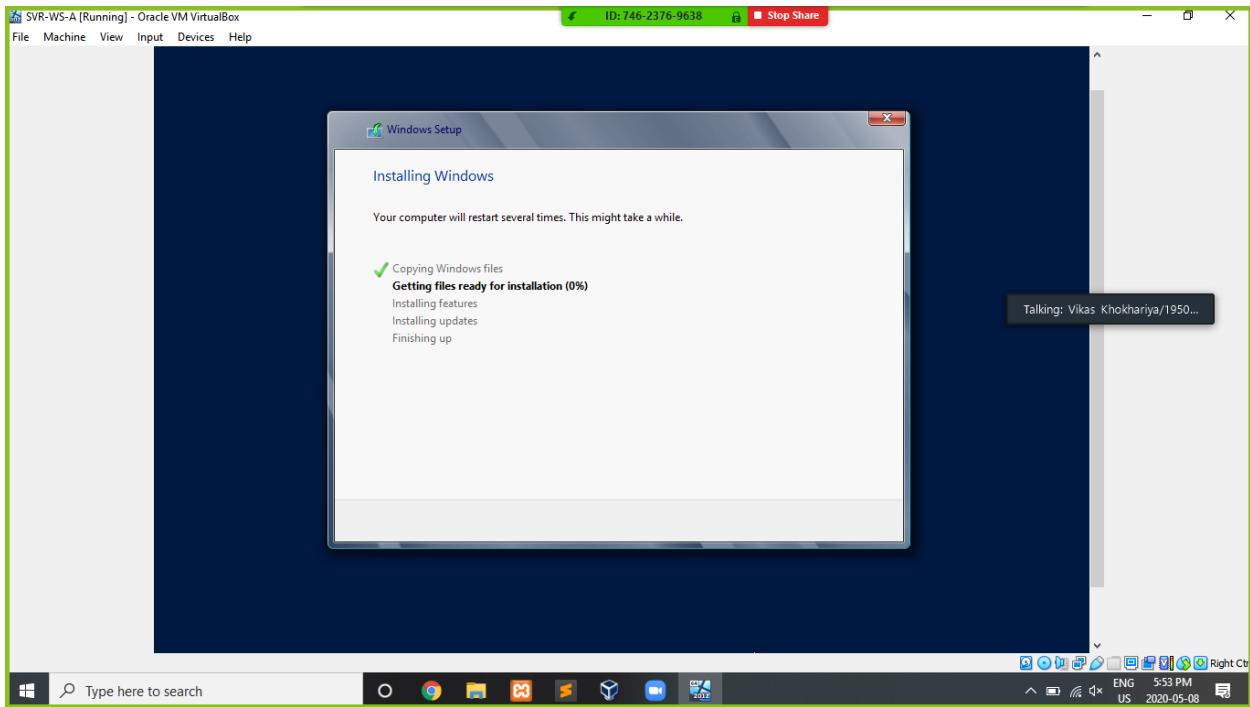
## Step 10: Choose Operating System To Install.



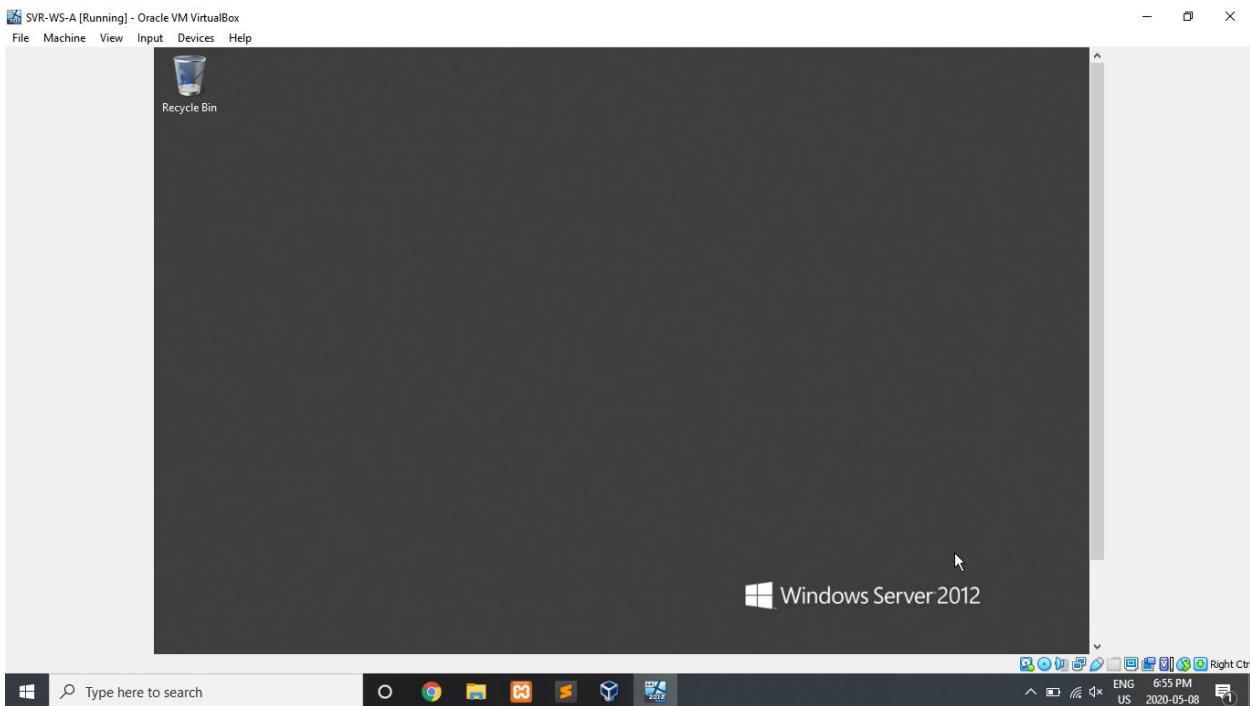
## Step 11: Install which type you want



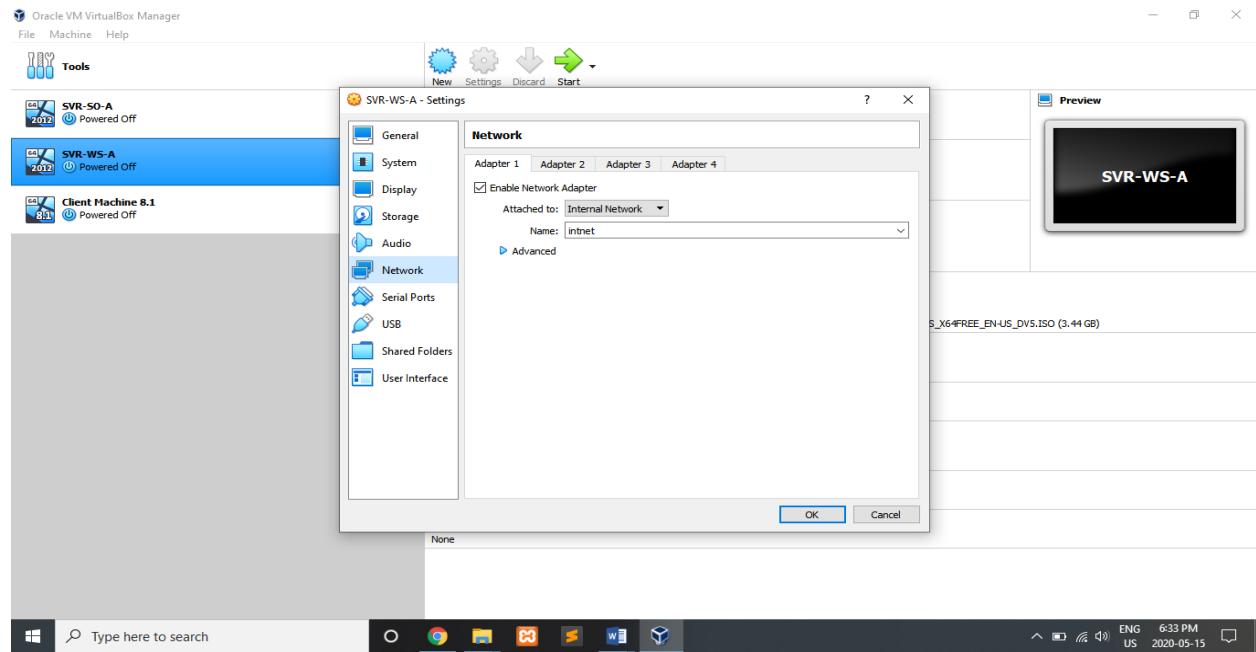
## Step 12: Installing Window



## Step 13: Installation Done.

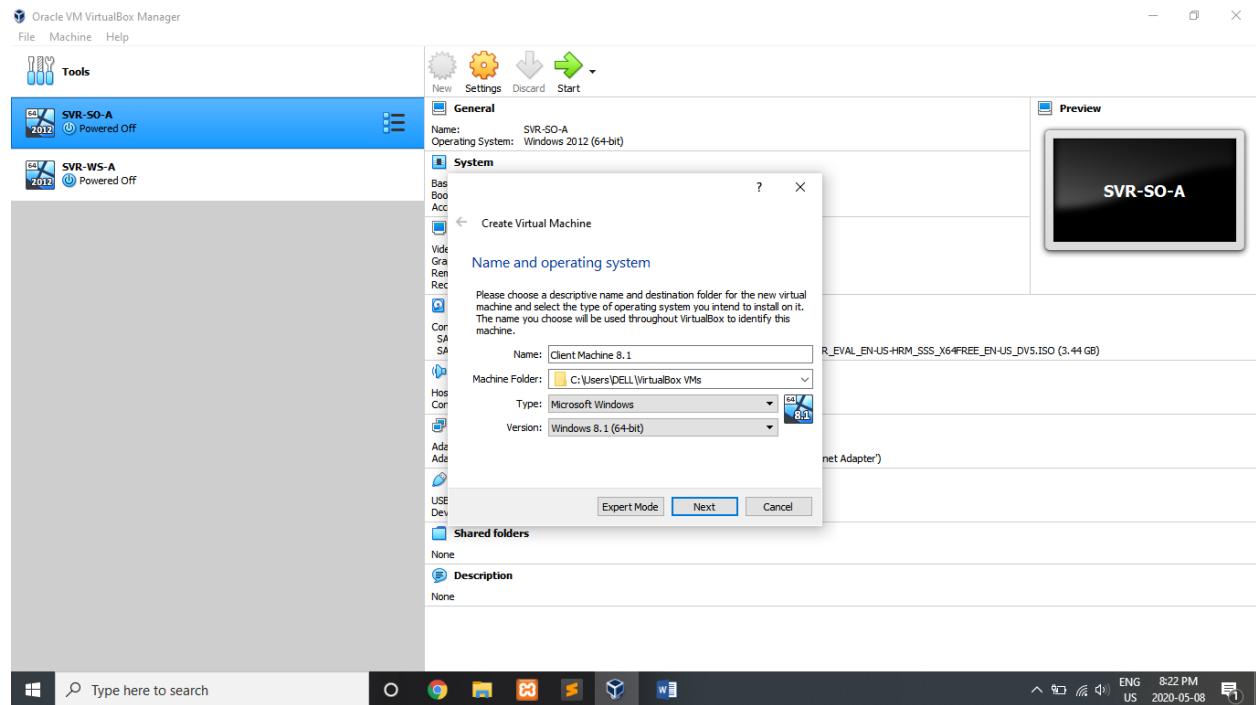


## Step 14: Go to Network and set adapter 1 to Internal Network

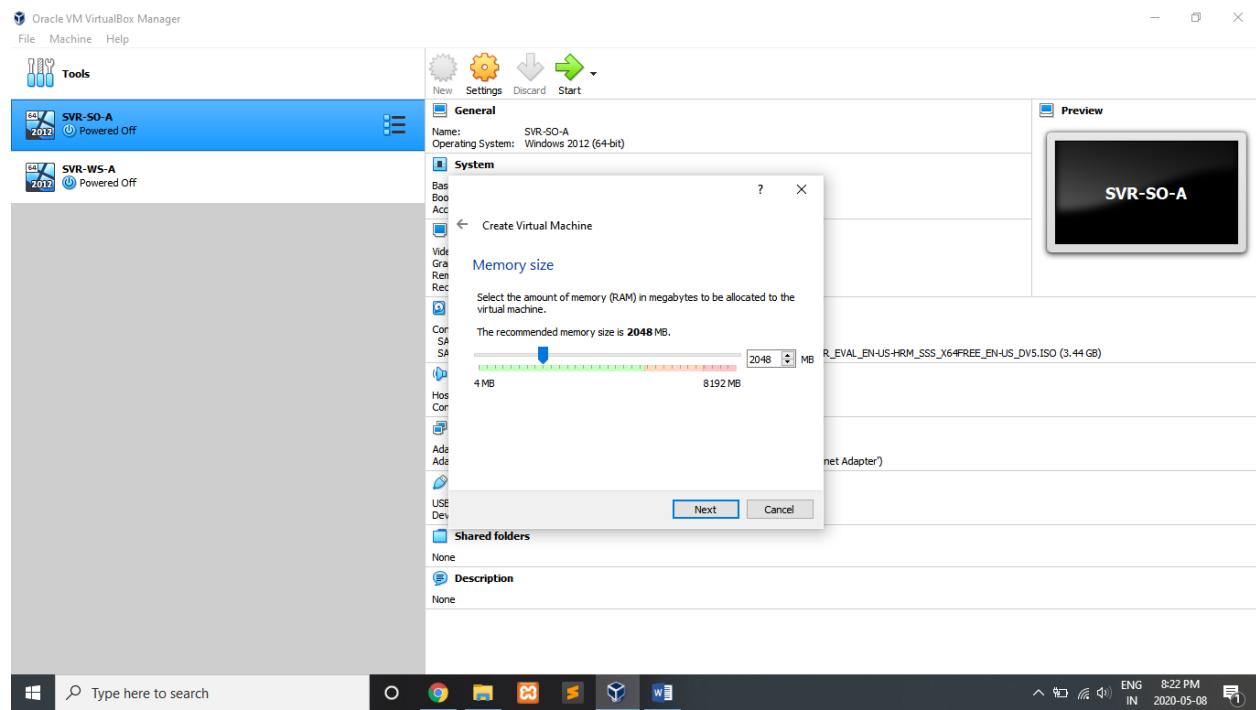


## Steps to Create of Client Machines

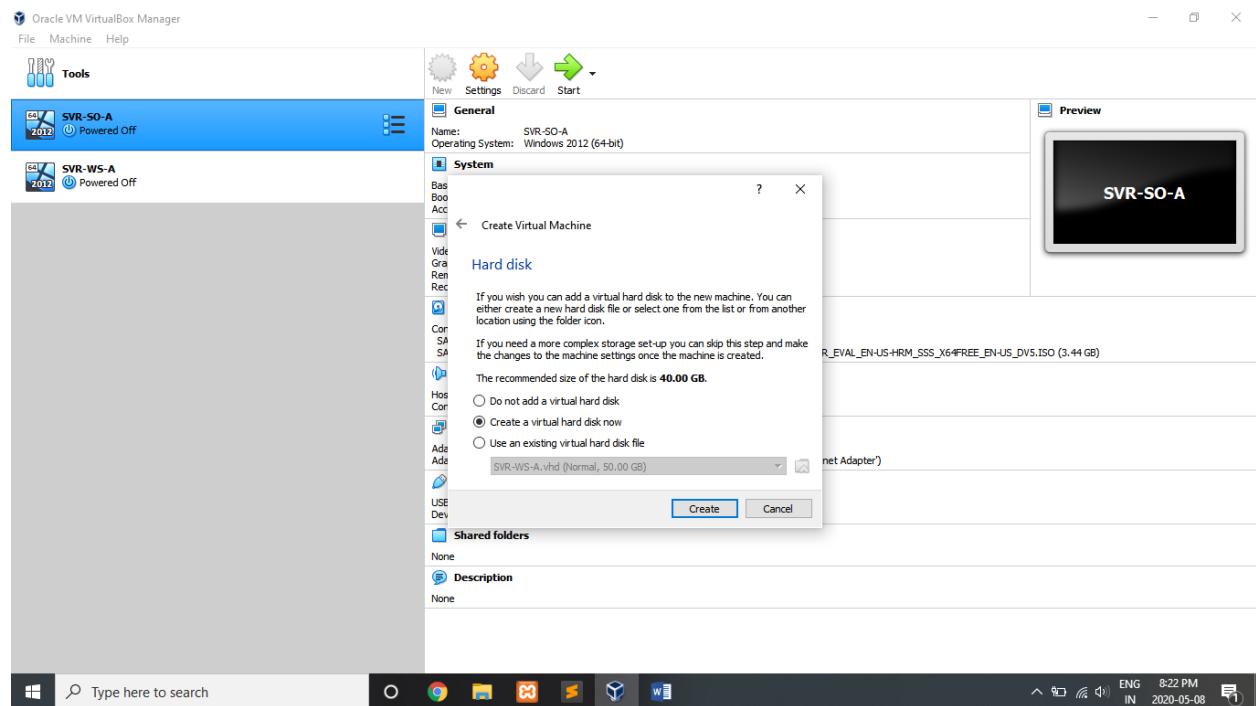
Steps 1: Provide name according to the requirements.



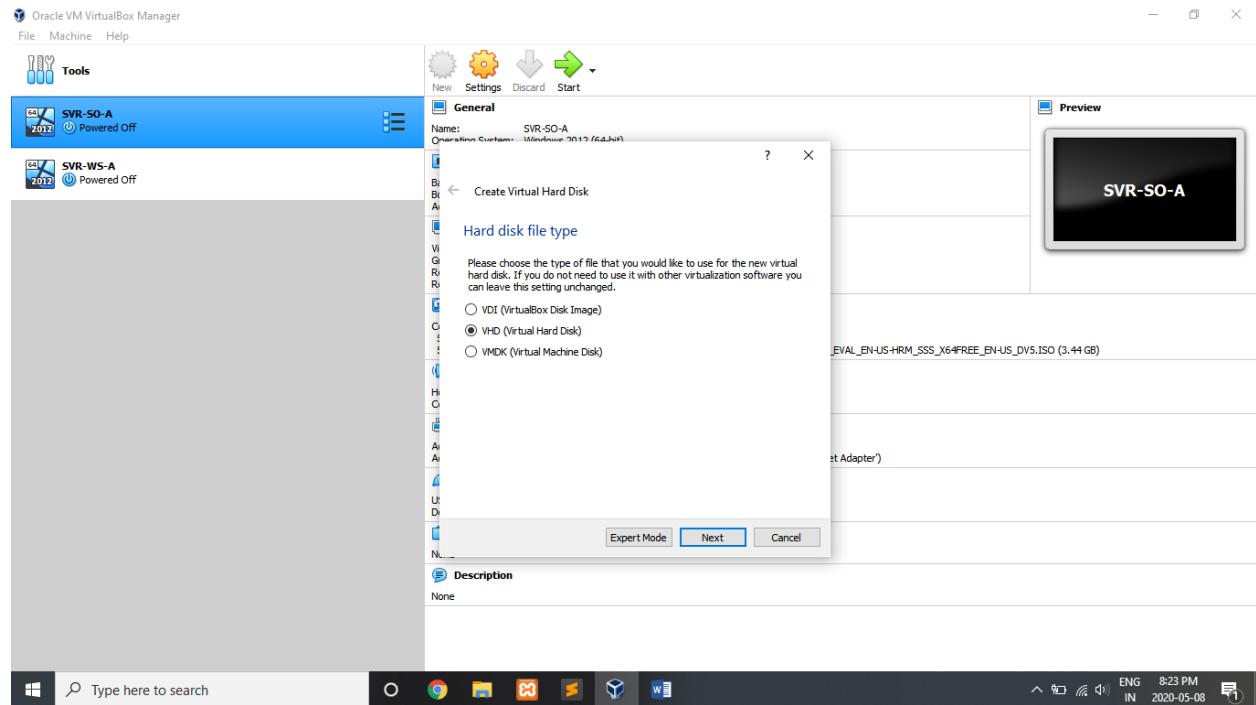
## Step 2: Choose memory capacity as system needs.



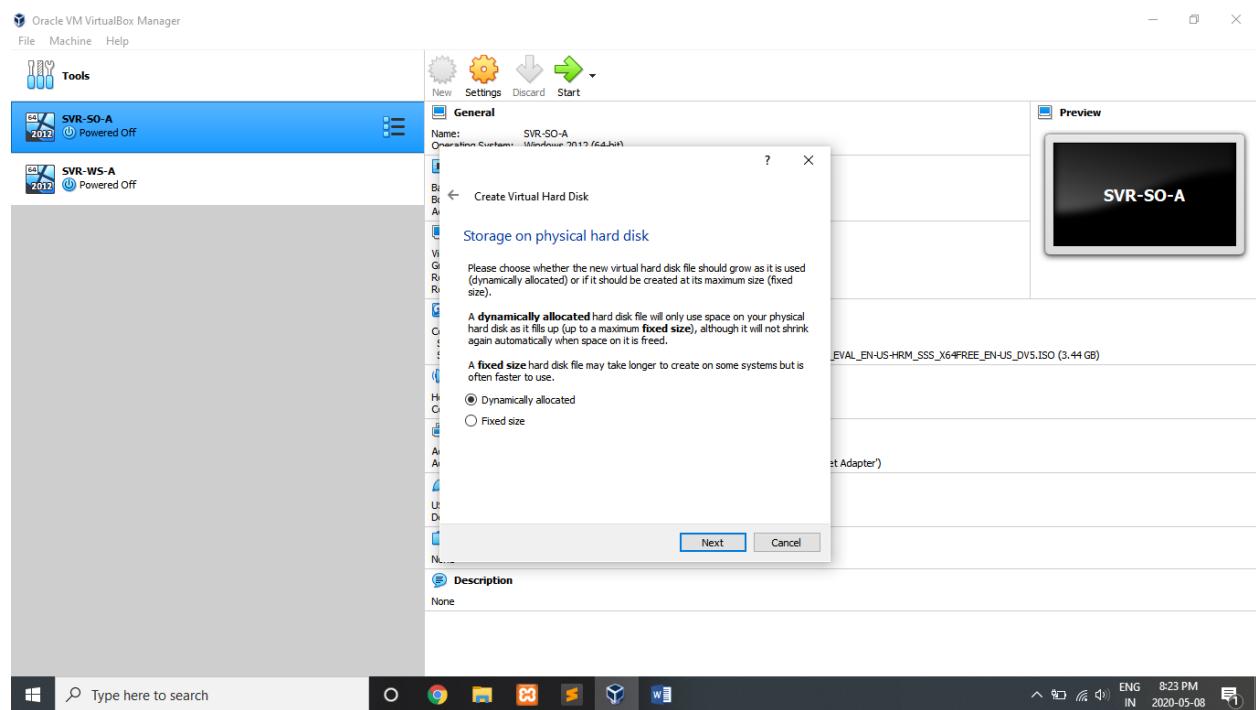
## Step 3: Create a Virtual Hard Disk



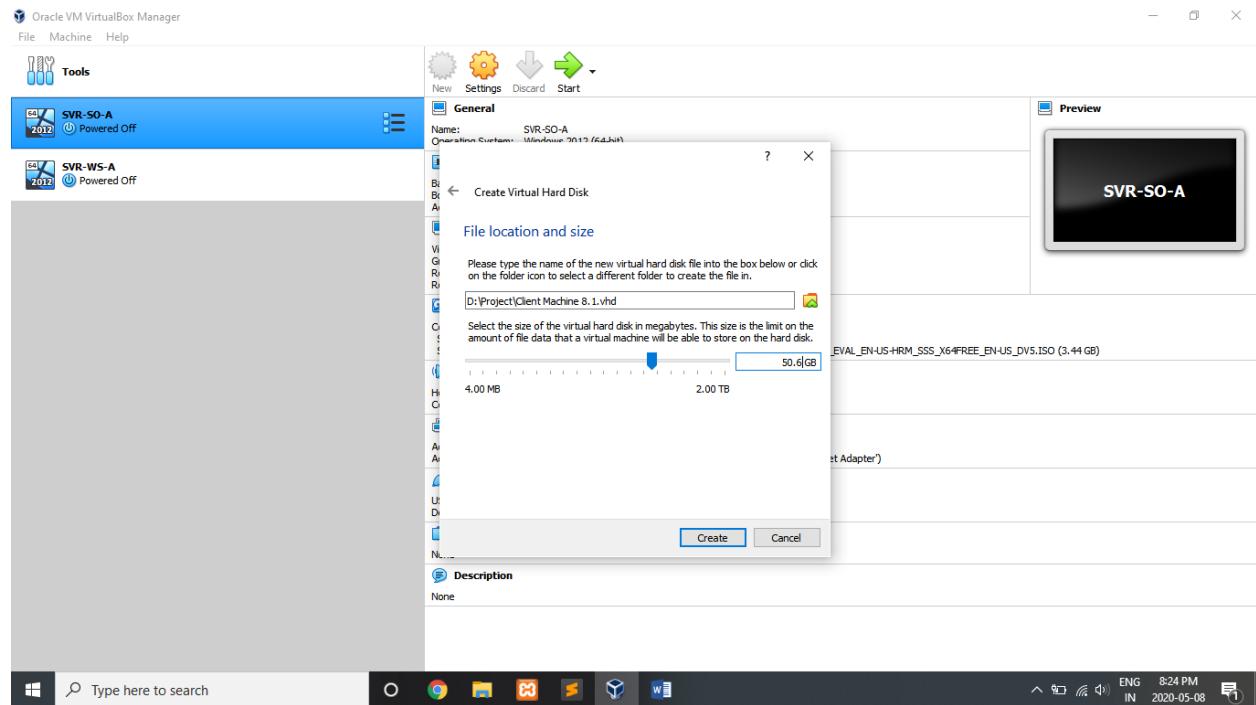
#### Step 4: Choose file type VHD (Virtual Hard Disk)



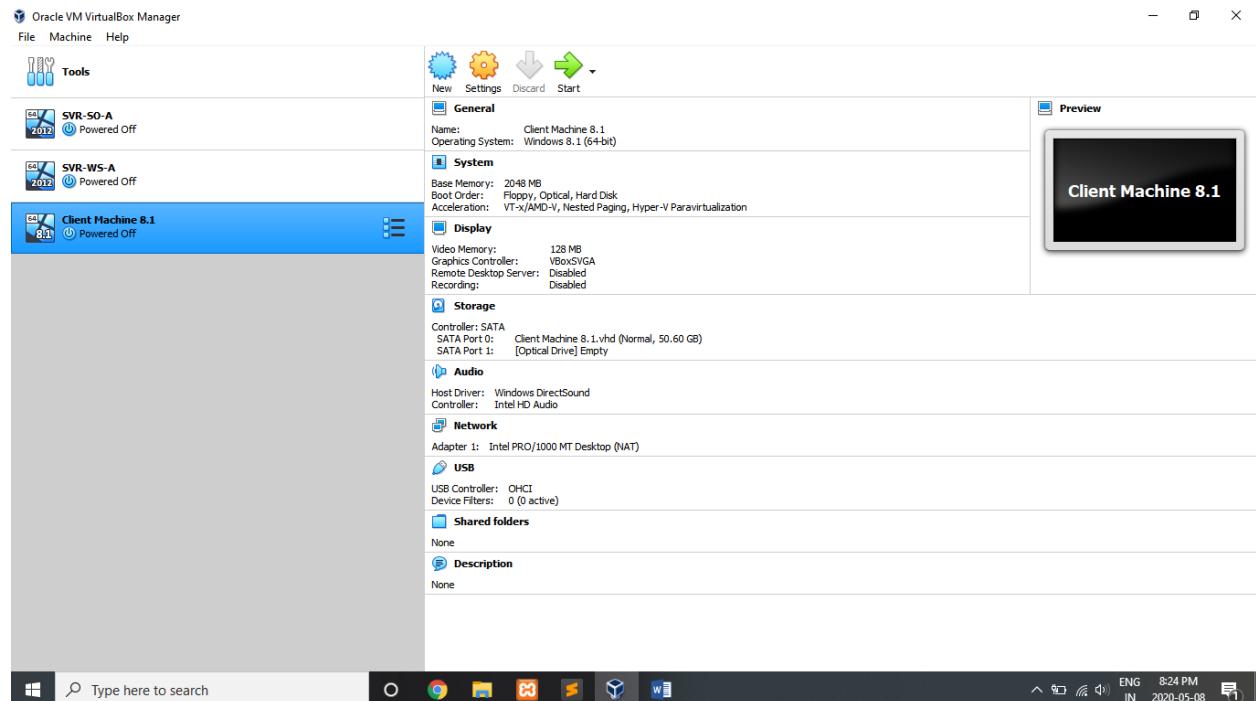
#### Step 5: Create a Virtual Hard Disk and should be allocated dynamically.



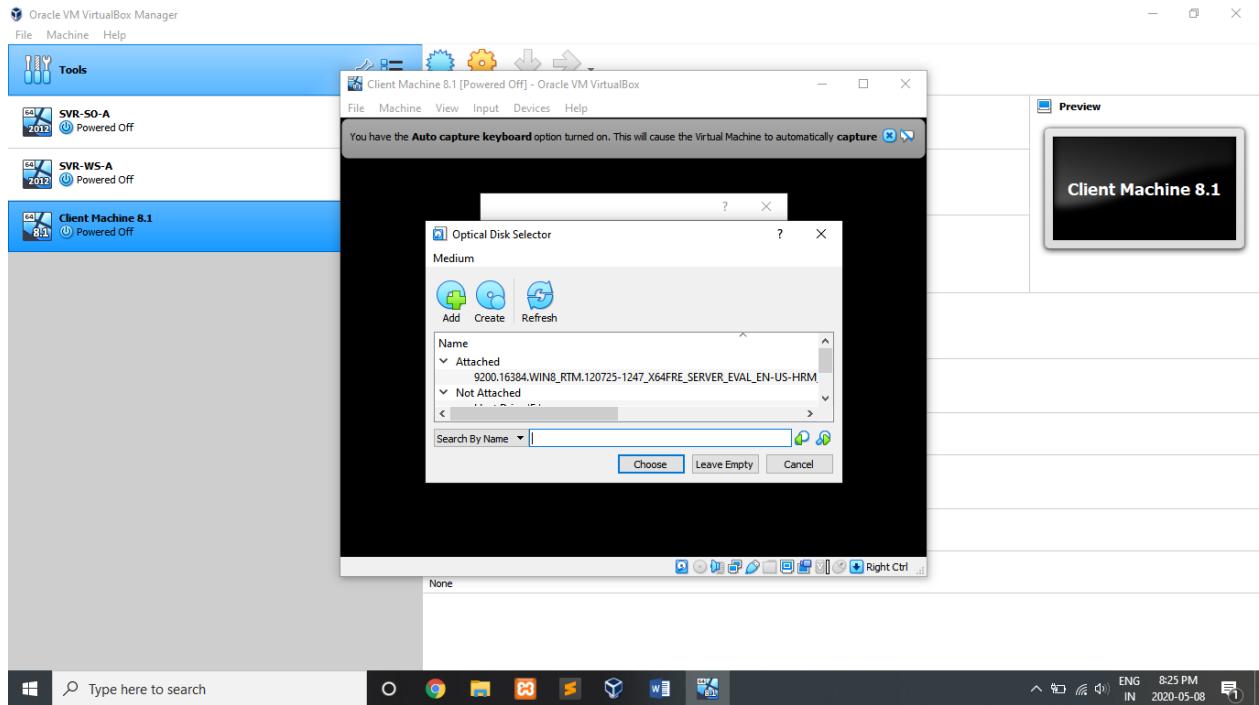
## Step 6: Choose Disk location and size



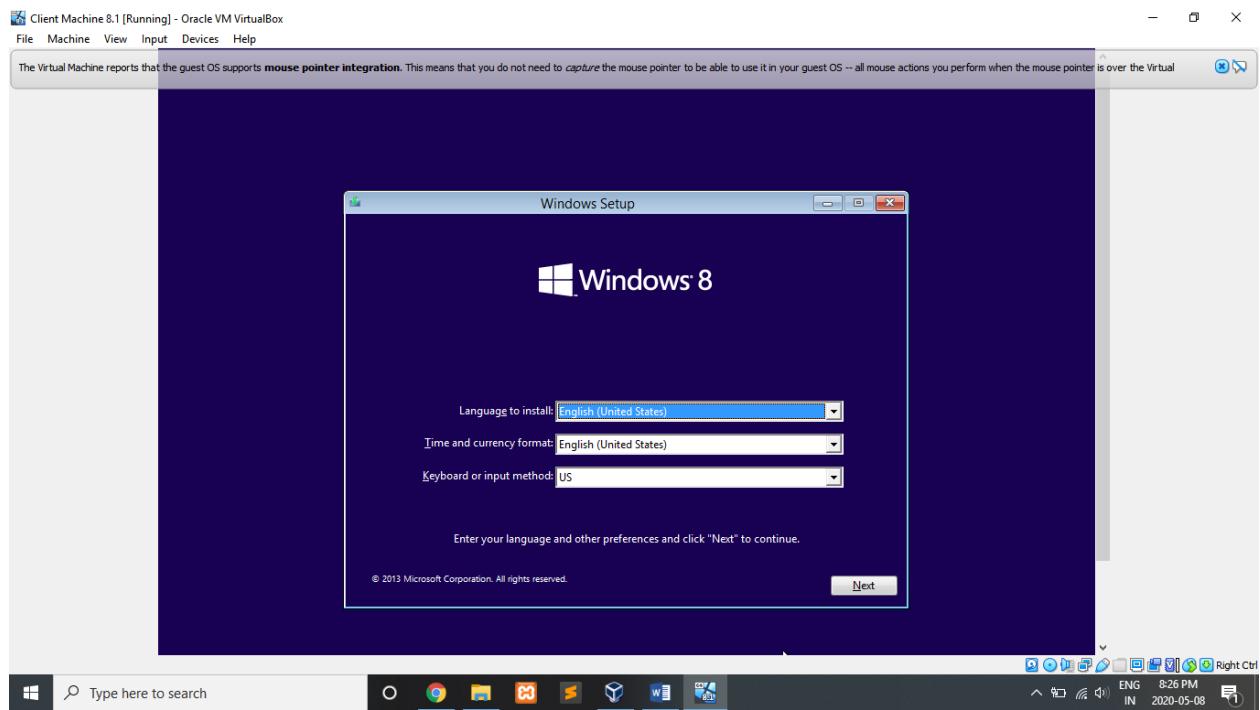
## Step 7: Created Client Machine

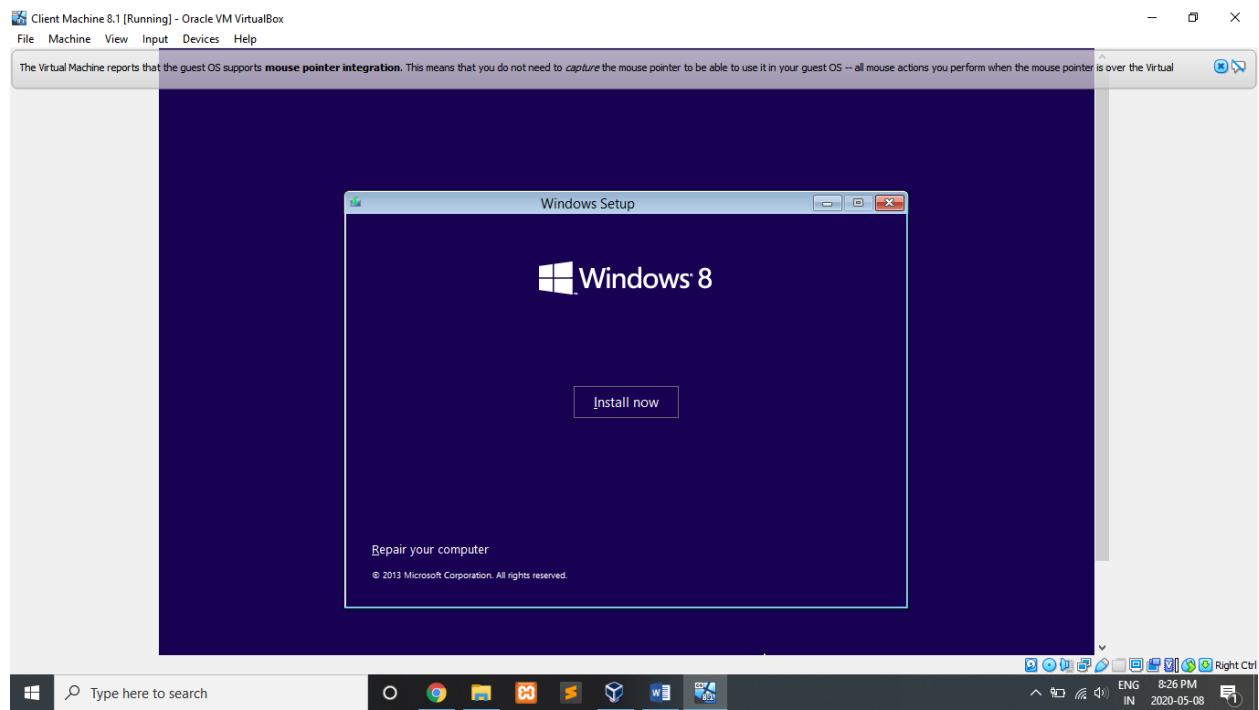


#### Step 8: Add ISO file

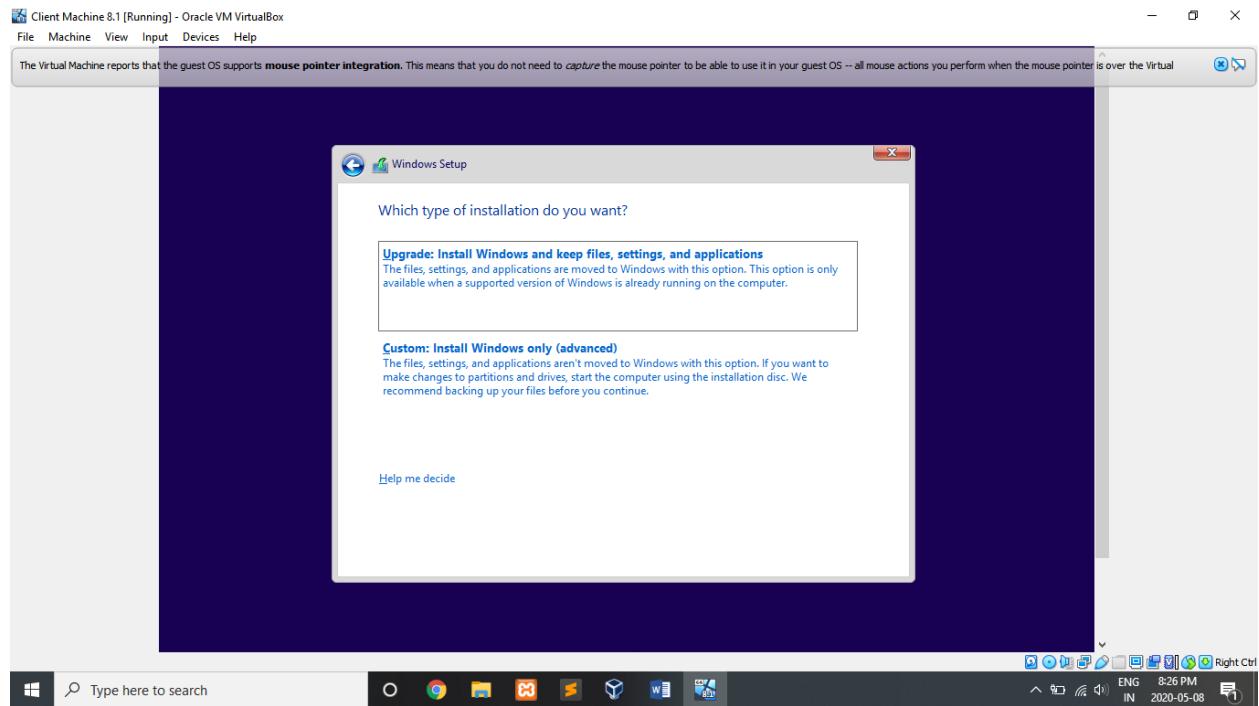


### Step 9: Install the Windows 8

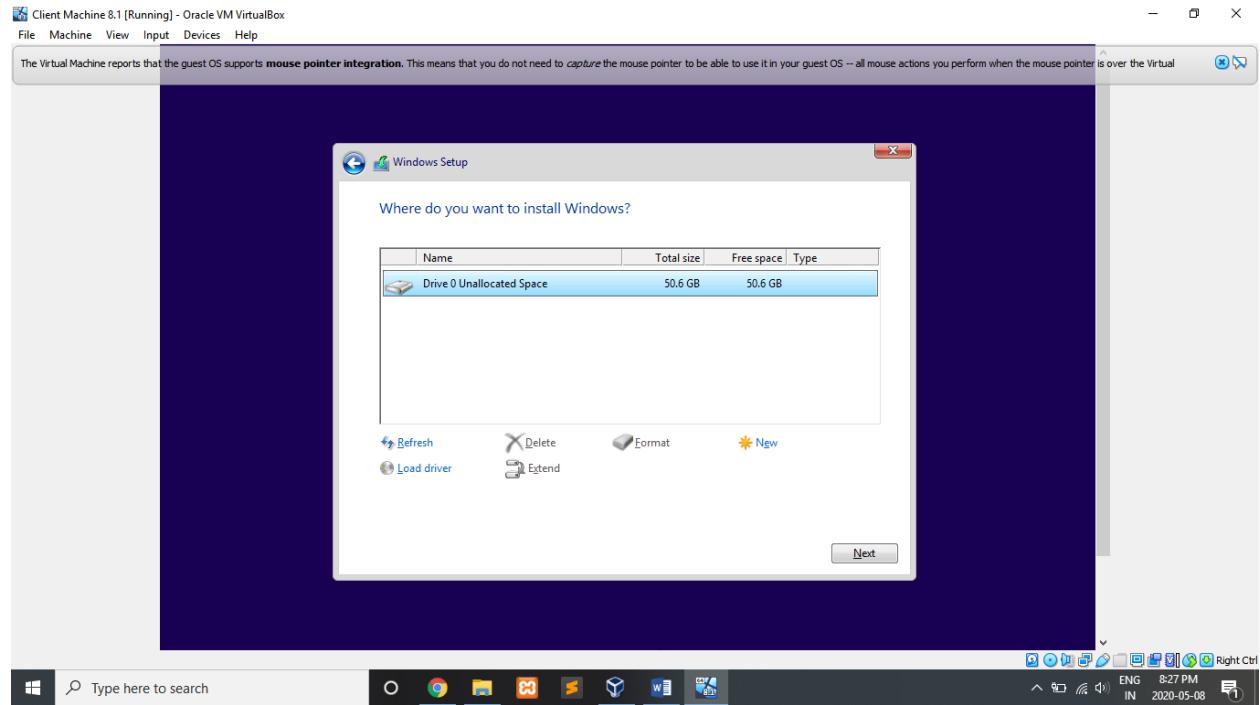




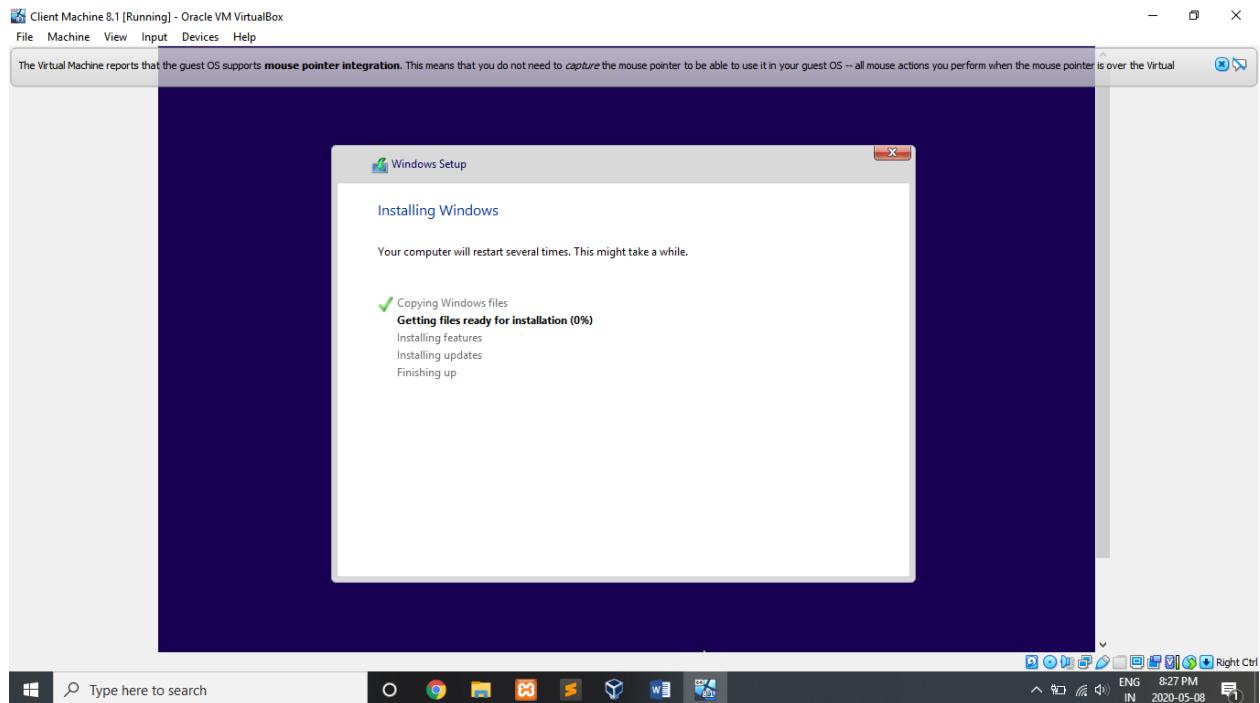
## Step 10: Install which type you want



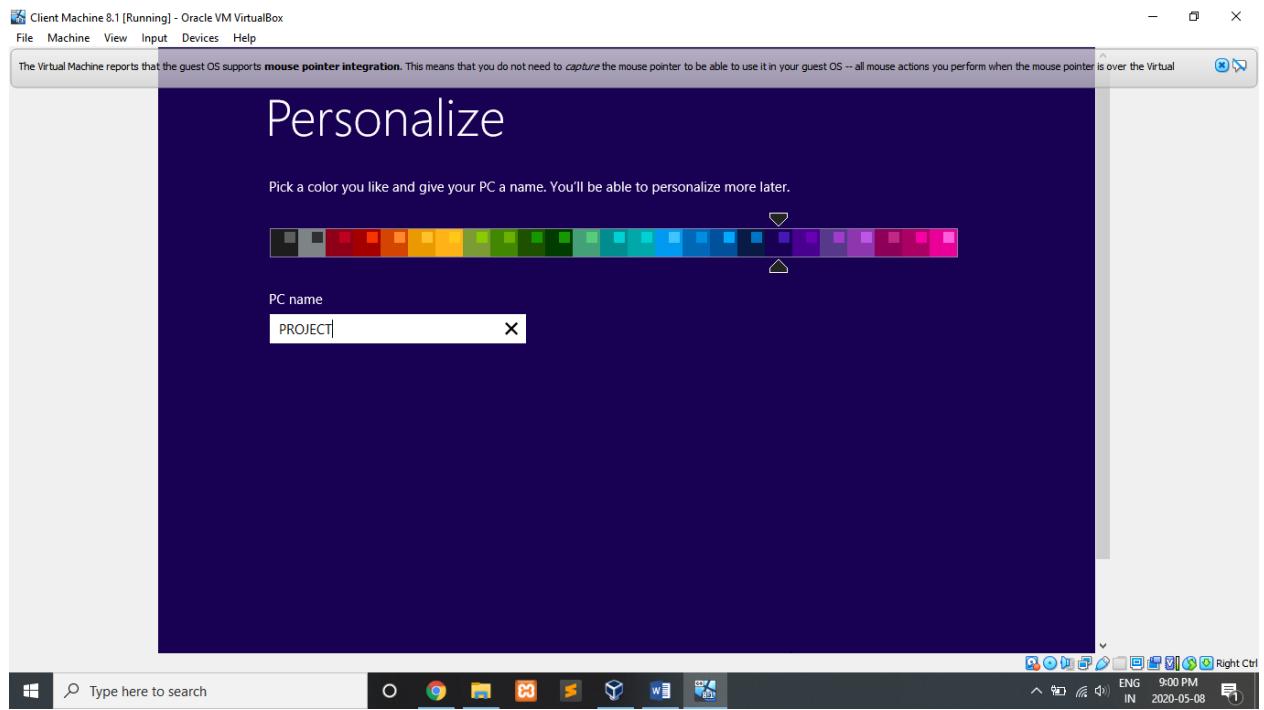
## Step 11: Choose memory capacity and location as system needs



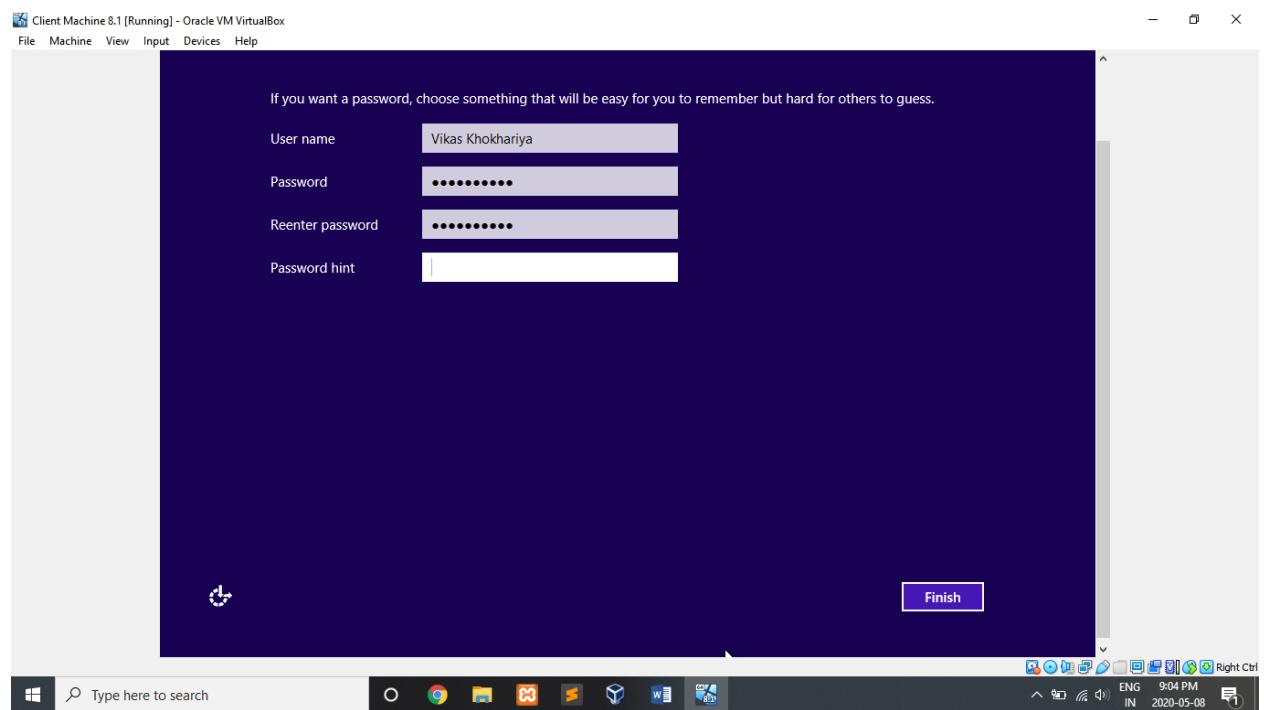
## Step 12: Installing



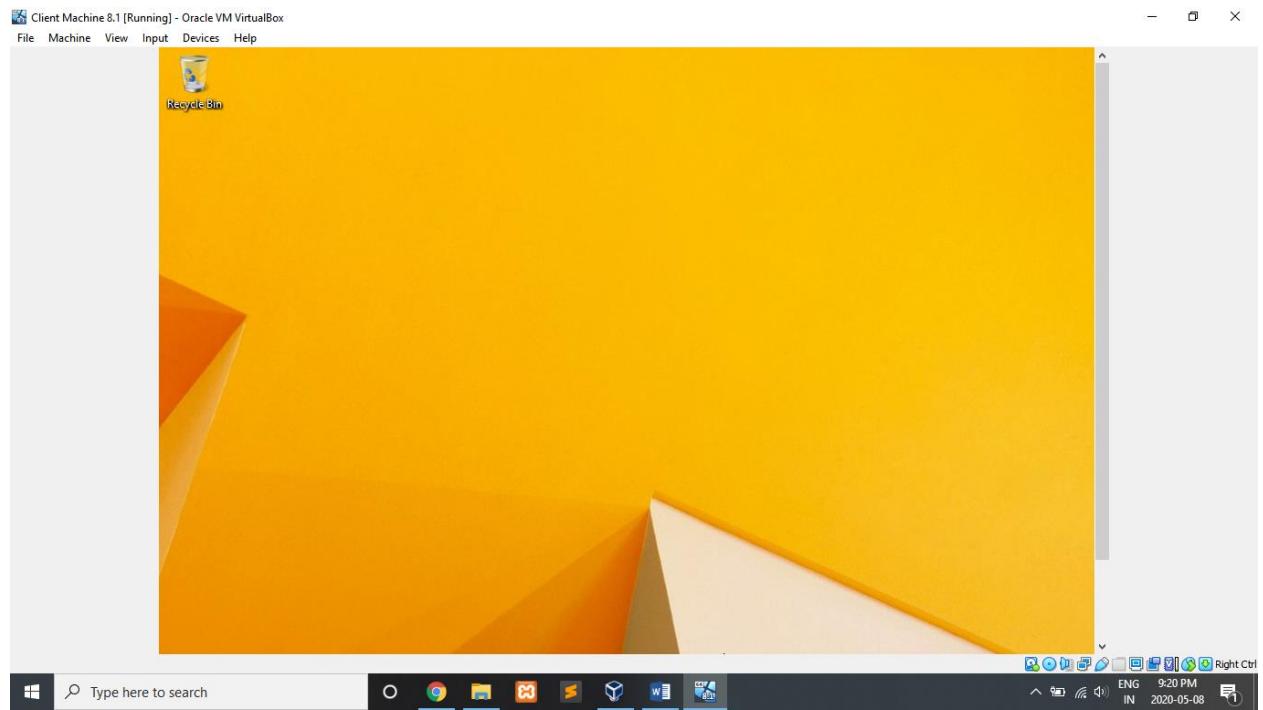
## Step 13: Create PC name – Project



## Step 14: Create username and password



## Step 15: Installation Completed

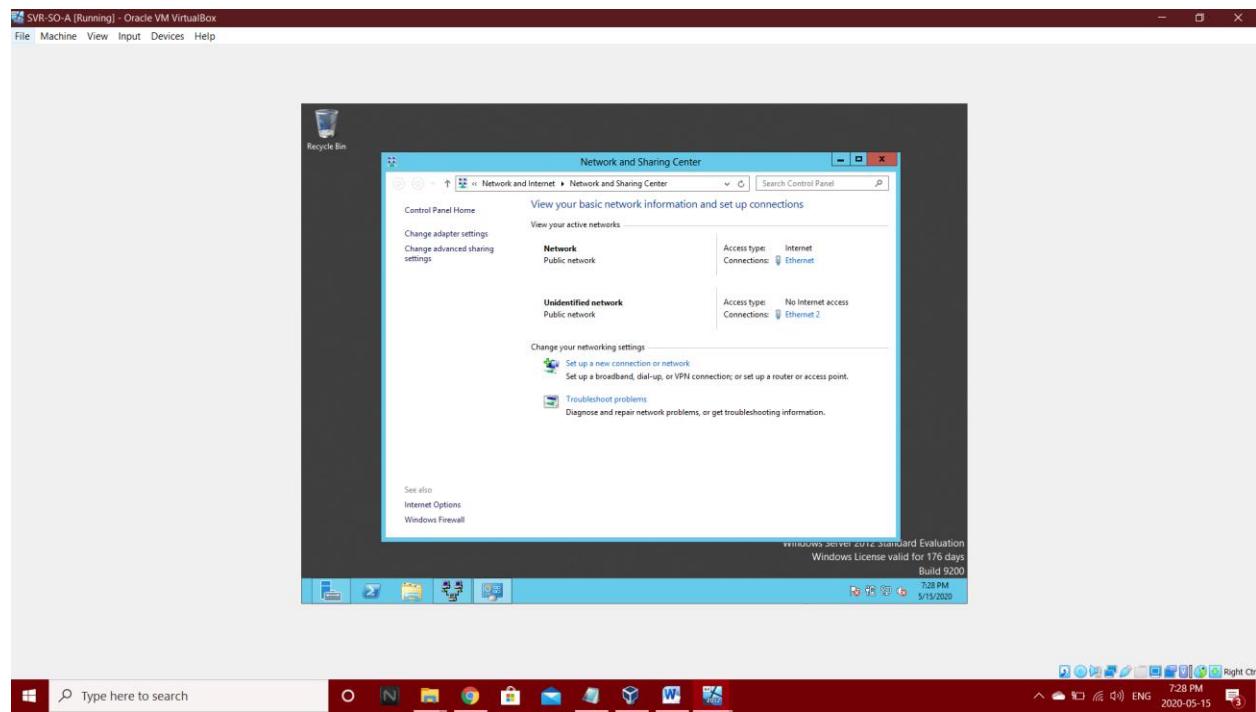


# Chapter 3 : System Configurations

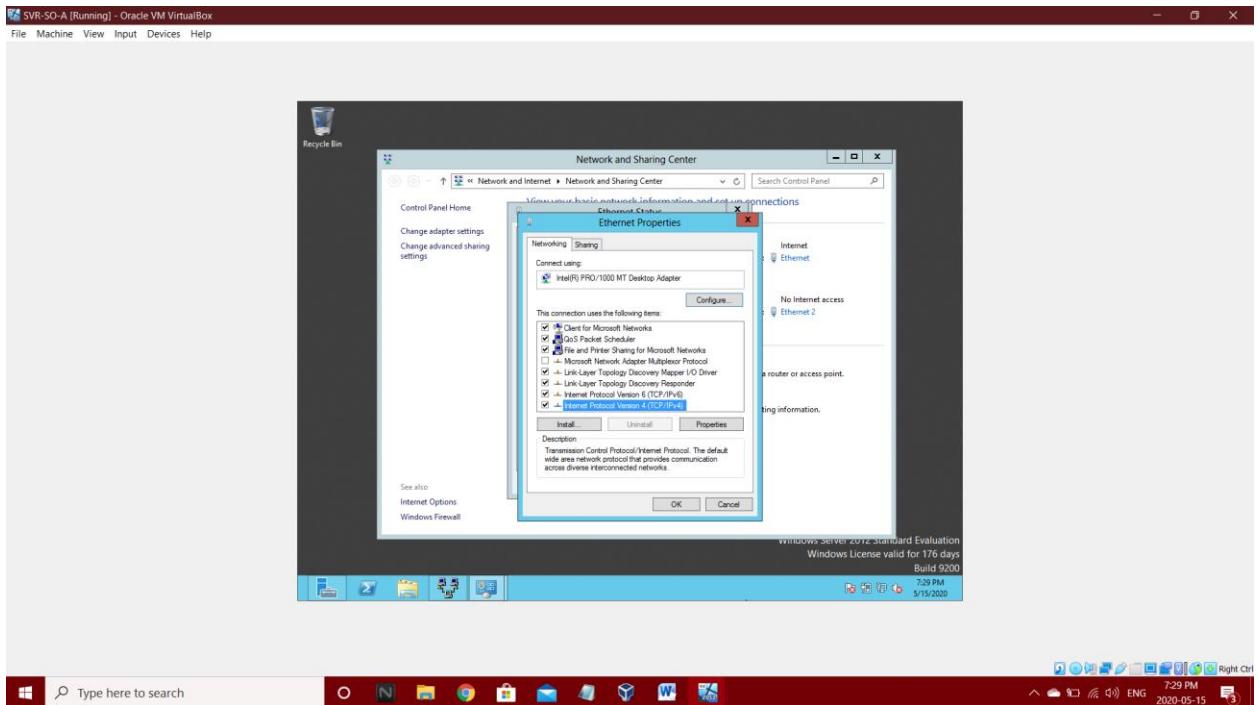
## 3.1 IP Configuration

### 3.1.1 IP Configuration of Router (SVR-SO-A)

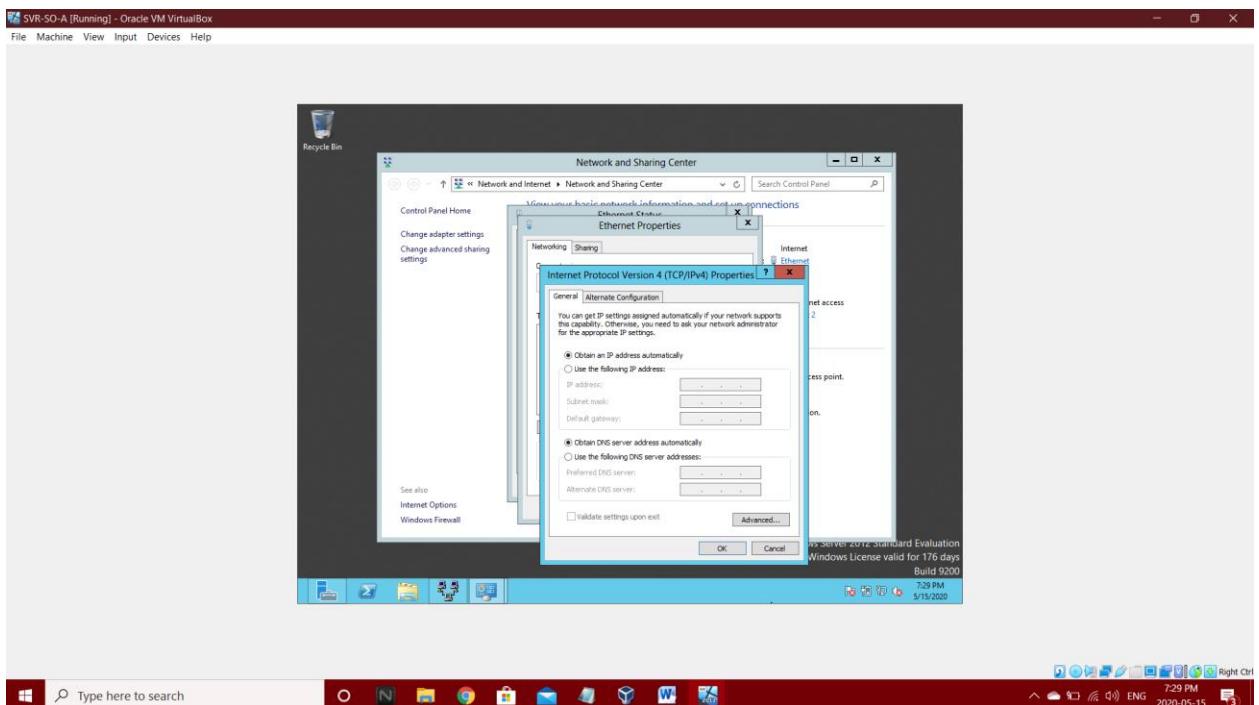
Step 1: Go to Network and sharing Center



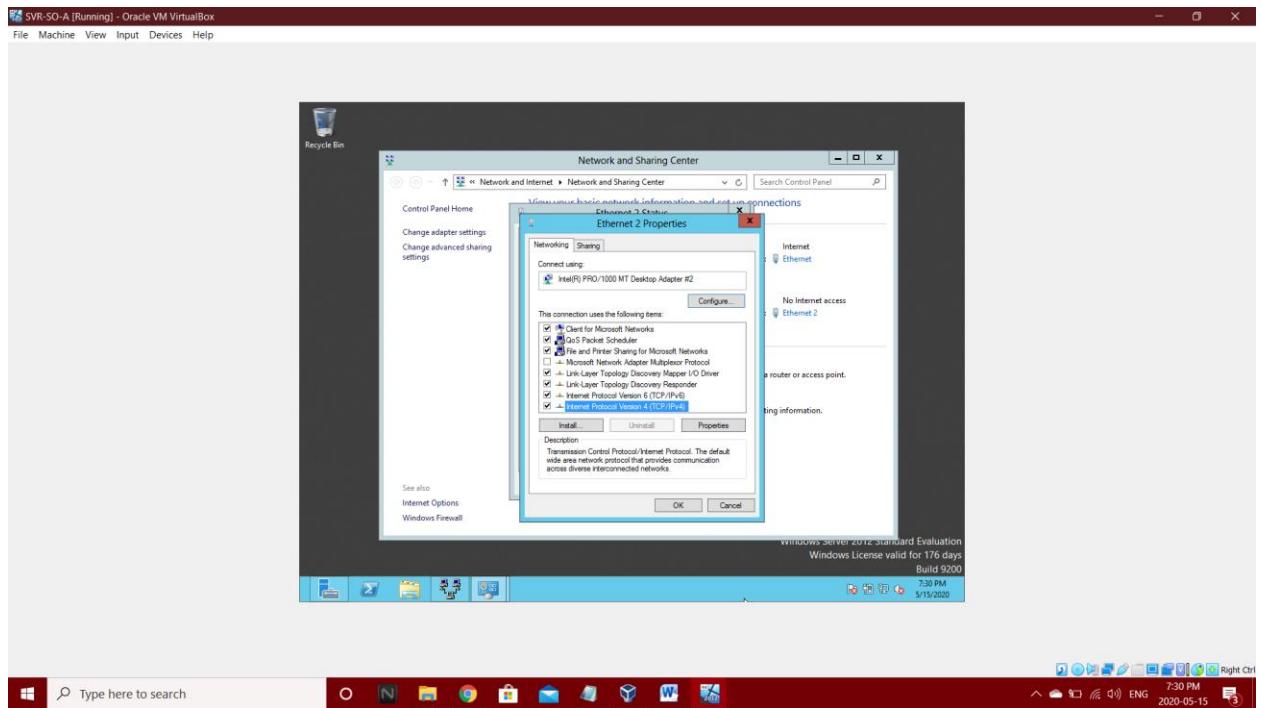
Step 2: Go to Ethernet and then select Internet Protocol version 4(TCP/IPv4)



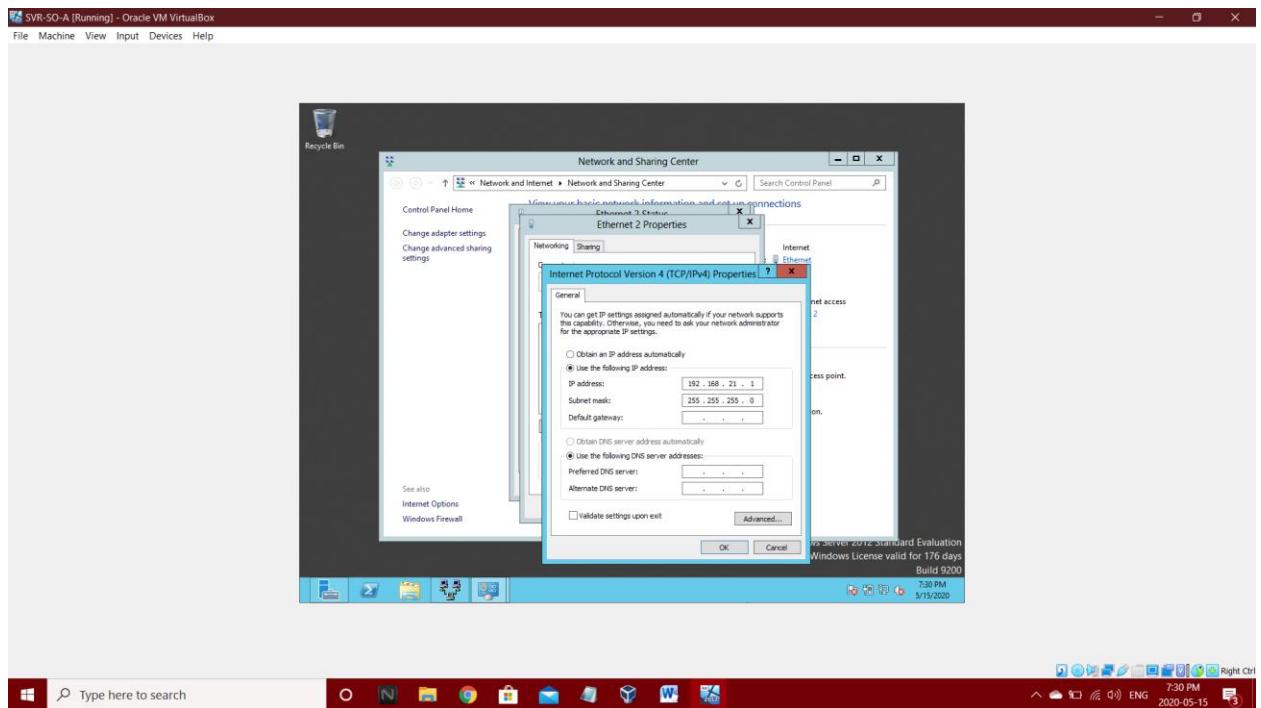
Step 3: select obtain an IP address automatically



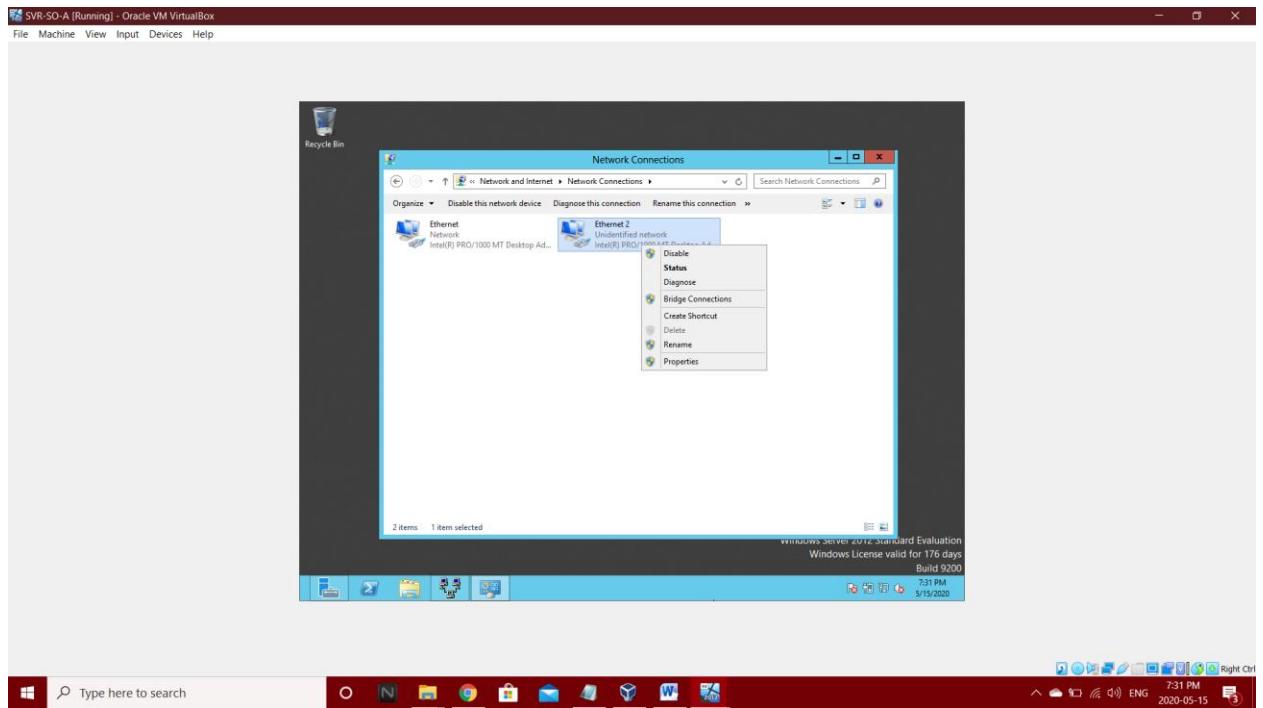
#### Step 4: Select Ethernet 2 and select Internet protocol Version 4(TCP/IPv4)



#### Step 5: Select Use the following IP address and enter IP address – 192.168.21.1



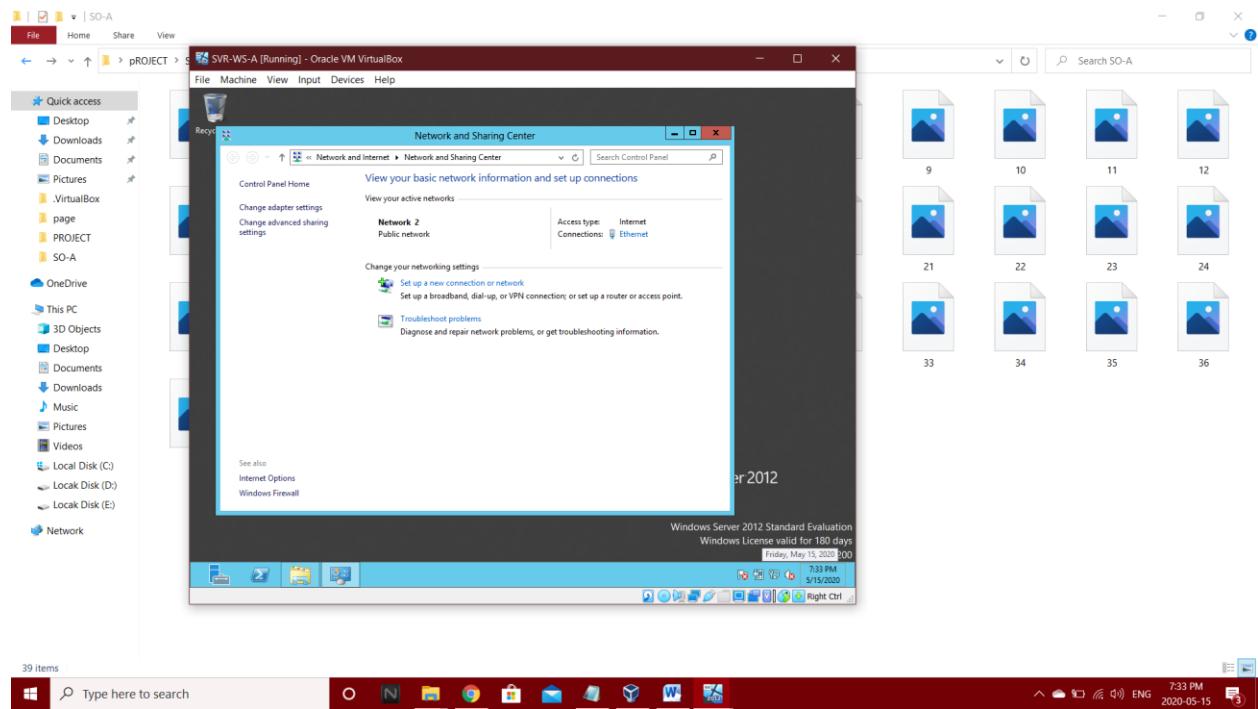
## Step 6: Disable and Enable Ethernet 2



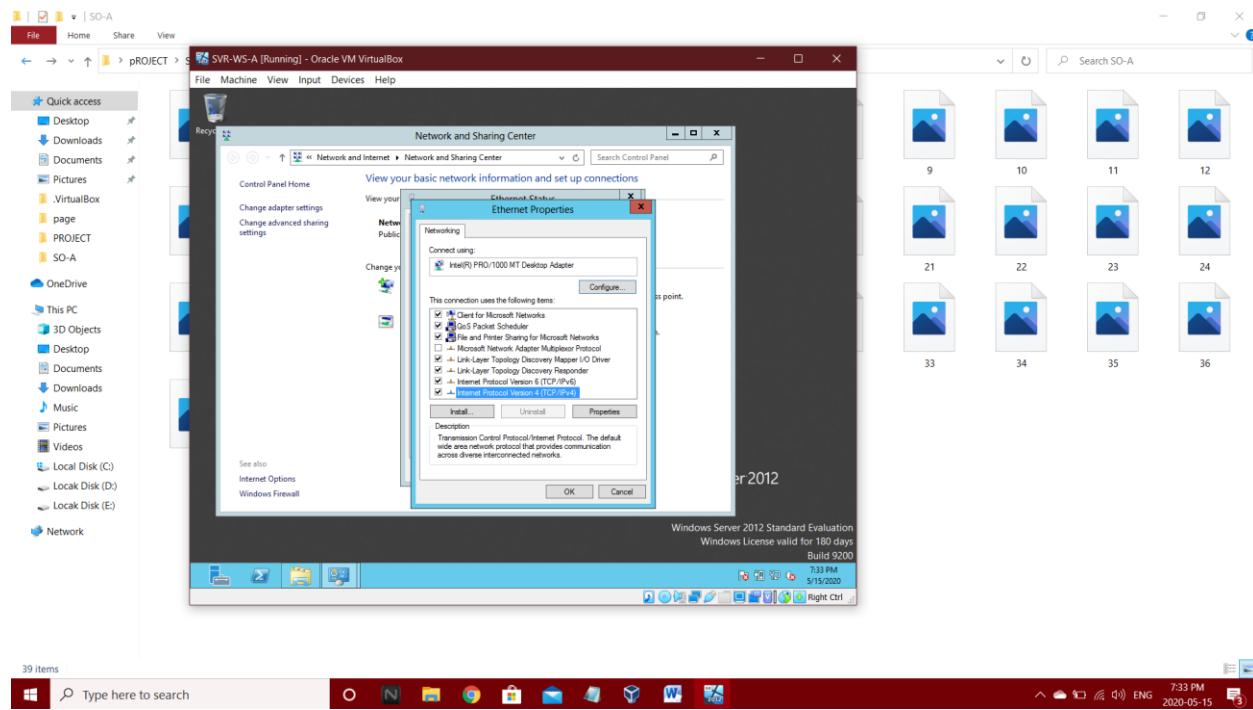
### 3.1.2 IP Configuration of Web-Server (SVR-WS-A)

As we did in SVR-SO-A same we should in SVR-WS-A too.

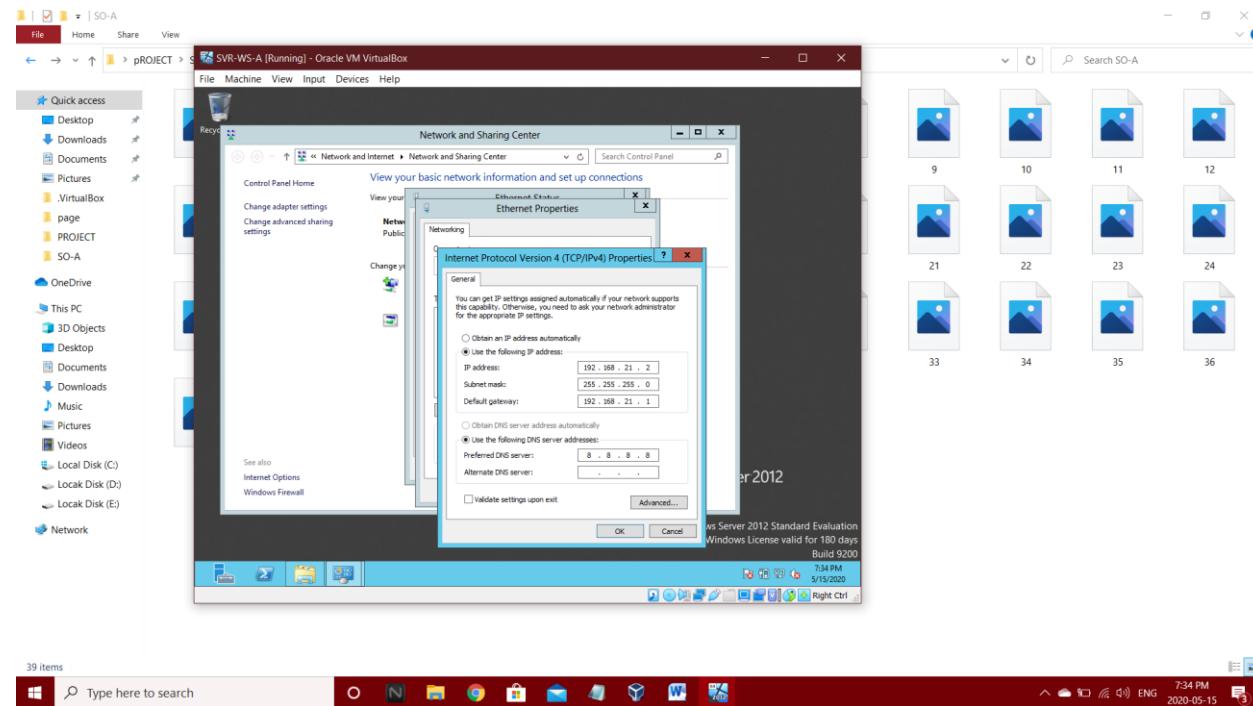
Step 1: Go to network and sharing center.



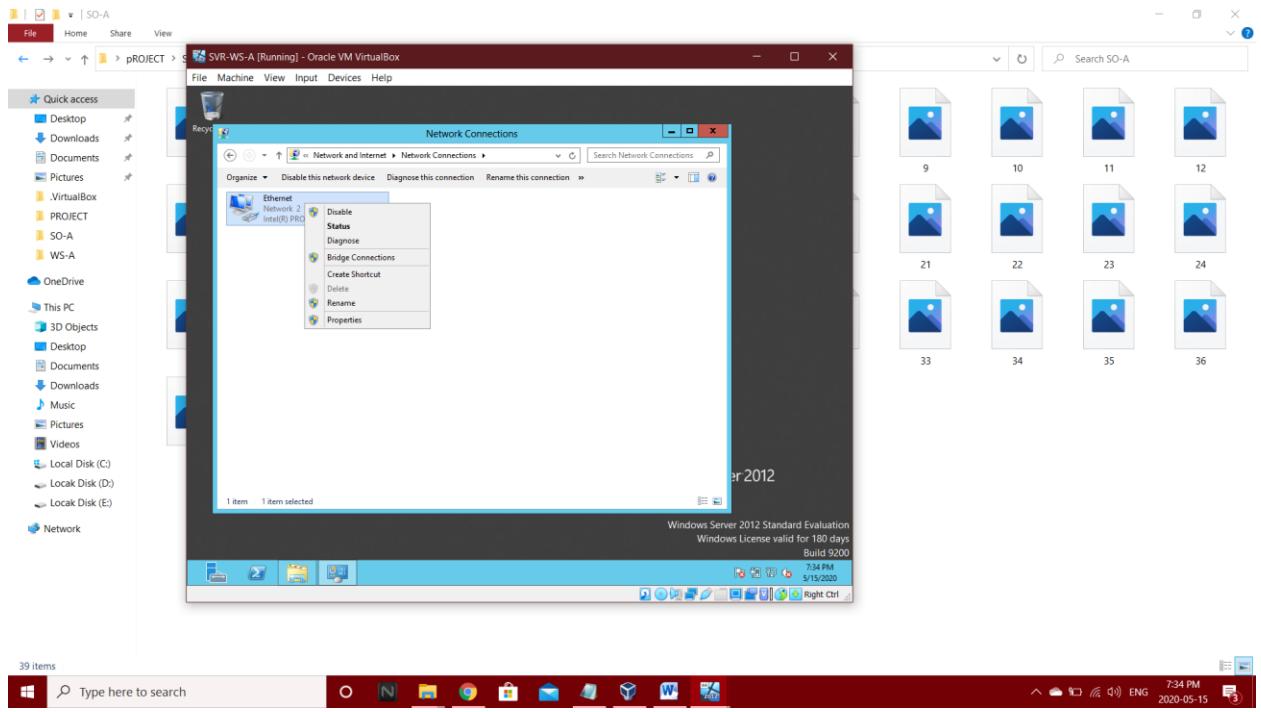
## Step 2: Select Ethernet and go to Internet Protocol version 4(TCP/IPv4)



Step 3: Choose use the following IP address and enter 192.168.21.2 in IP address and 192.168.21.1 in Default Gateway and in Preferred DNS Server enter 8.8.8.8.

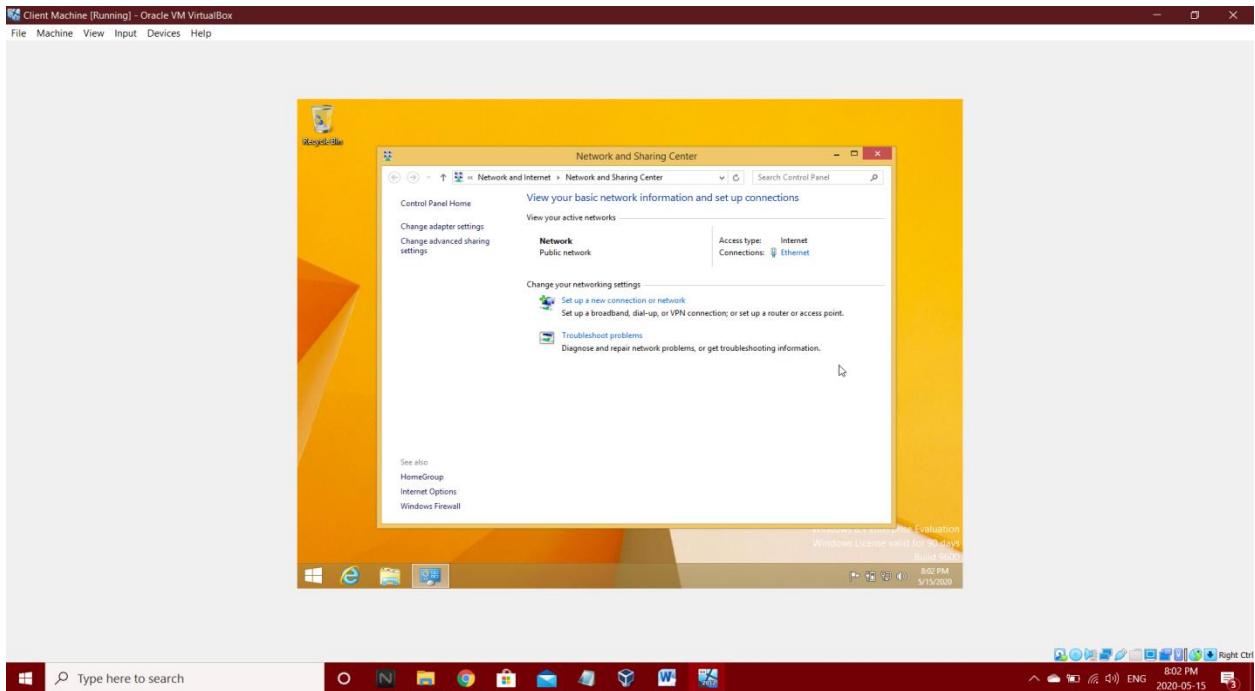


#### Steps 4: Disable and Enable the Ethernet.

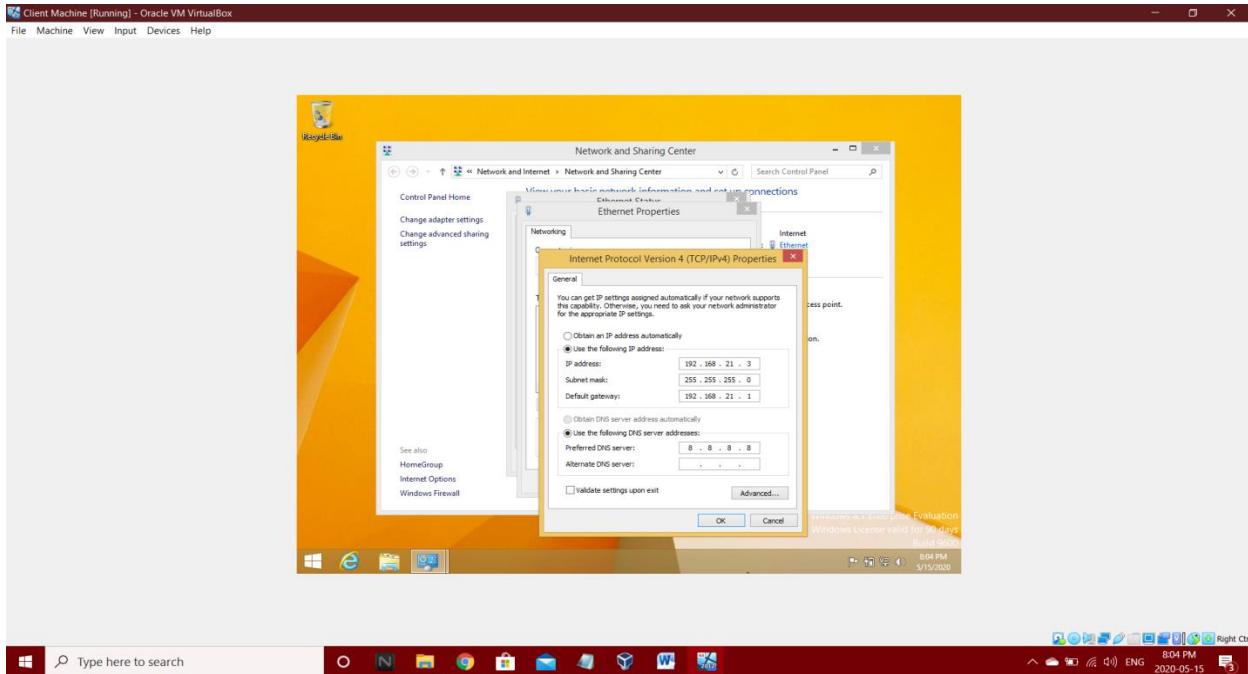


### 3.1.3 IP-Configuration of Client Machine 8.1

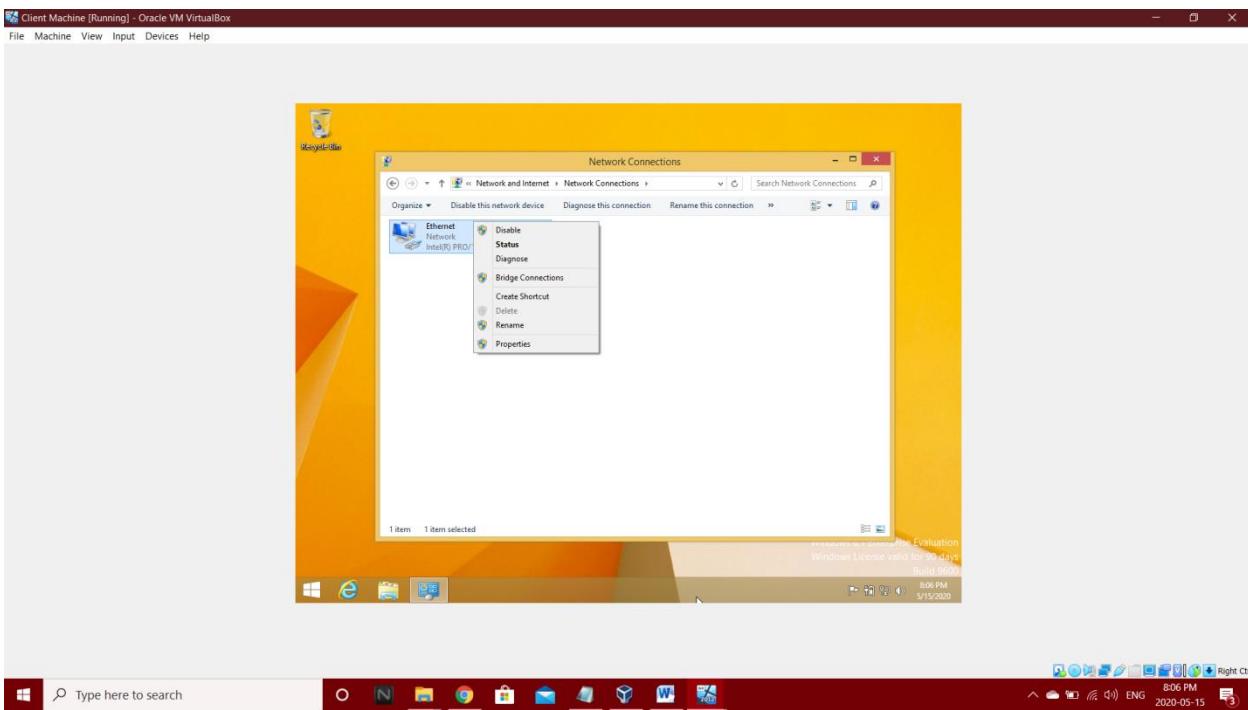
Step 1: Go to network and sharing center



Step 2: Select Ethernet and go to Internet Protocol version 4(TCP/IPv4) and Choose use the following IP address and enter 192.168.21.3 in IP address and 192.168.21.1 in Default Gateway and in Preferred DNS Server enter 8.8.8.8.



Step 3 - Disable and Enable the Ethernet.

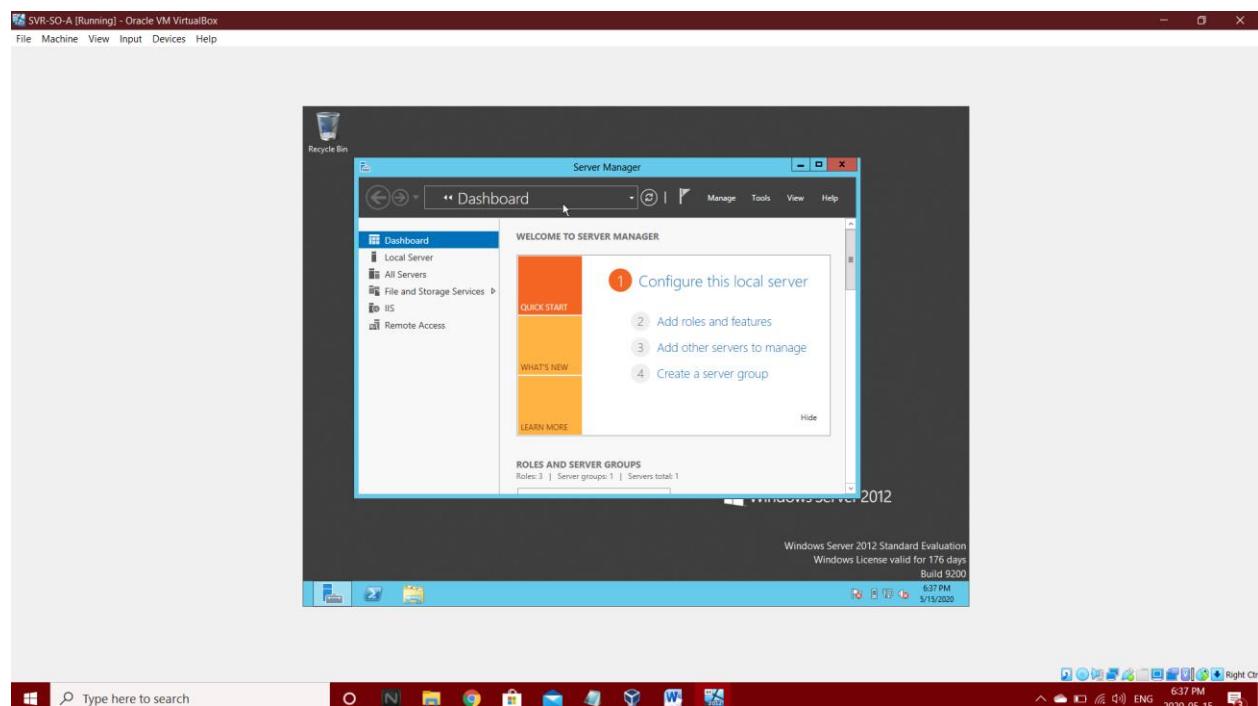


## 3.2 Network Setup and Configurations

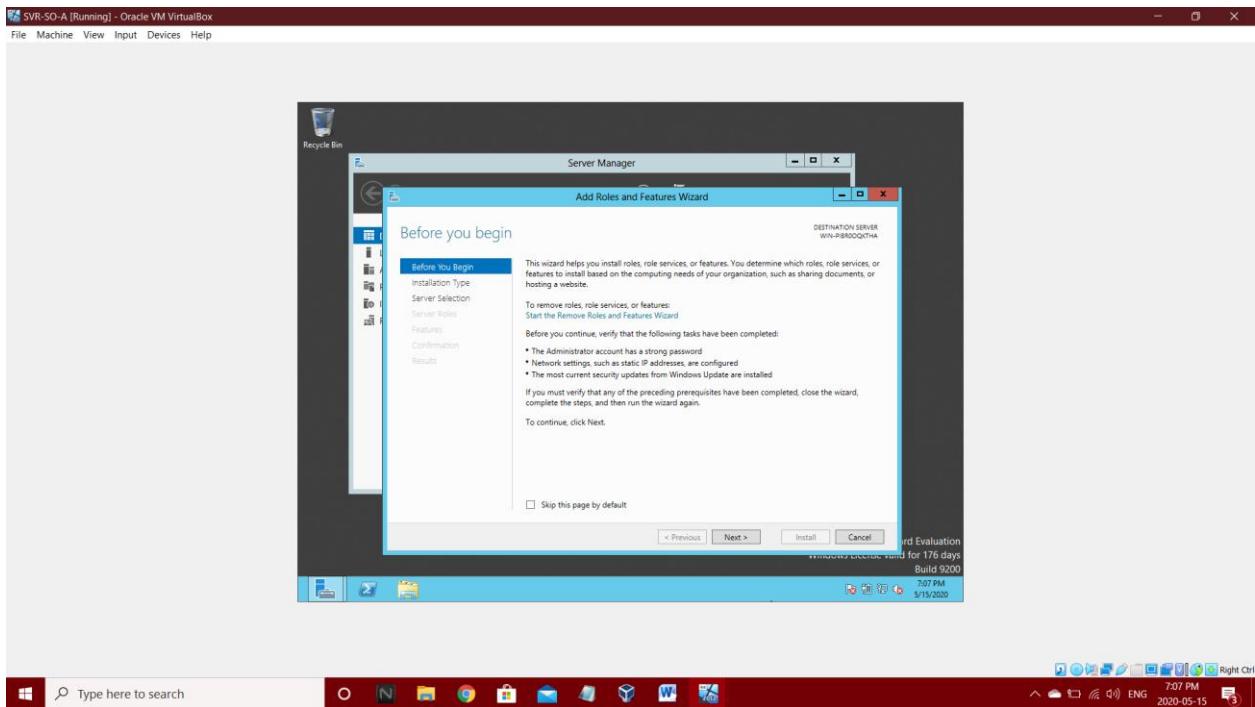
### 3.2.1 Network Setup and Configurations of Router (SVR-SO-A)

#### 3.2.1.1 Add Roles and Features:

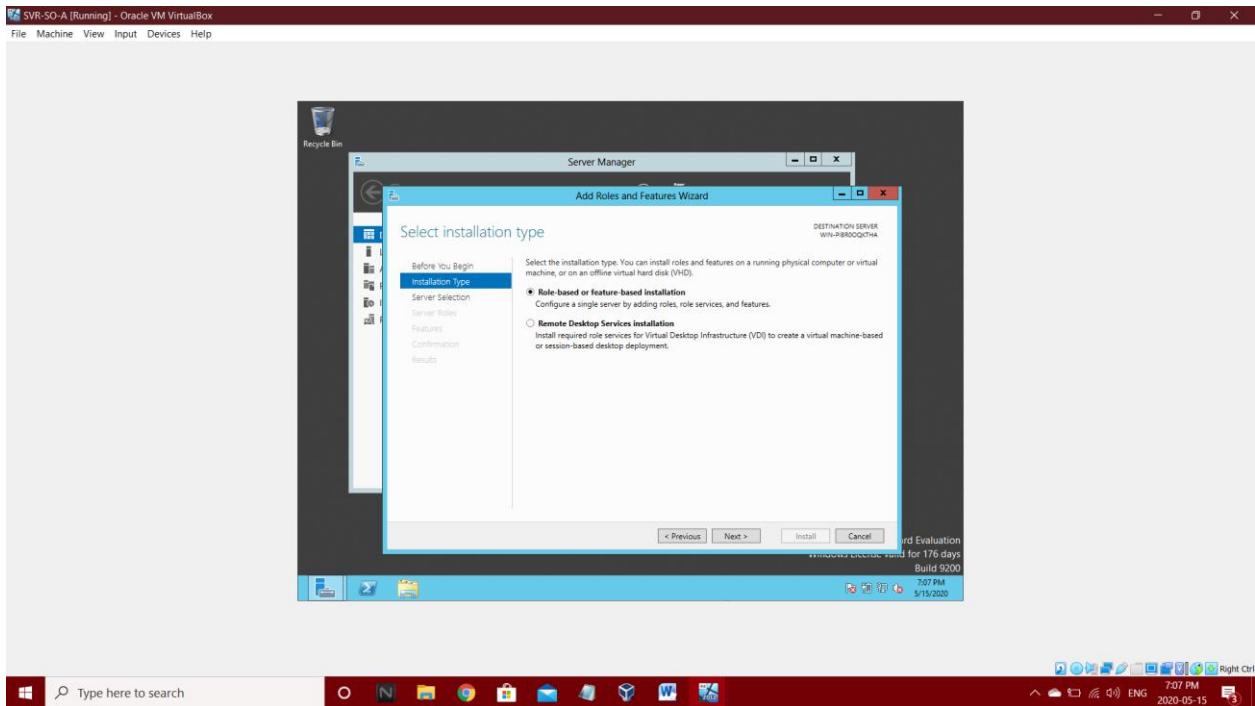
Step 1: Go to Dashboard and select Add roles and features



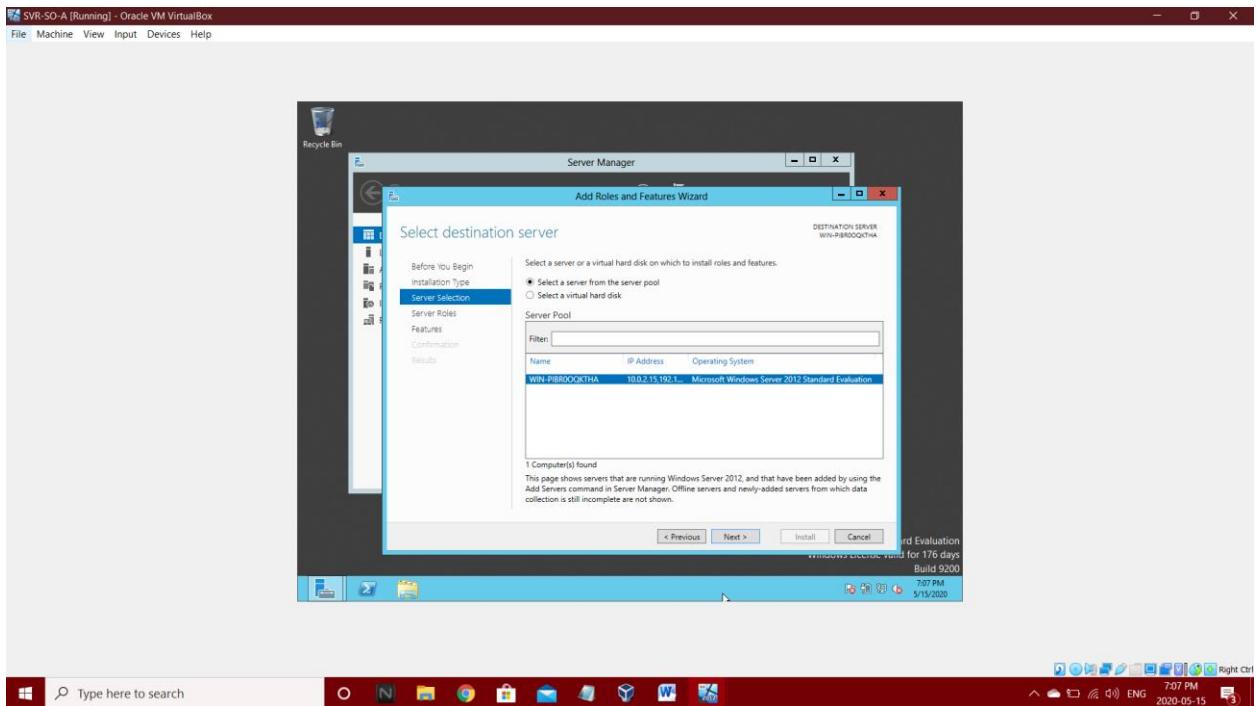
## Step 2: Setup Add Roles and features (Before you begin)



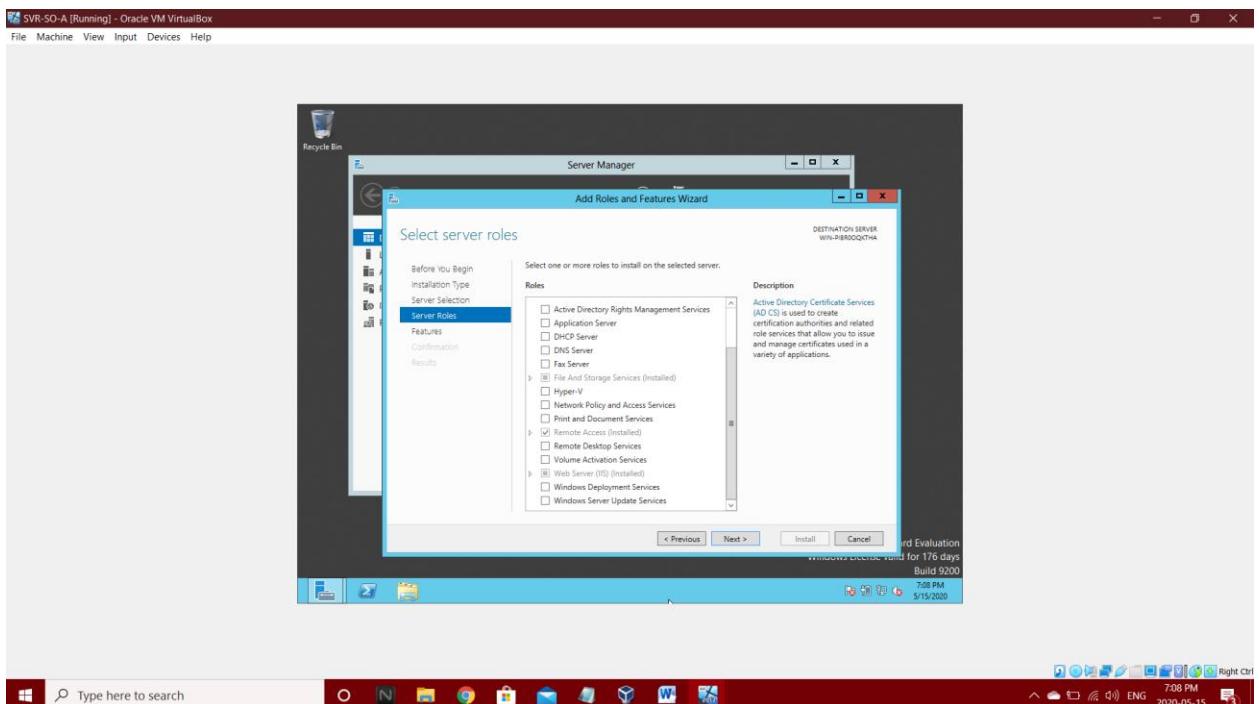
## Step 3: Select Role-based and press next



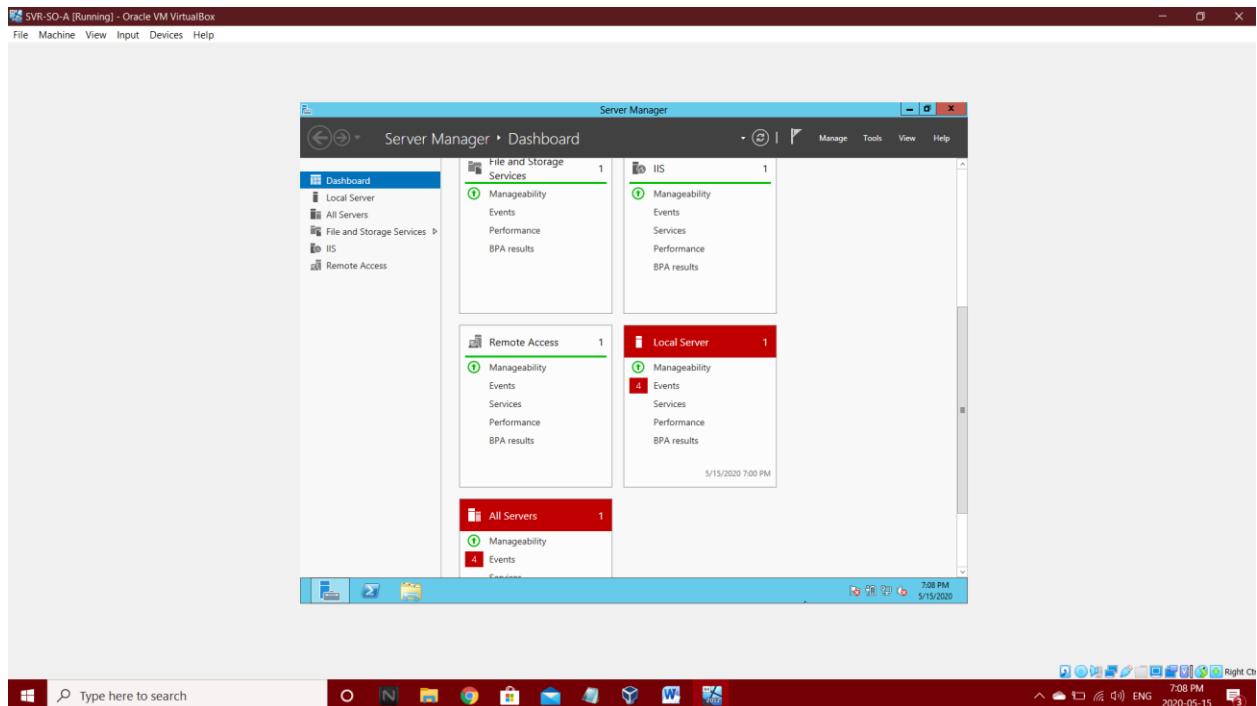
## Step 4: Select a server from the server pool and press next



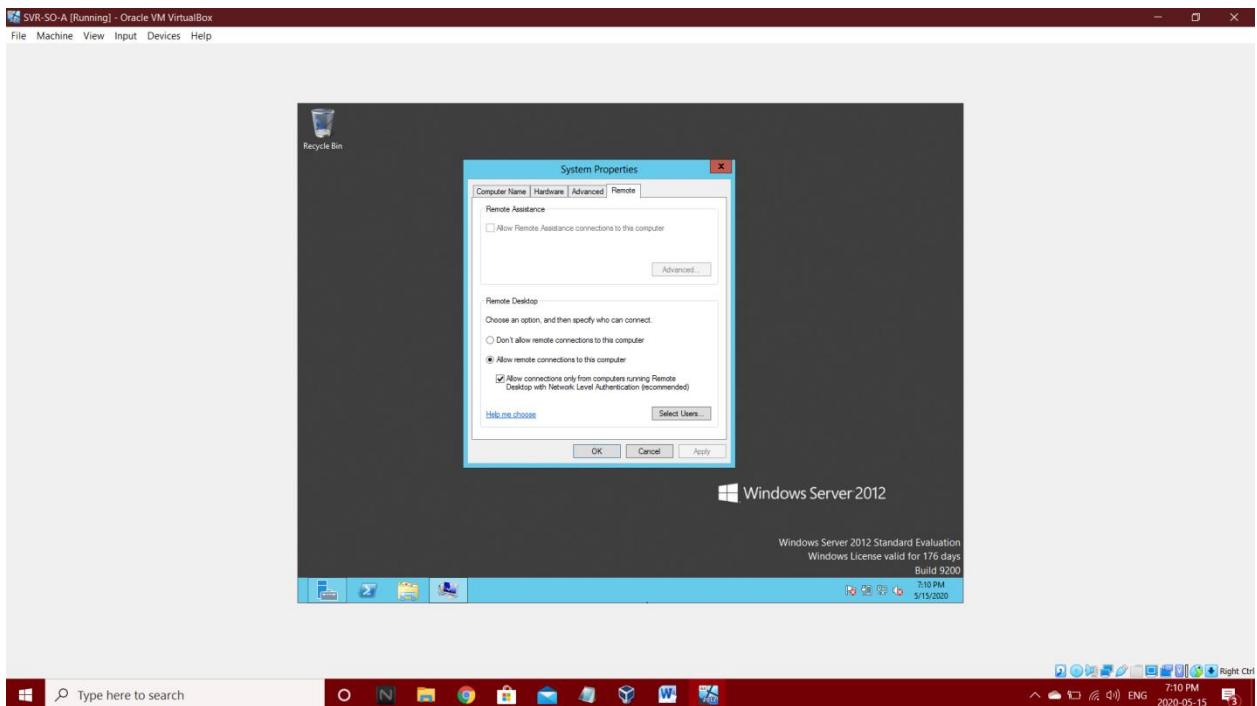
## Step 5: Select Next



## Step 6: Competed Dashboard

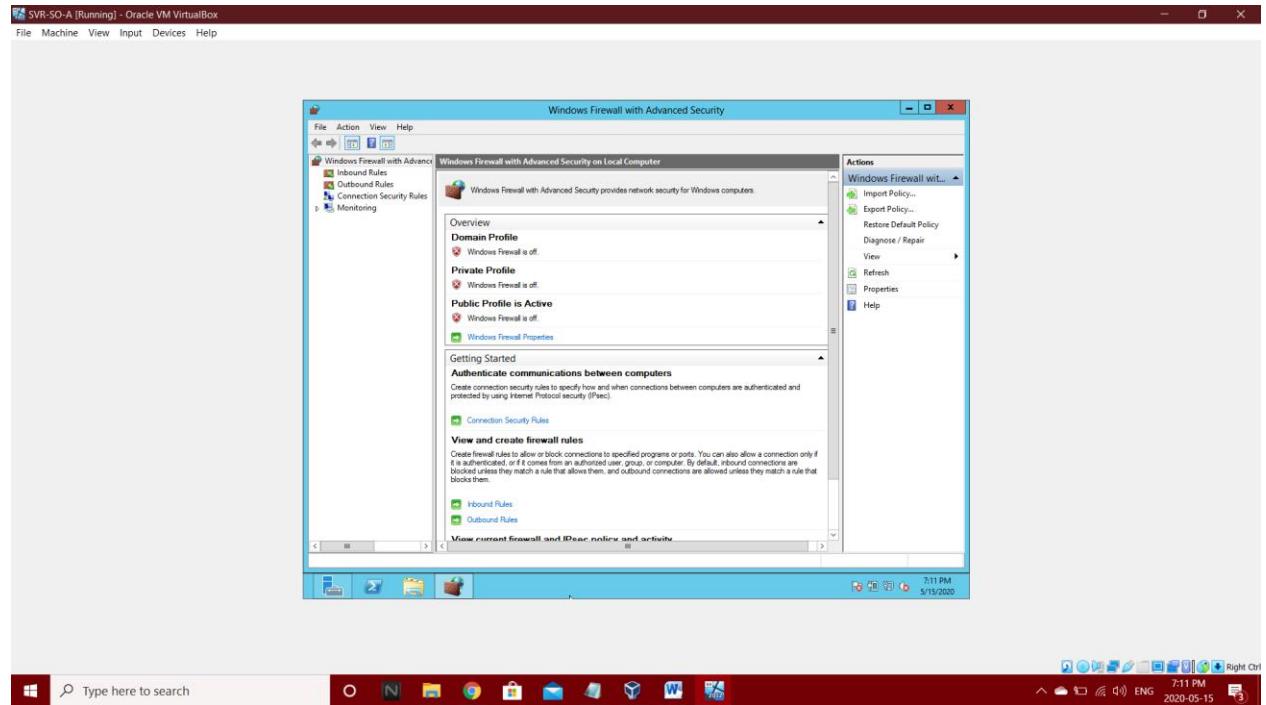


## Step 7: Allow remote connections

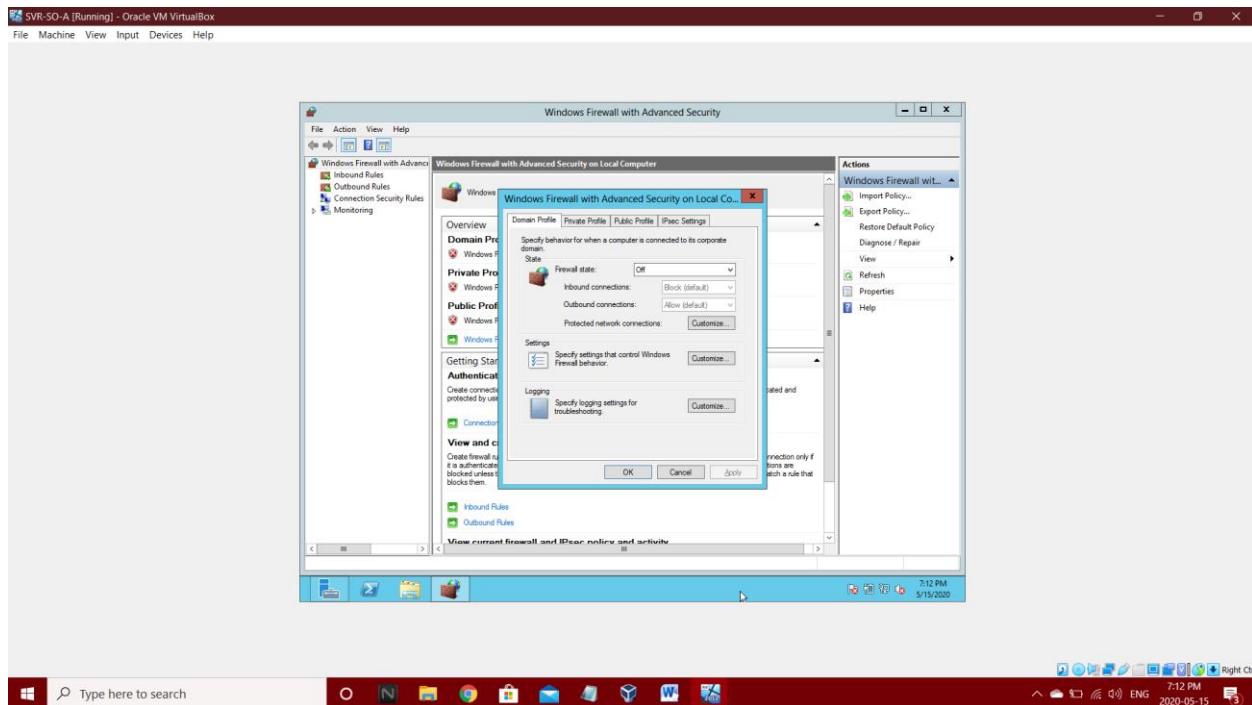


### 3.2.1.2 Add Inbound Rules

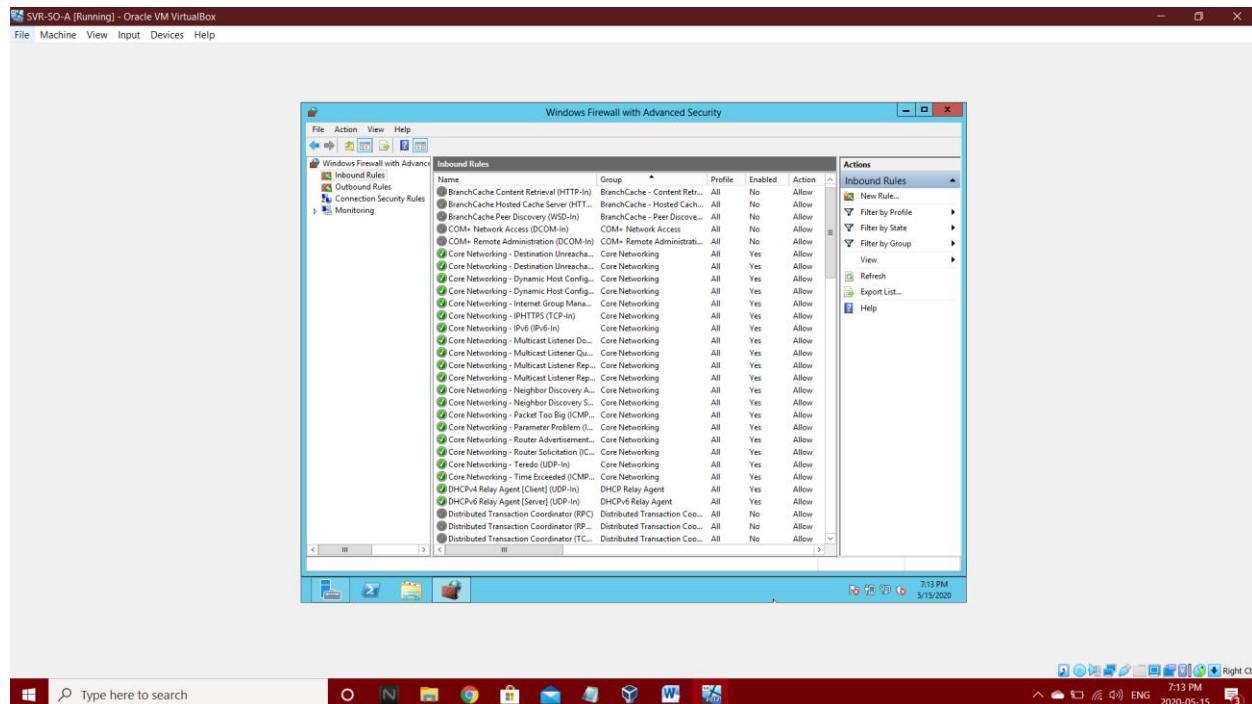
#### Step 1: Inbound Rules



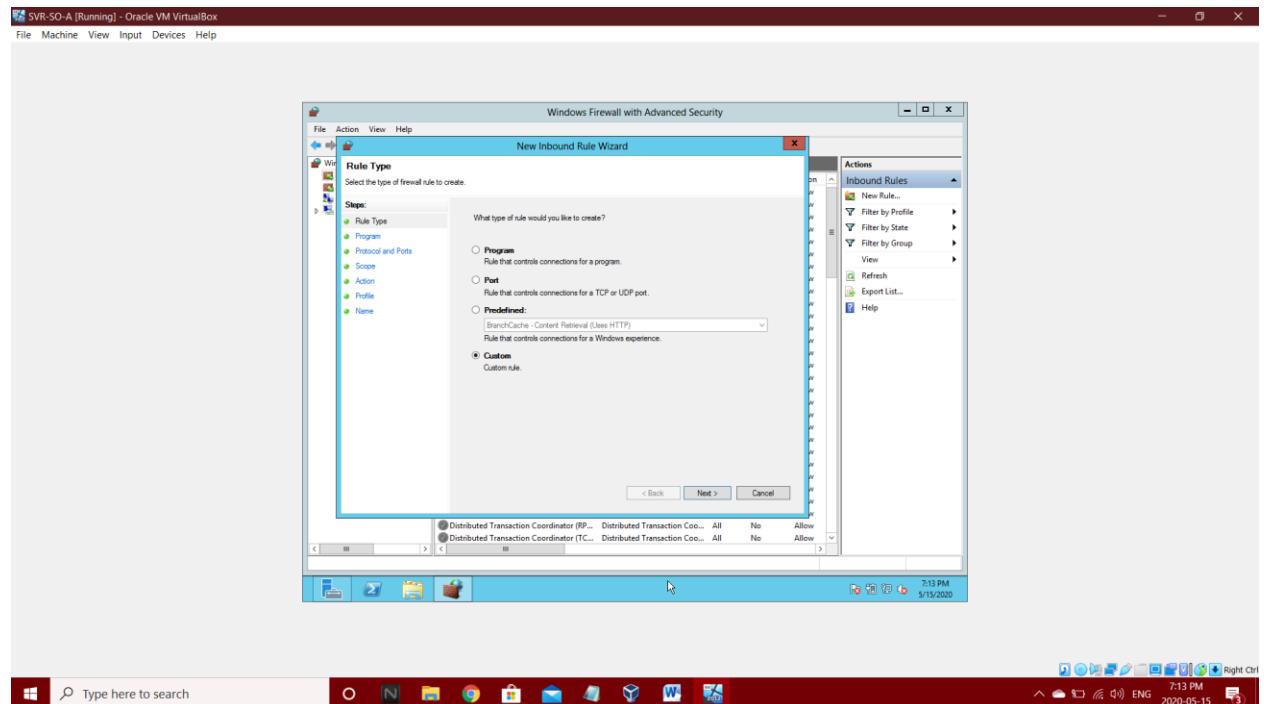
## Step 2: select Ok in Domain Profile



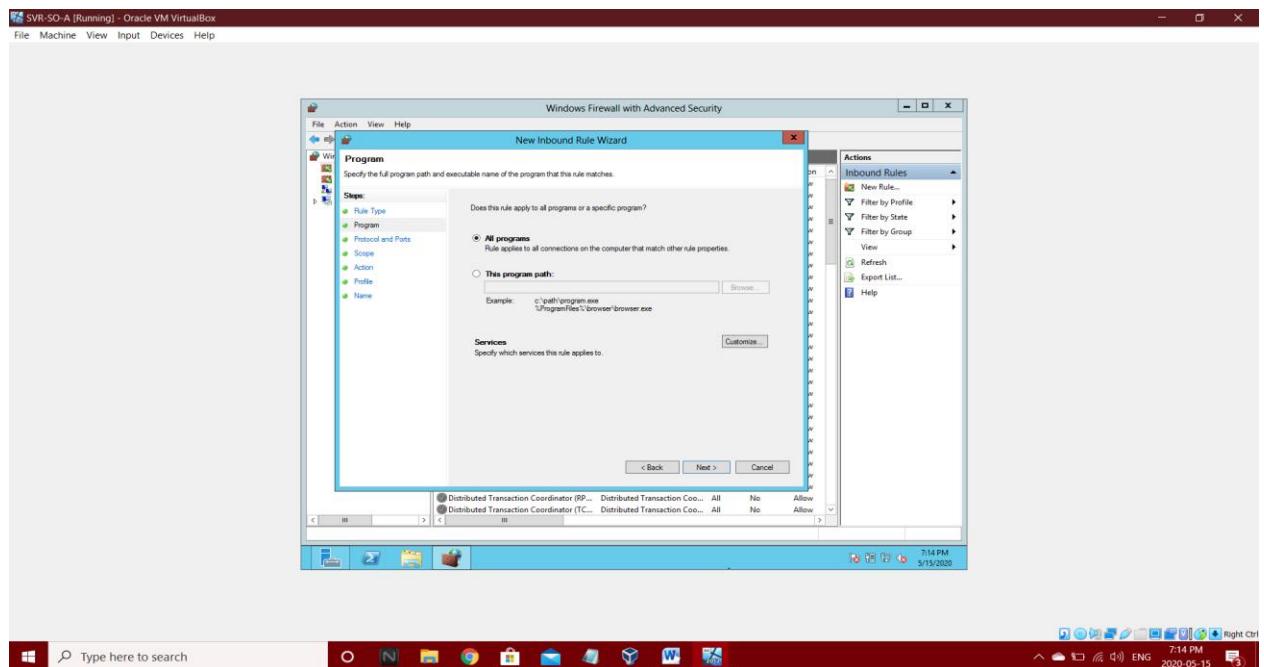
## Step 3: Select Inbound Rules



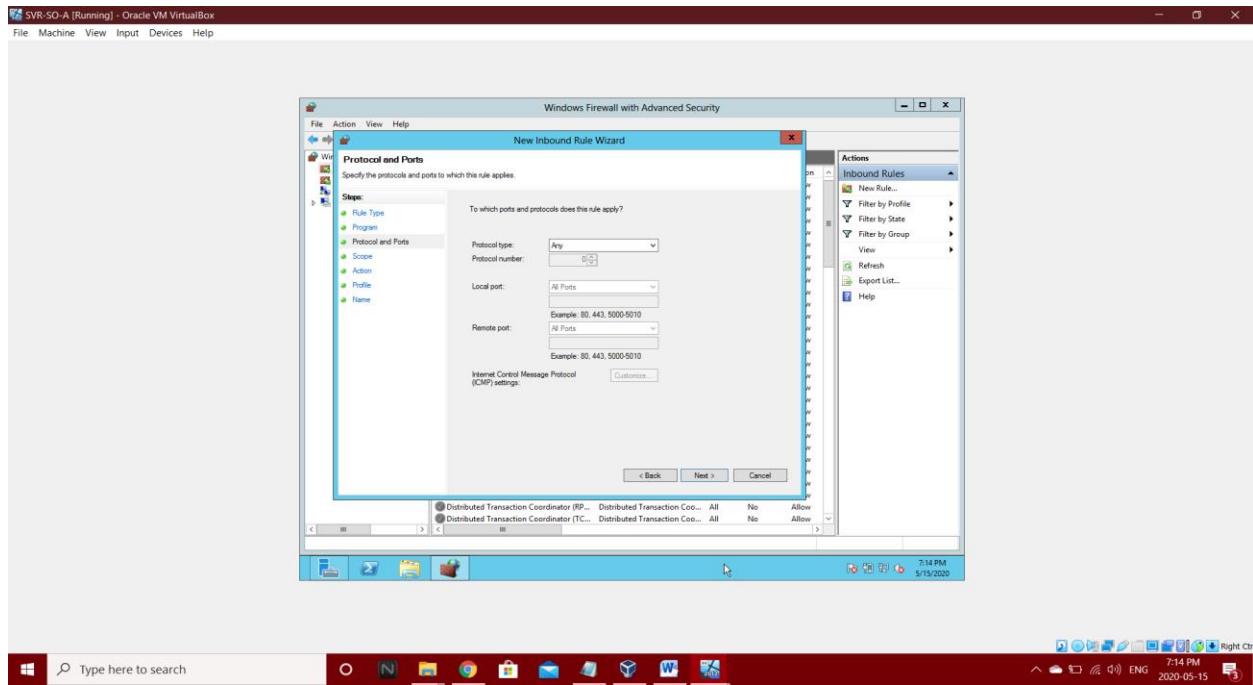
#### Step 4: Select New Inbound Rule and select Custom



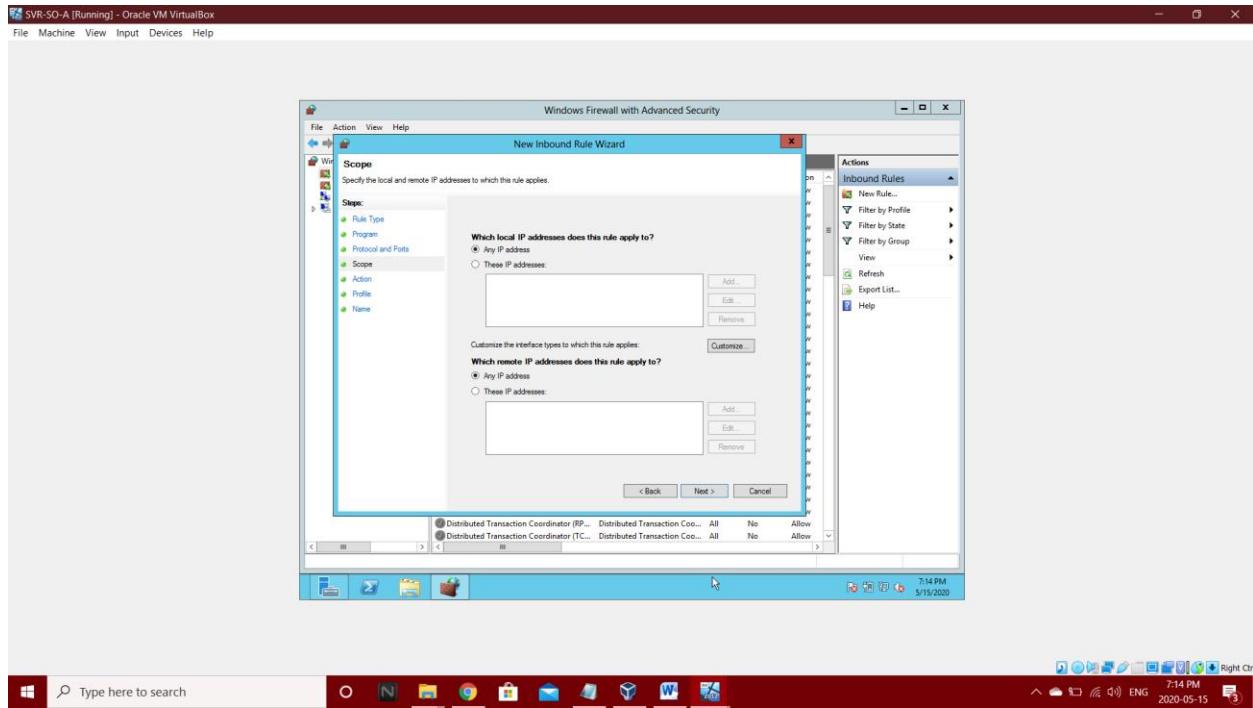
#### Step 5: Select all programs and go to Next



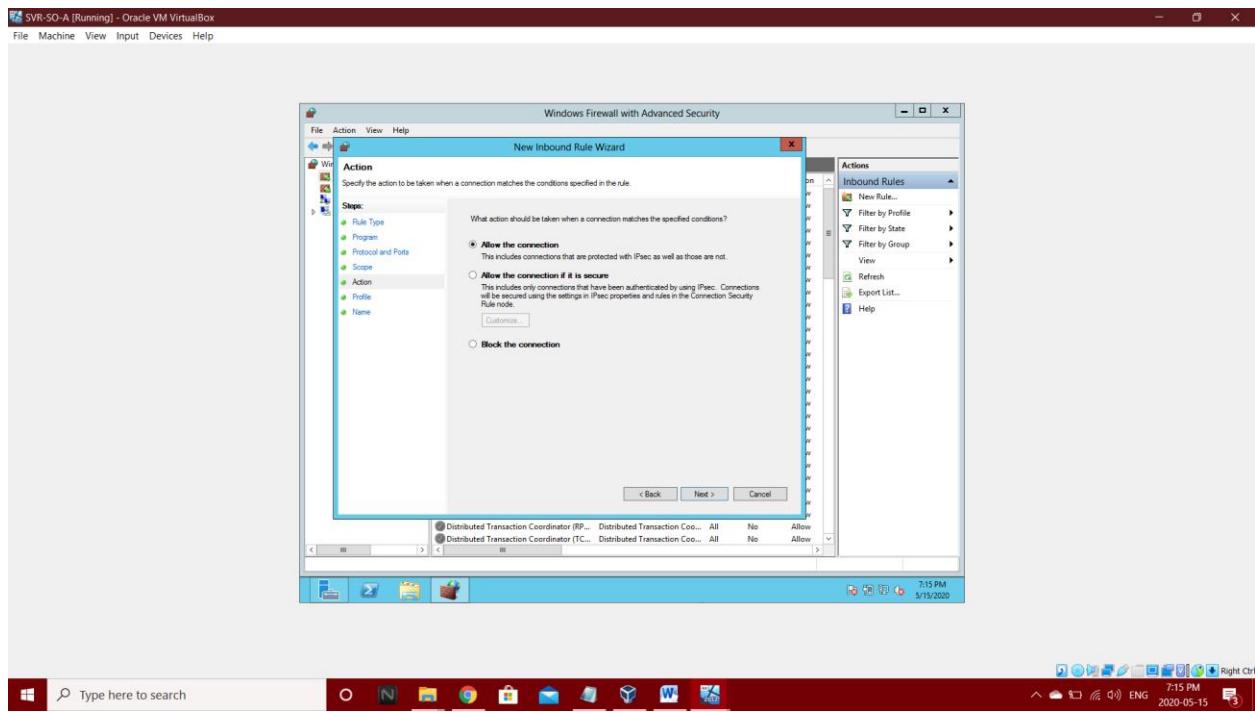
## Step 6: Go to Next in Protocol and ports



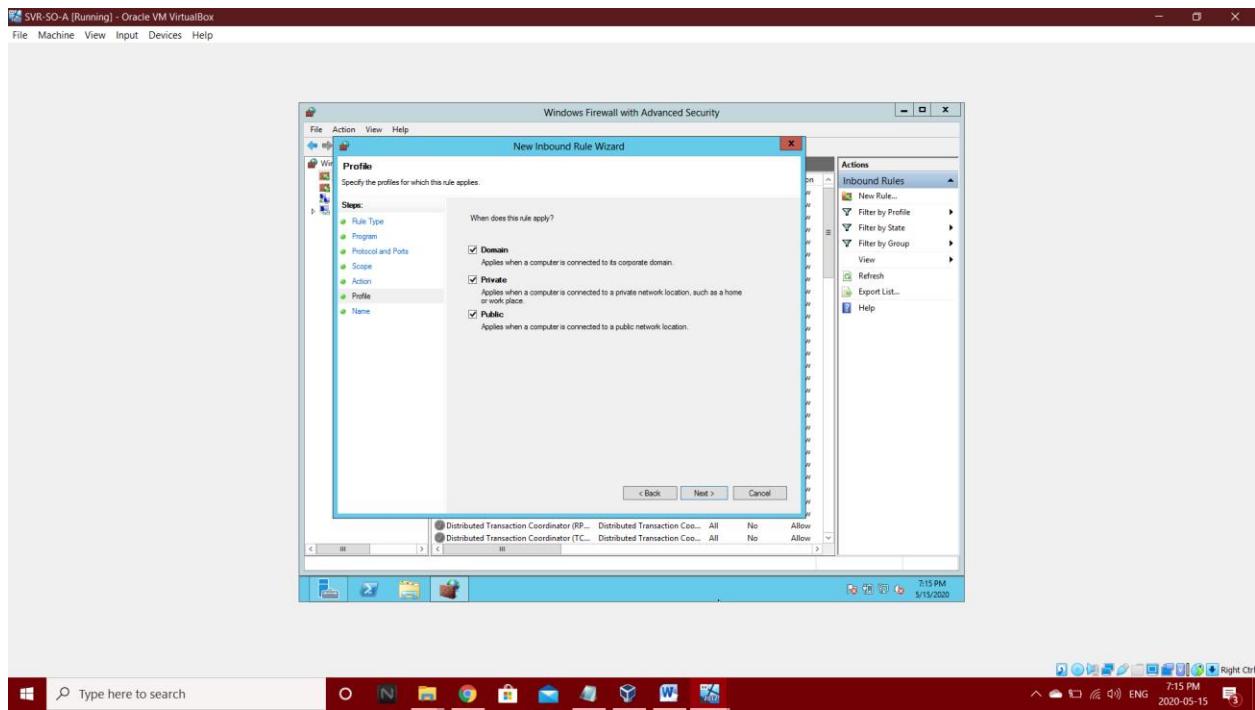
## Step 7: Select Any IP Address in Scope and go for Next.



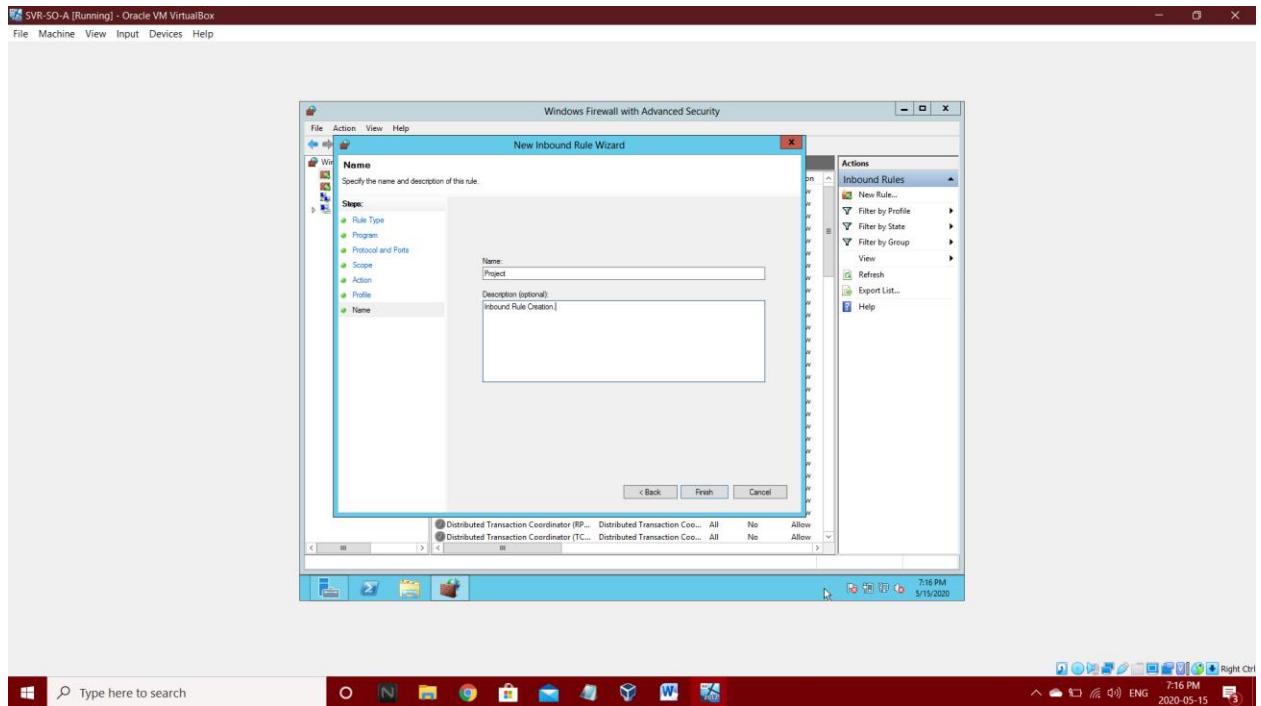
Step 8: Select allow the connections in Action and go to next



Step 9: Select Domain, Private, and Public in profile and go to next.

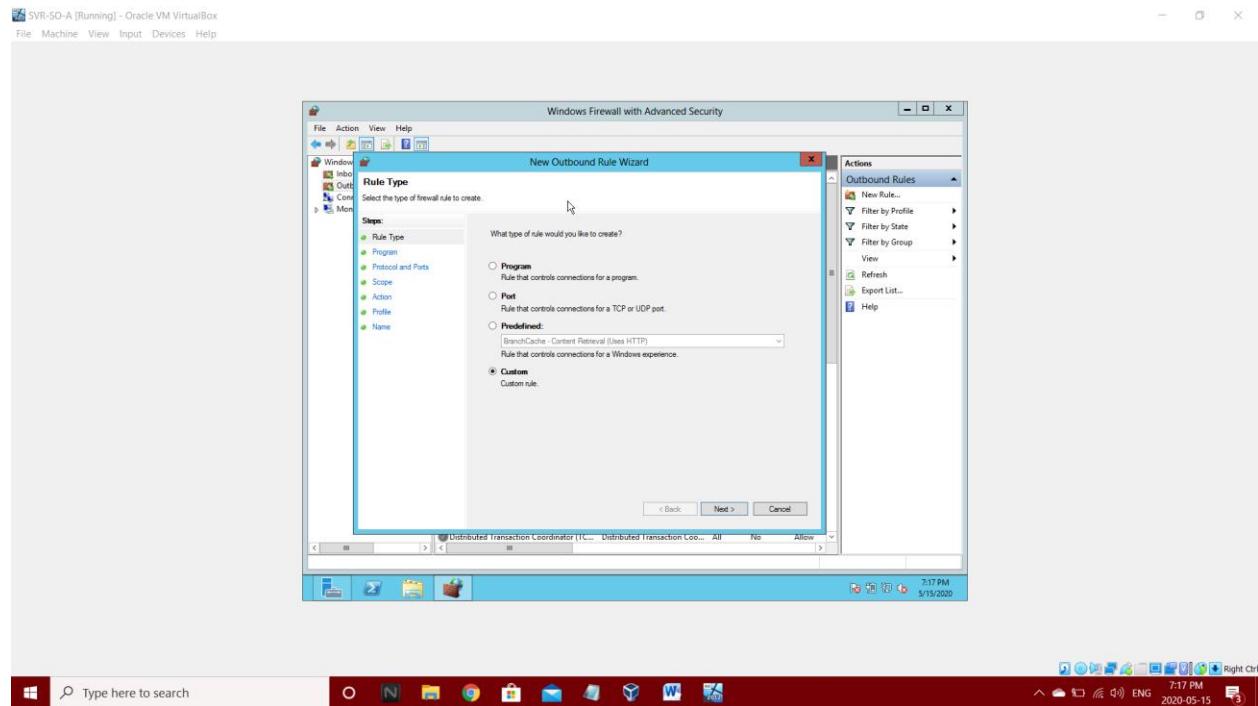


## Step 10: Create Name Project and then Finish

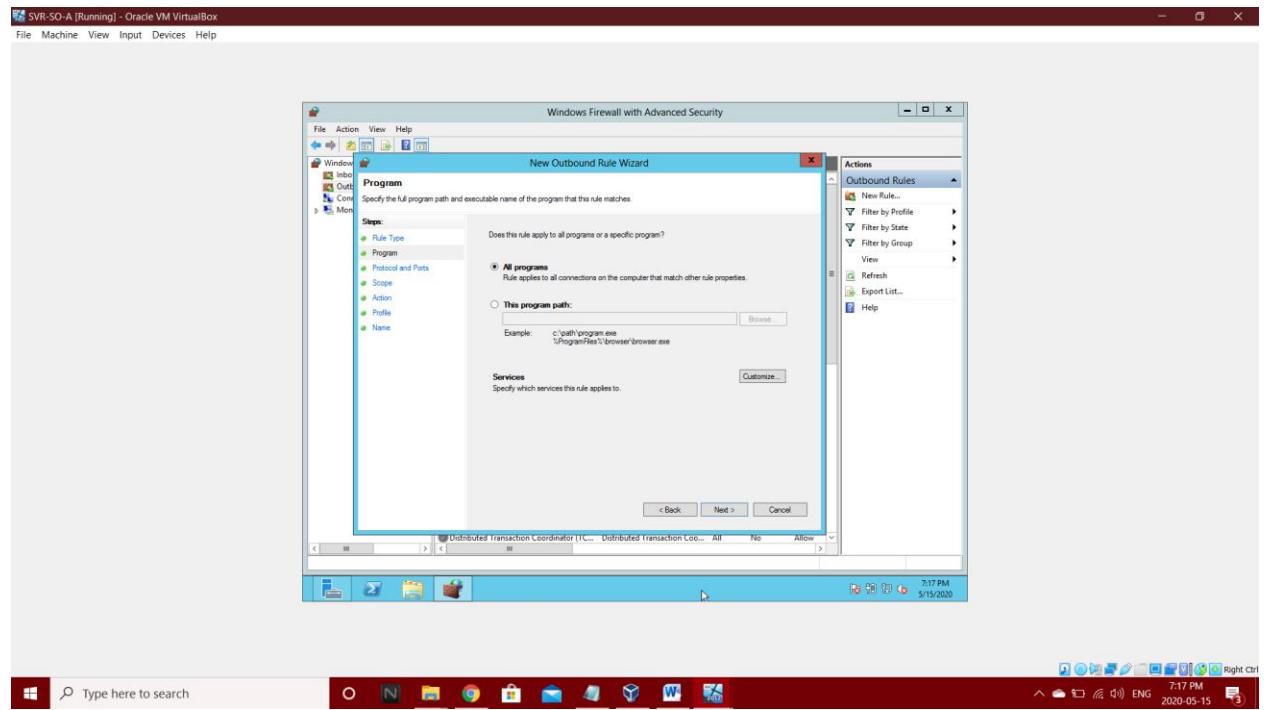


### 3.2.1.3 Add Outbound Rules:

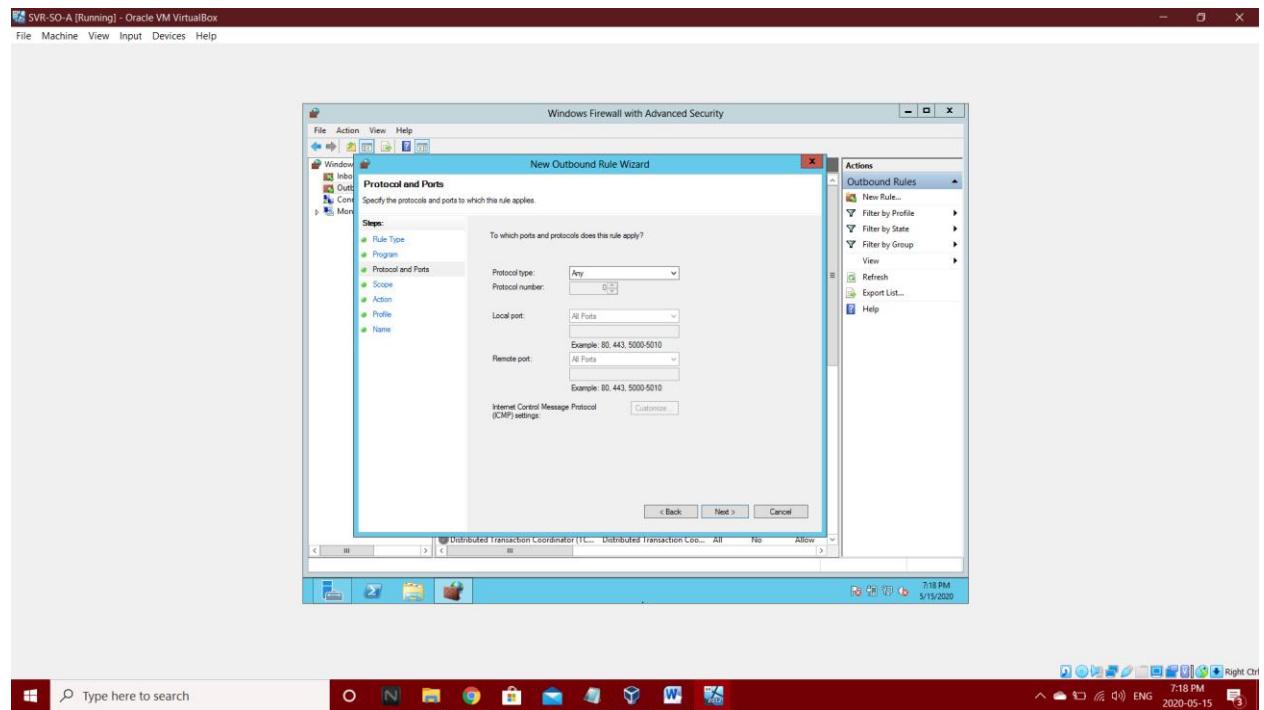
Step 1: Go to Outbound Rules and select custom



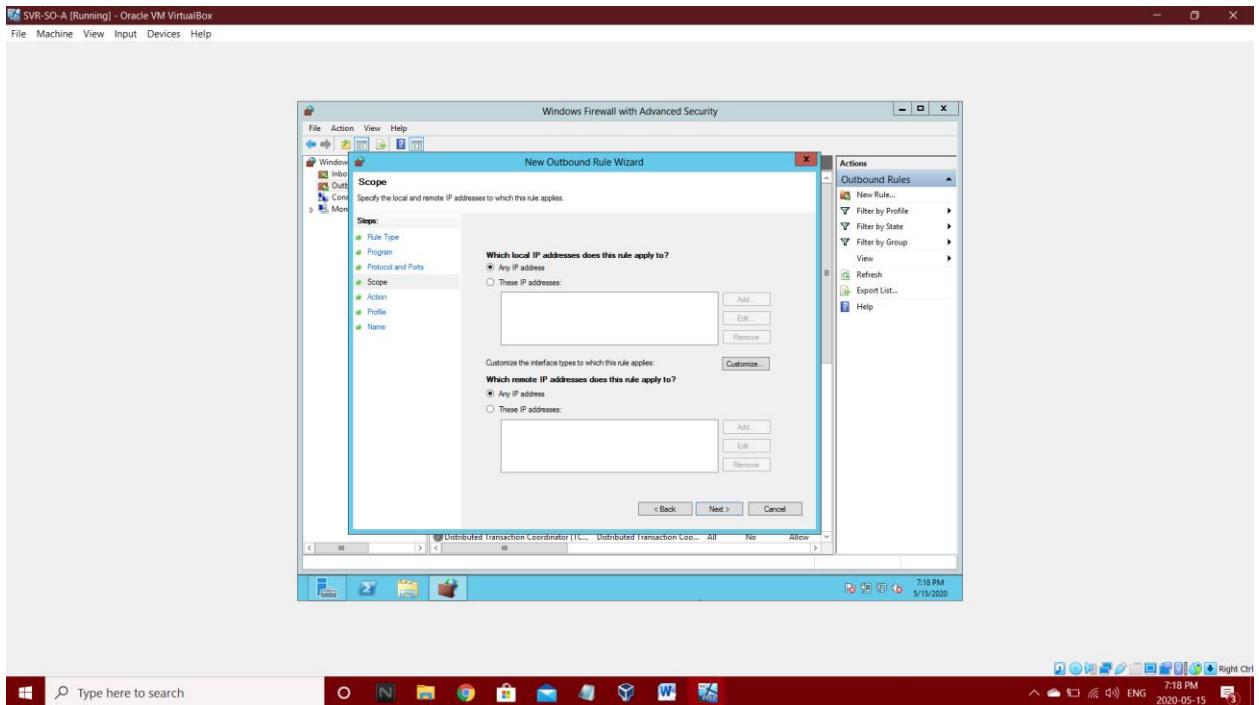
Step 2: In program select all program and go to Next



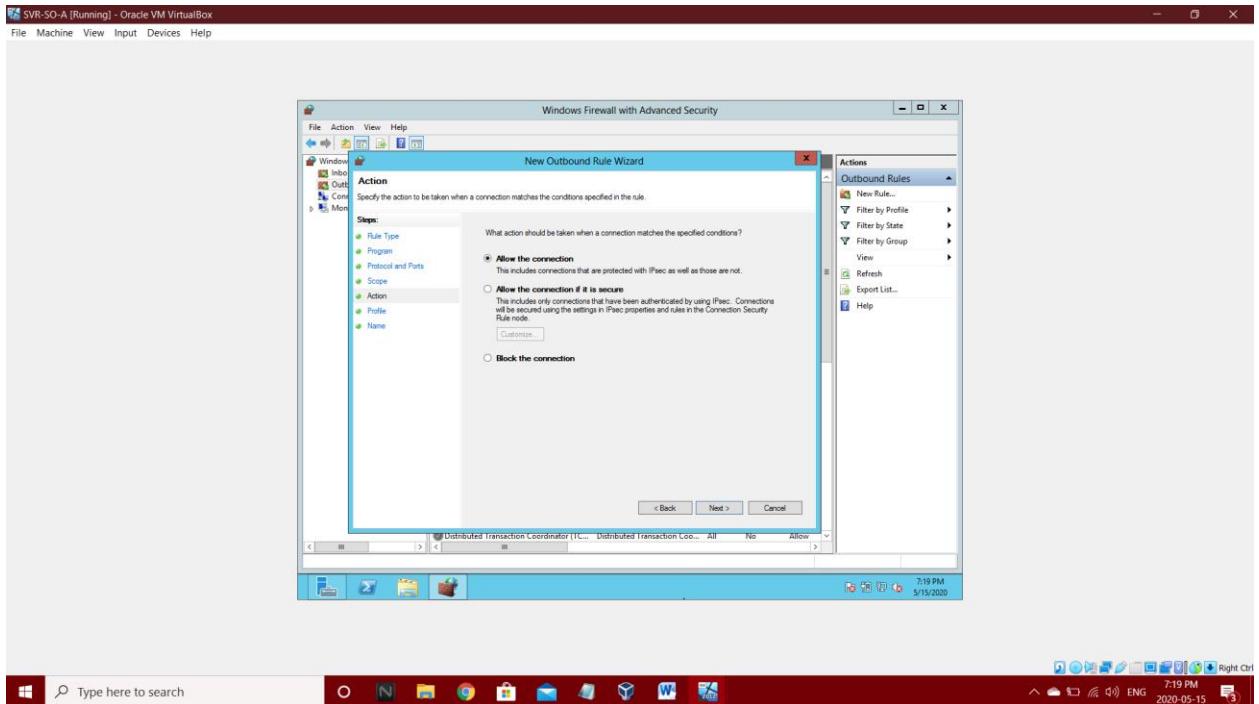
Step 3: Go to next in protocol and ports



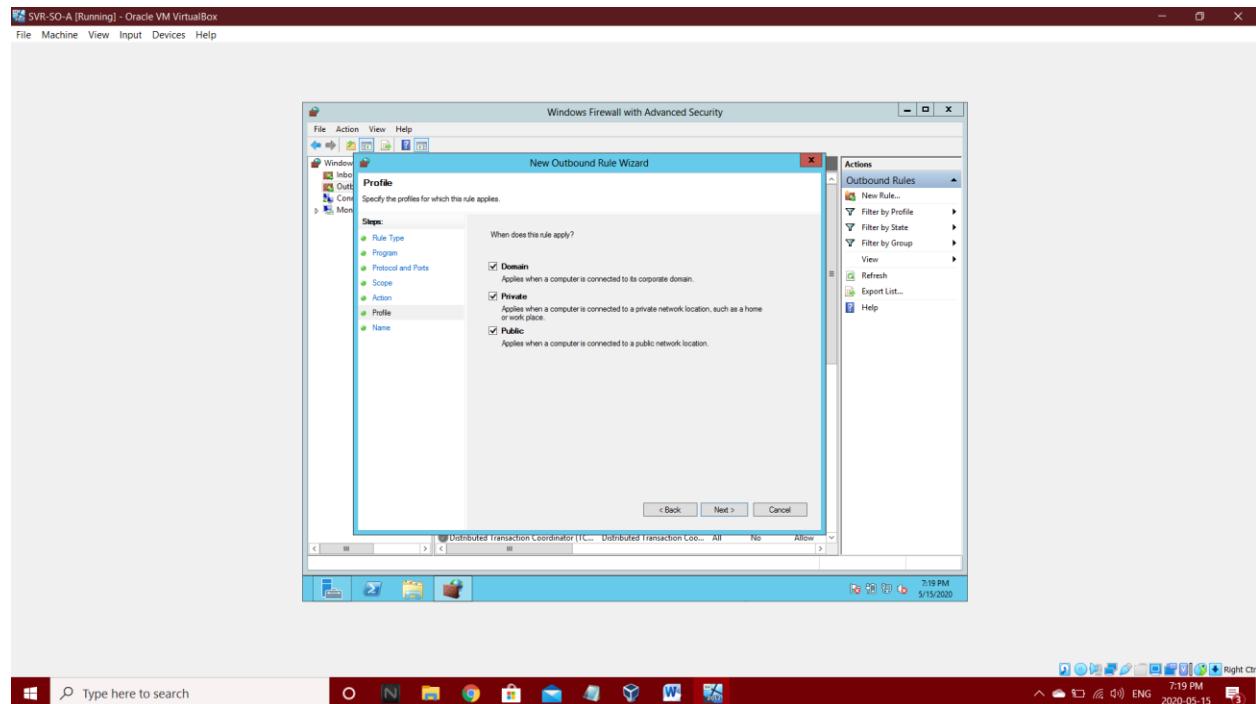
Step 4: In Scope Select Any IP address and go to next



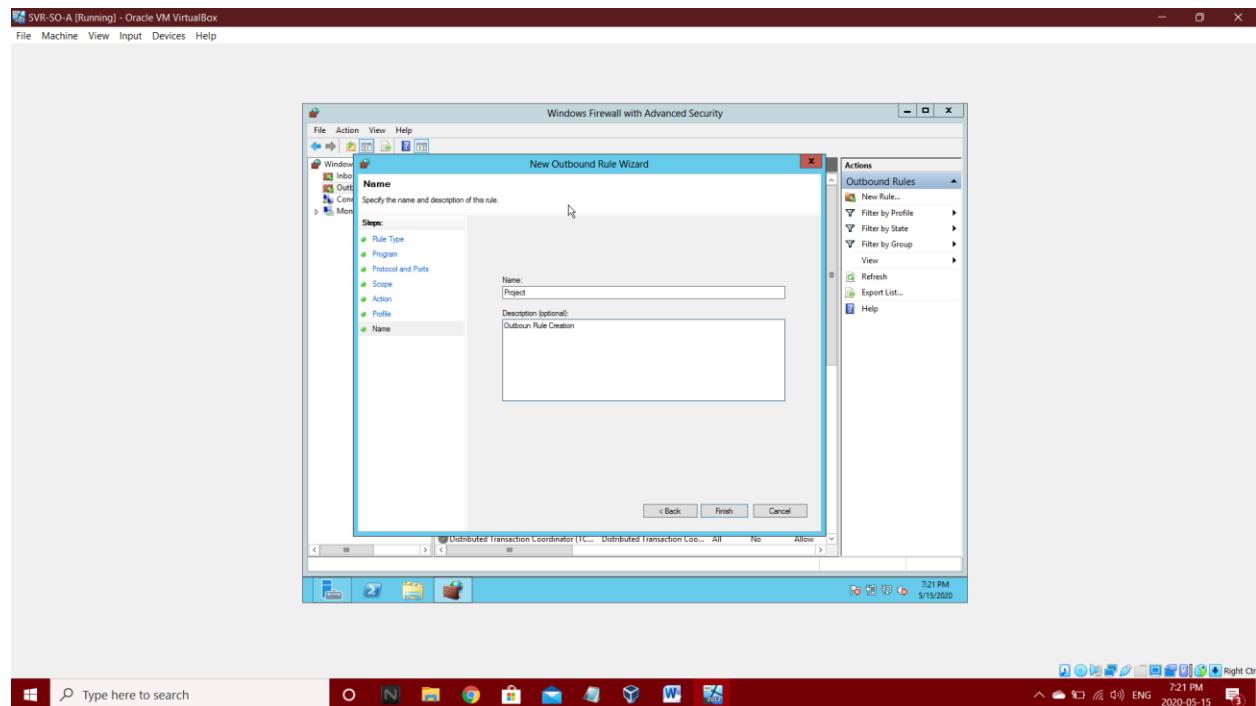
Step 5: Allow the connection in action and go for next.



## Step 6: select Domain, Private and Public in Profile

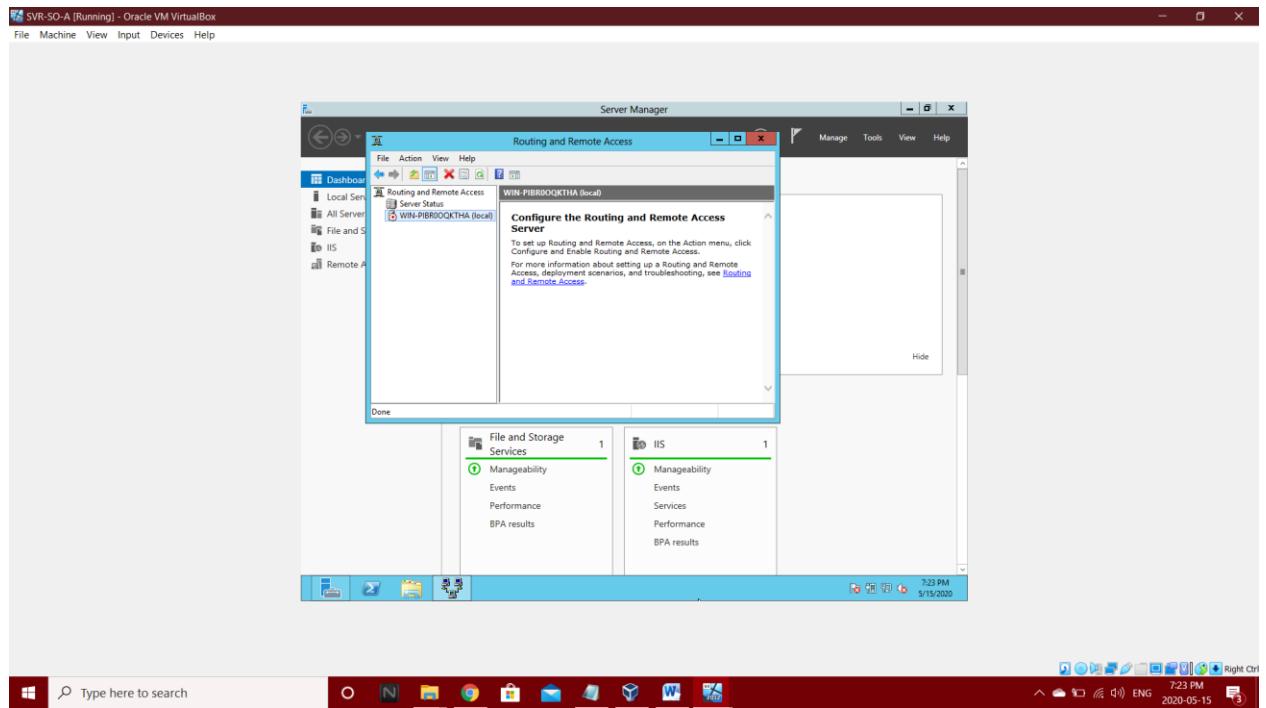


## Step 7: Create Name Project and then Finish

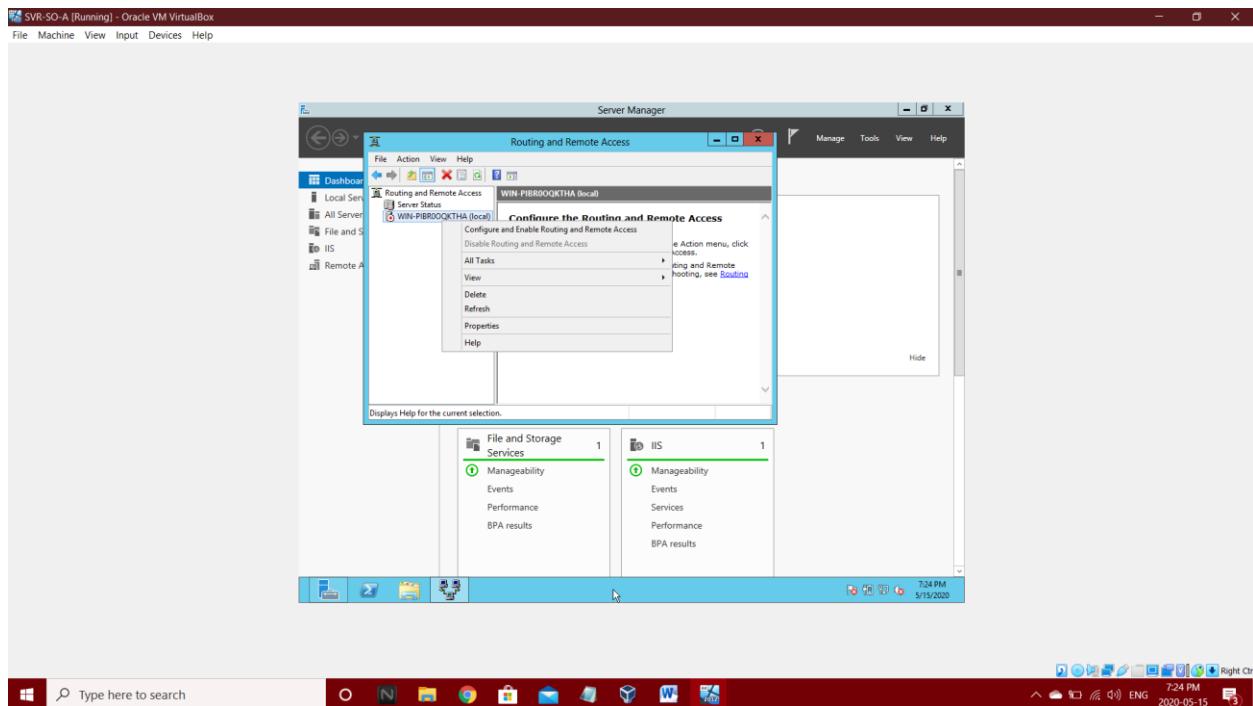


### 3.2.1.4 Add Routing and Remote Access:

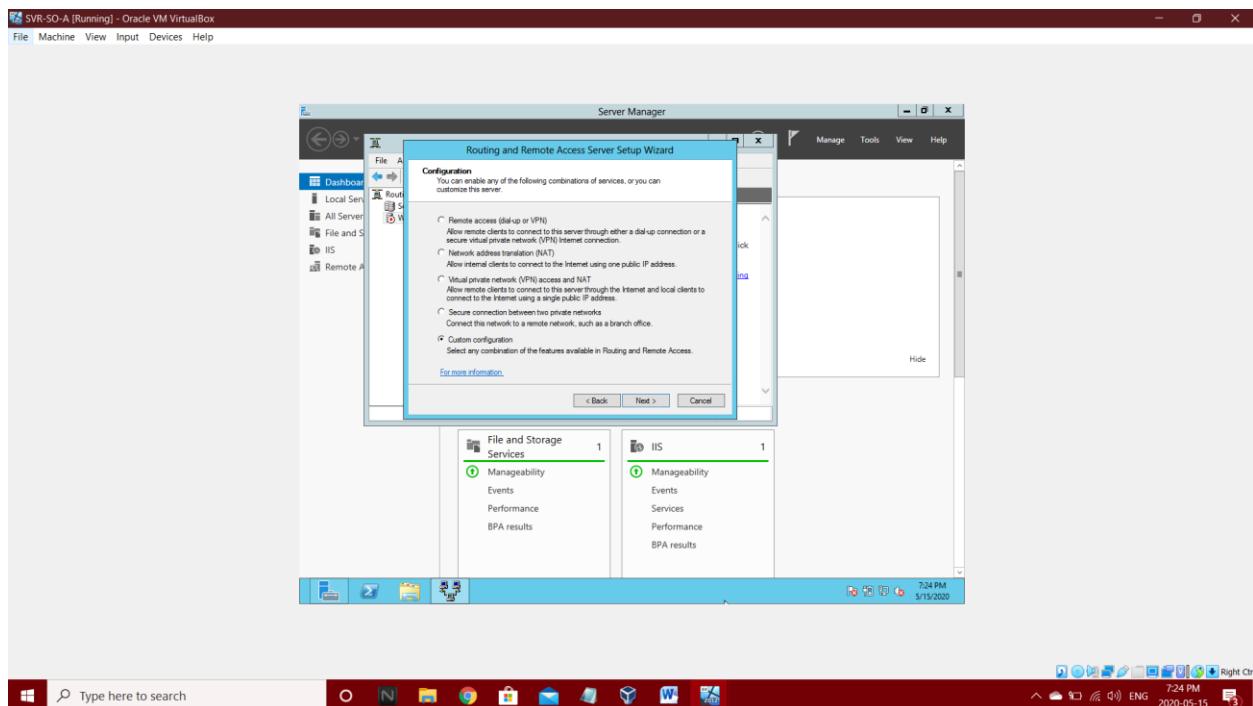
Step 1: Go to Routing and Remote Access



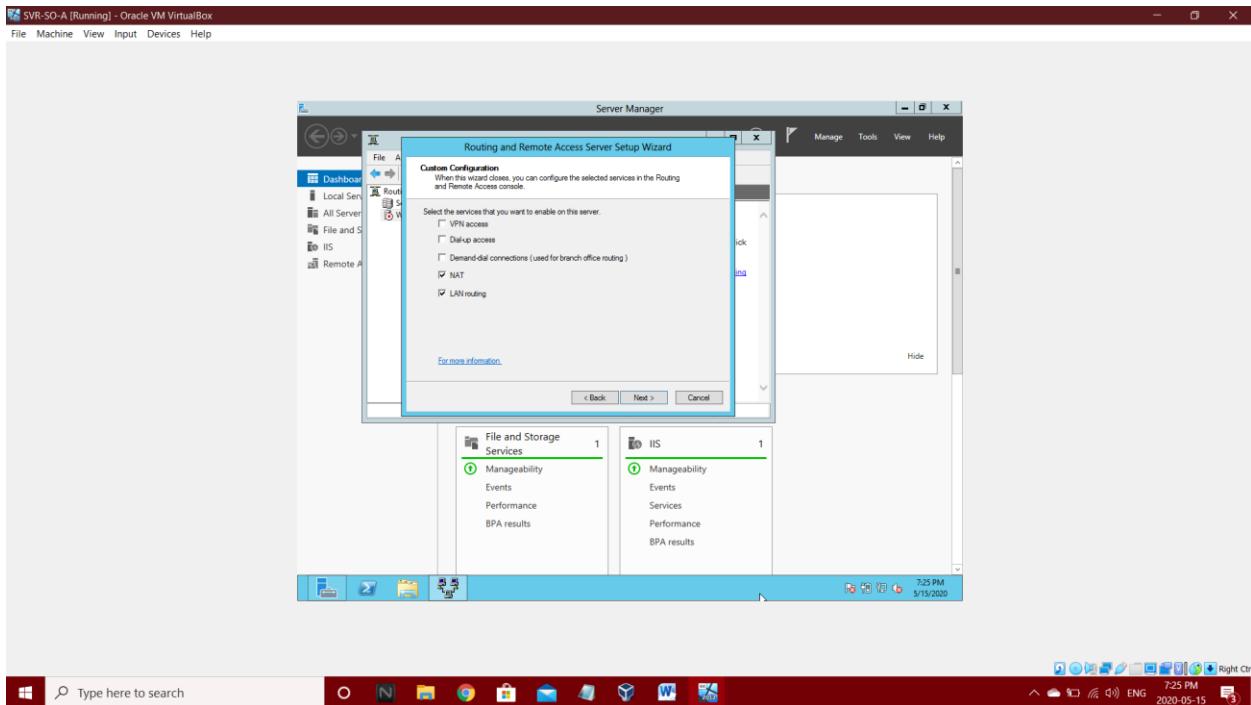
## Step 2: Select WIN-PIBR0QKTHA and press right click



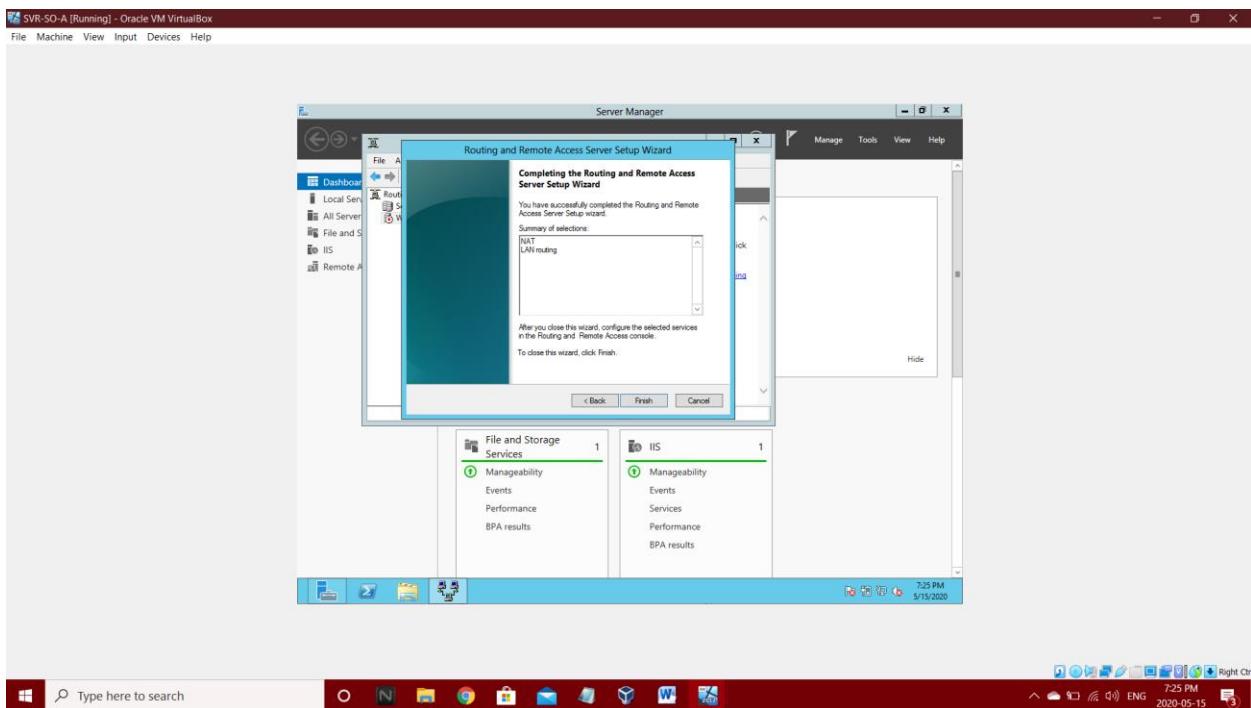
## Step 3: Go to Configuration and select custom Configuration



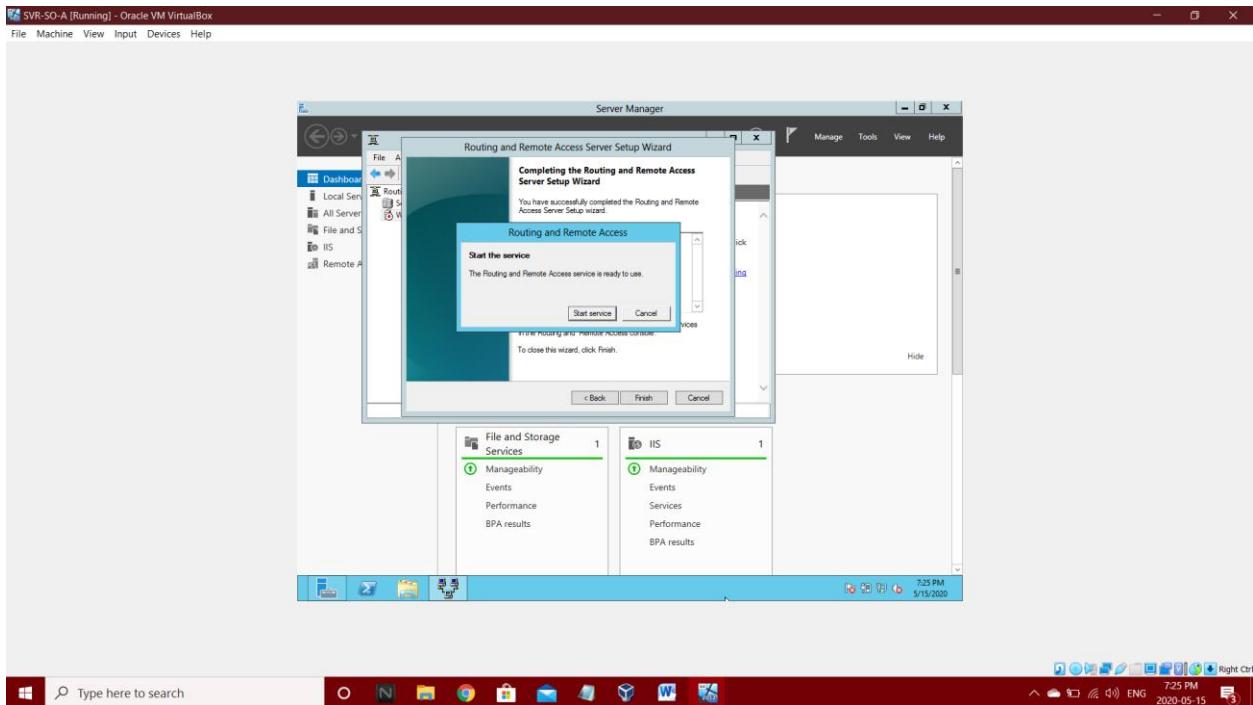
Step 4: In Custom Configurations select NAT, LAN routing.



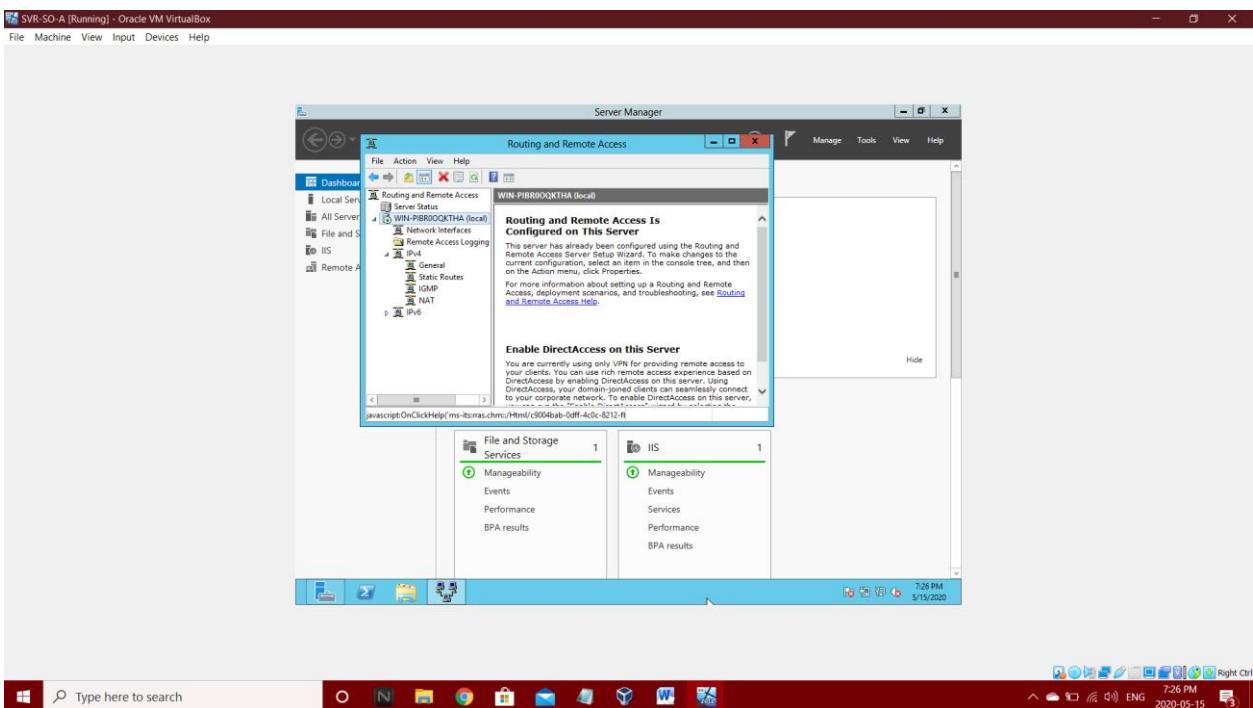
Step 5: After completing the Routing and Remote Access and Go to select.



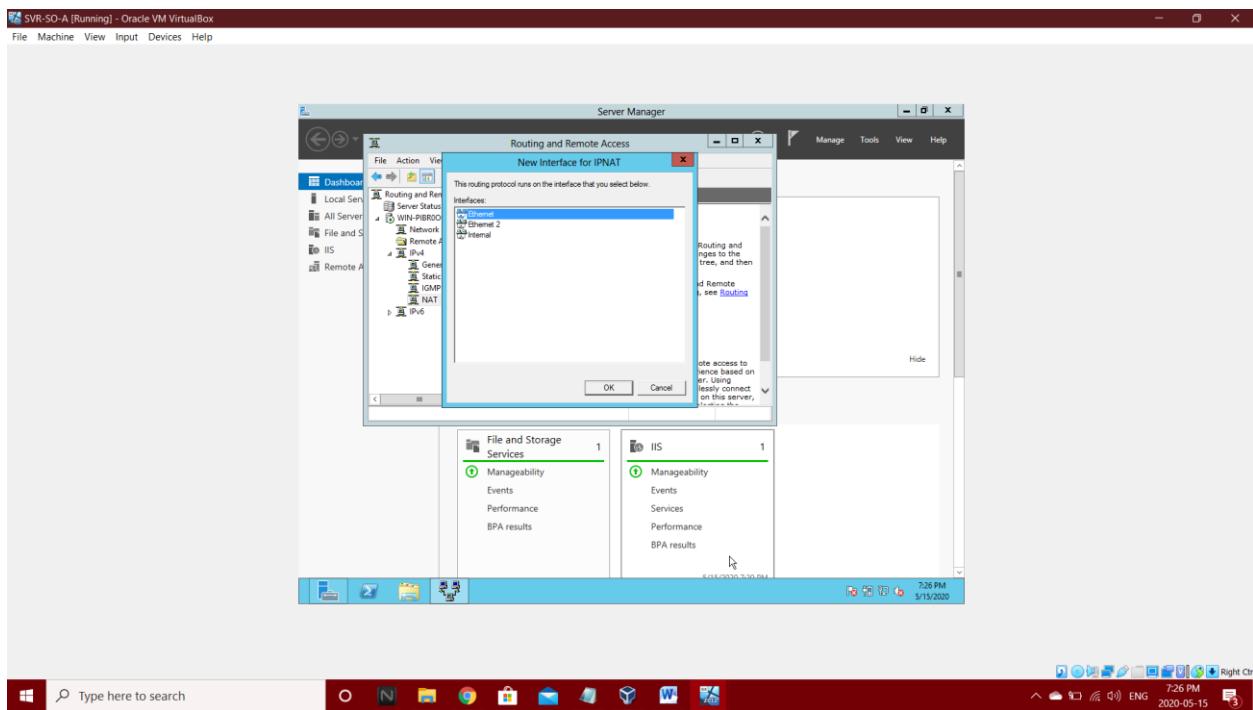
## Step 6: Start the service and select start service.



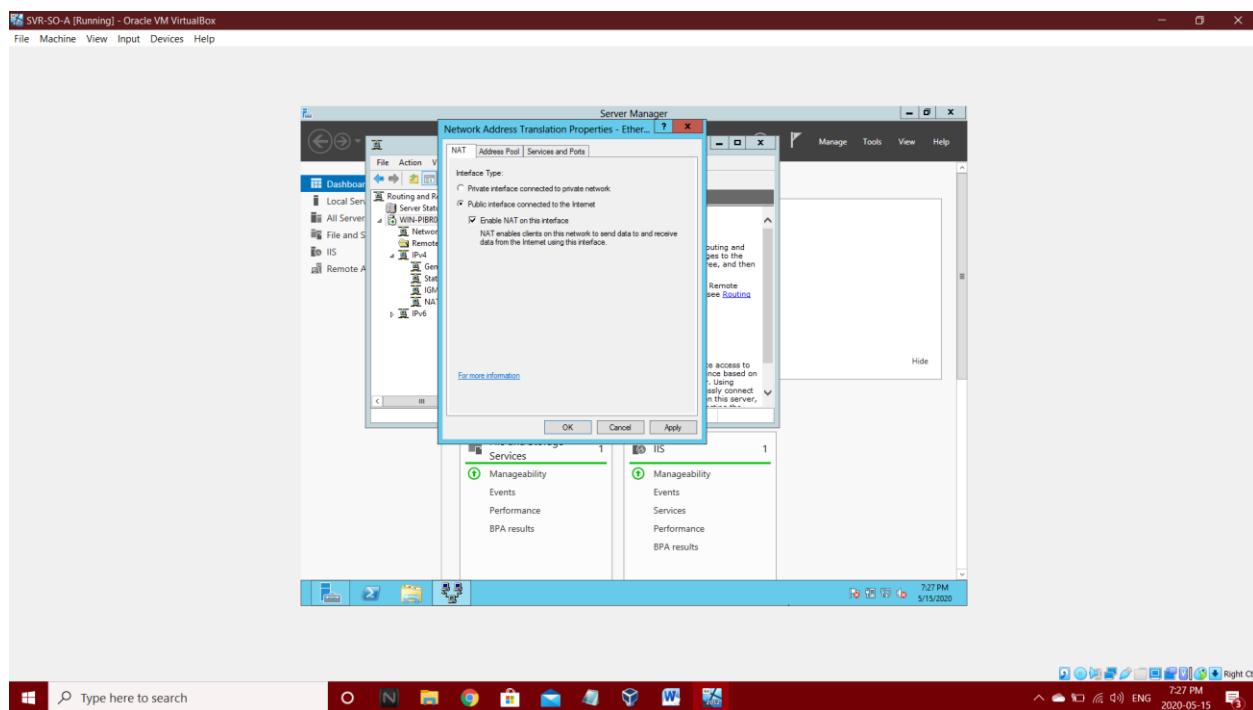
## Step 7: Go to IPv4 and select NAT



## Step 8: Select Ethernet and select OK



## Step 9: In NAT Select Public interface and also enable NAT on this internet.



## **3.2.2 Network Setup and Configurations of Web-Server (SVR-WS-A)**

As we did in SVR-SO-A same we should in SVR-WS-A too

### **3.2.2.1 Add Roles and Features**

As we did in SVR-SO-A same we should in SVR-WS-A too

### **3.2.2.2 Add Inbound Rules**

As we did in SVR-SO-A same we should in SVR-WS-A too

### **3.2.2.3 Add Outbound Rules**

As we did in SVR-SO-A same we should in SVR-WS-A too

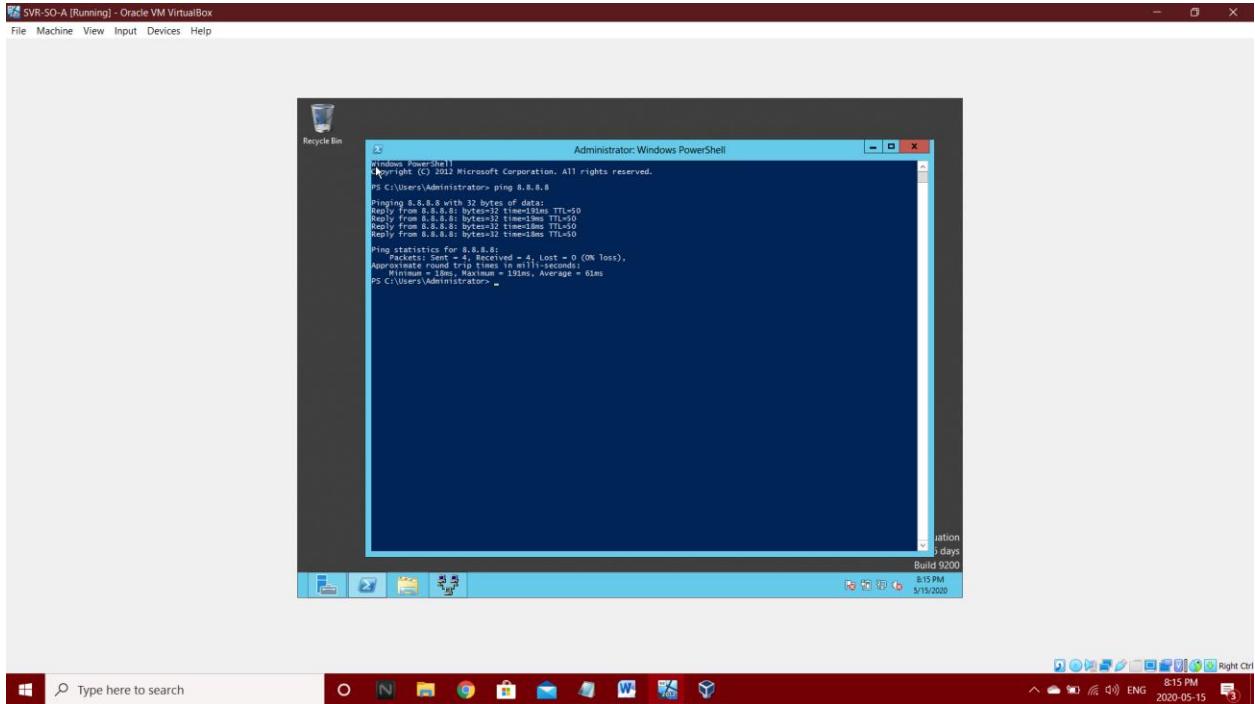
### **3.2.2.4 Add Routing and Remote Access**

As we did in SVR-SO-A same we should in SVR-WS-A too

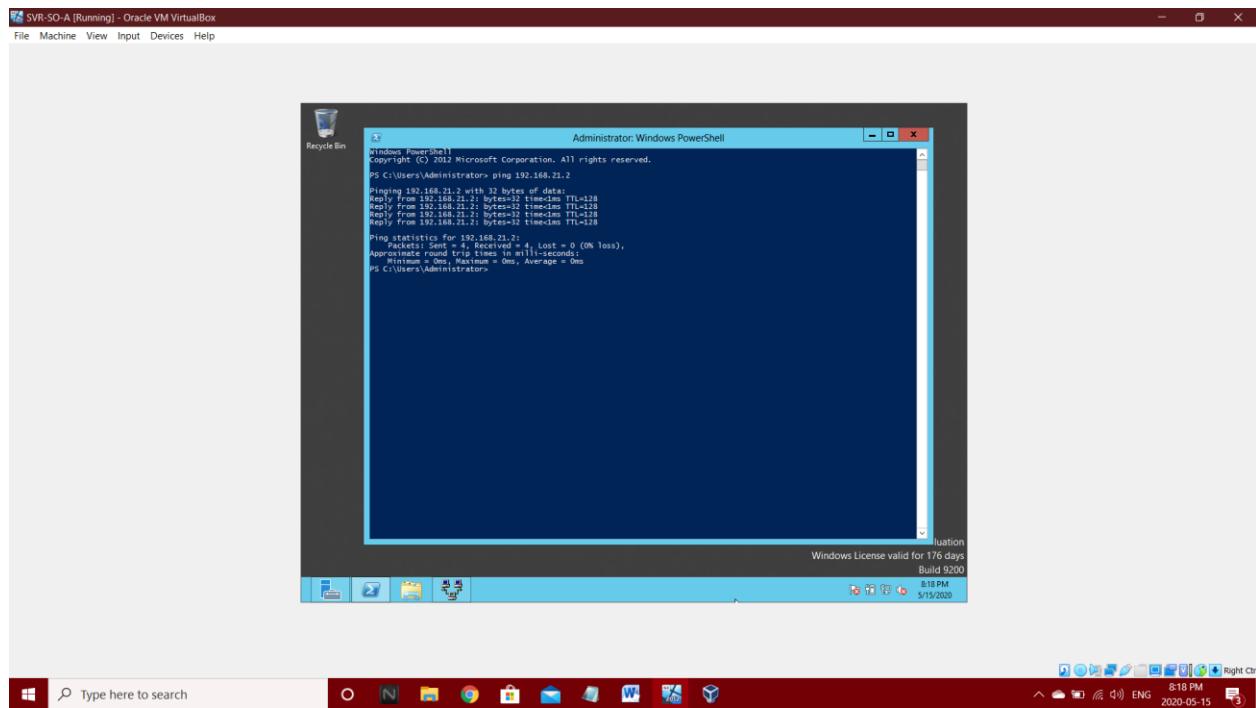
## Chapter 4: Network Utility

### 4.1 Ping Operations in Router

- 1) PING 8.8.8.8 for internet connection.



## 2) PING SVR-WS-A (192.168.21.2) from SVR-SO-A (192.168.21.1)

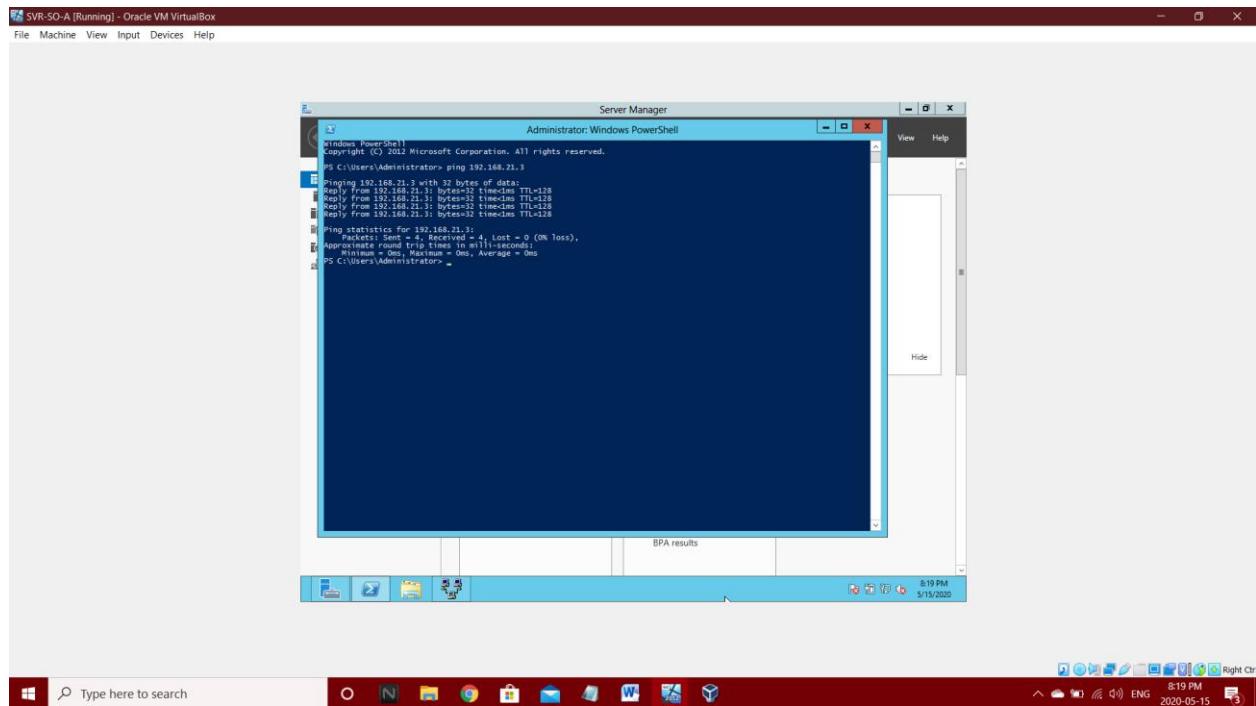


```
Administrator: Windows PowerShell
Copyright (C) 2012 Microsoft Corporation. All rights reserved.
PS C:\Users\Administrator> ping 192.168.21.2

Pinging 192.168.21.2 with 32 bytes of data:
Reply From 192.168.21.2: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.21.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
PS C:\Users\Administrator>
```

## 3) PING Client Machine (192.168.21.3) from SVR-SO-A (192.168.21.1)



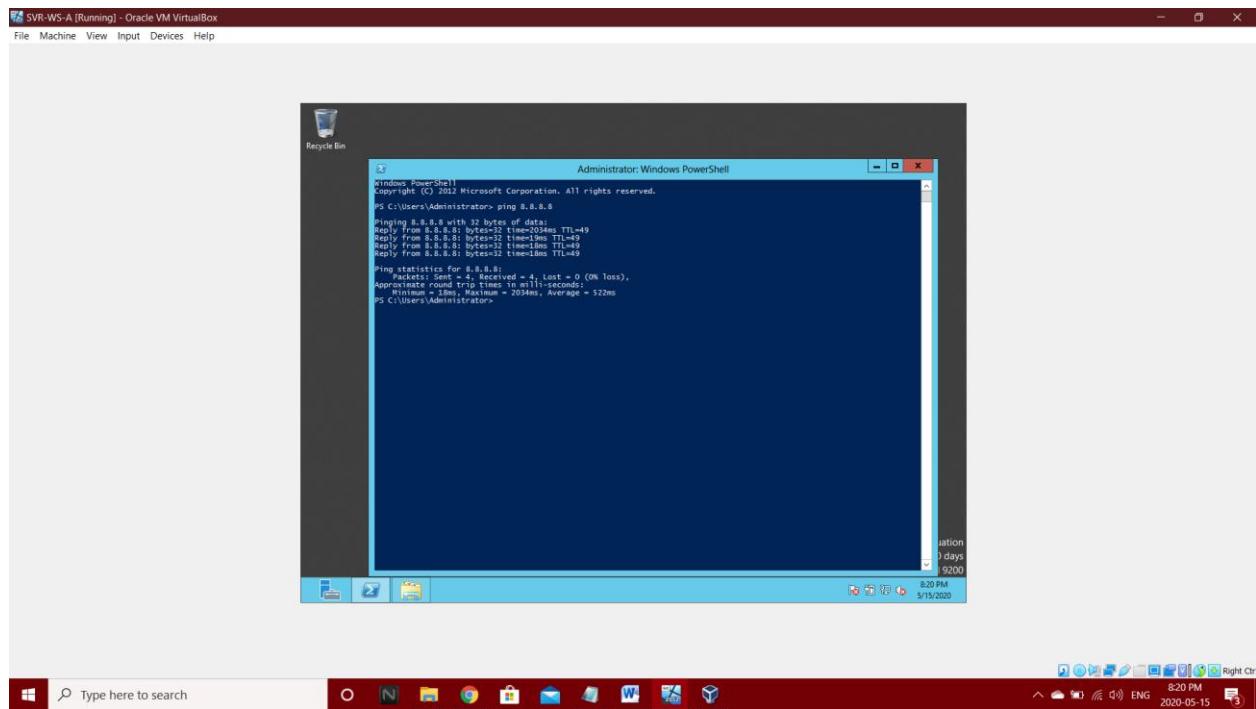
```
Administrator: Windows PowerShell
Copyright (C) 2012 Microsoft Corporation. All rights reserved.
PS C:\Users\Administrator> ping 192.168.21.3

Pinging 192.168.21.3 with 32 bytes of data:
Reply From 192.168.21.3: bytes=32 time<1ms TTL=128

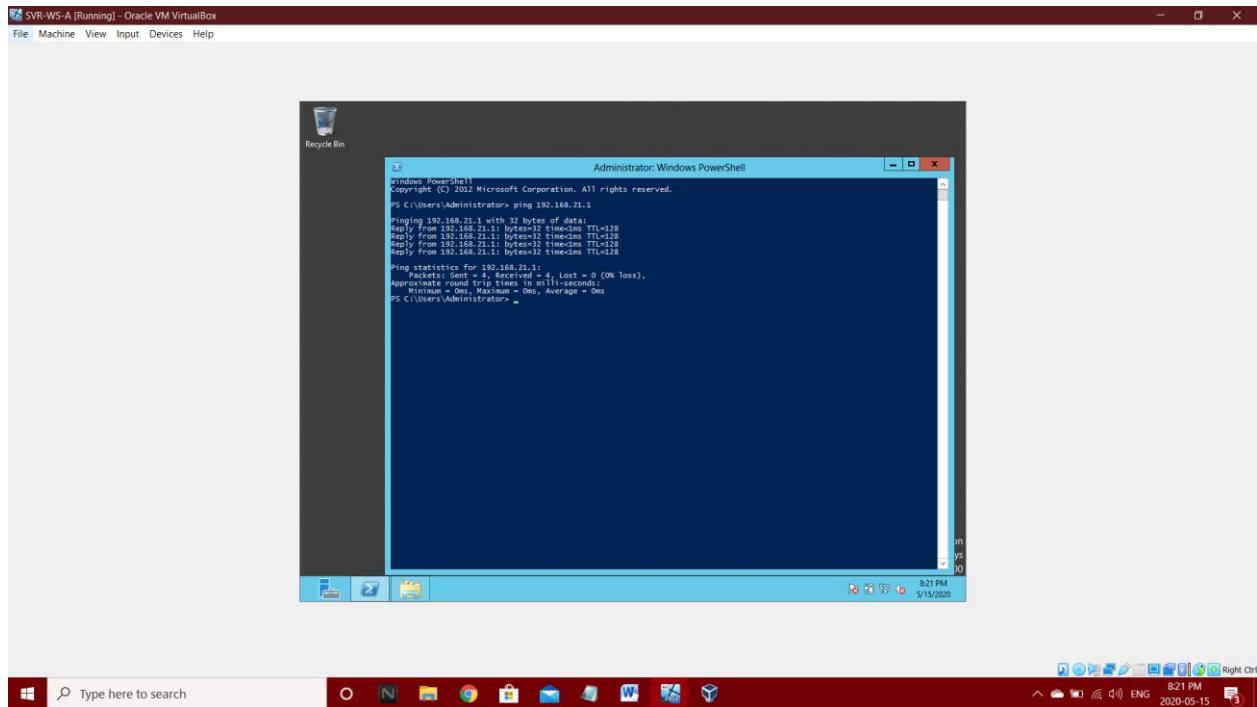
Ping statistics for 192.168.21.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
PS C:\Users\Administrator>
```

## 4.2 Ping Operations in Web-Server

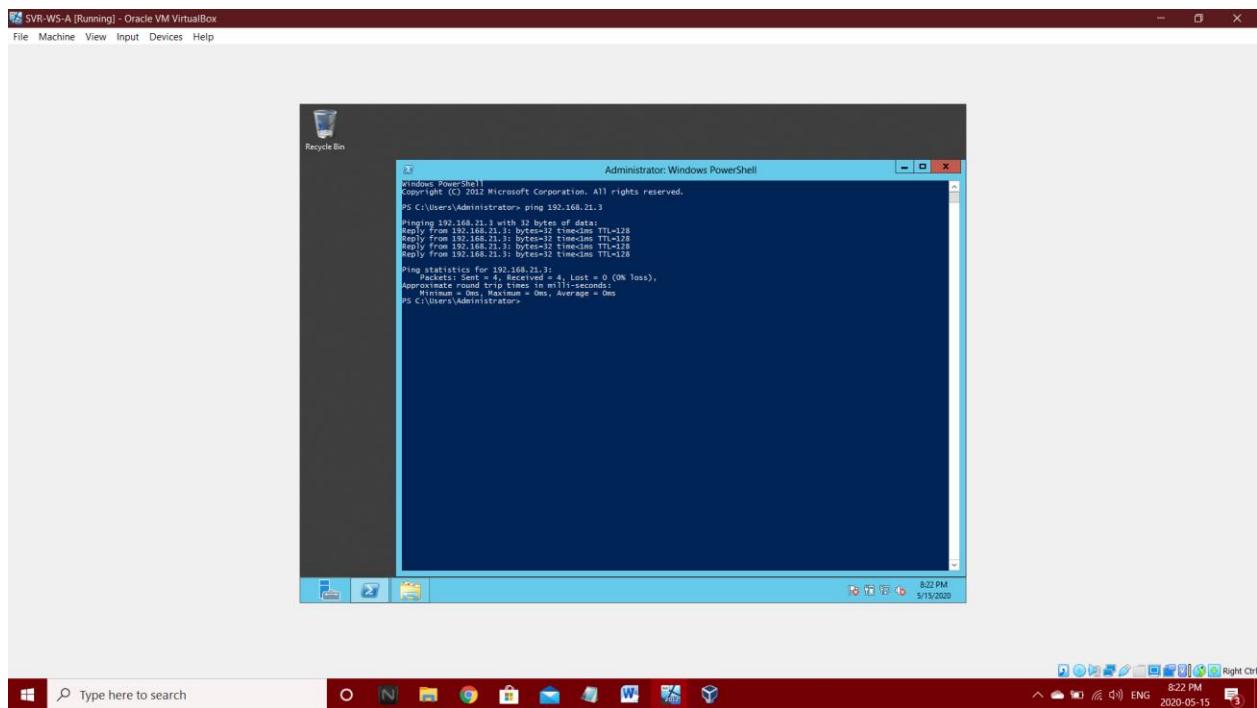
- 1) PING 8.8.8.8 from SVR-WS-A (192.168.21.2)



## 2) PING SVR-SO-A (192.168.21.1) from SVR-WS-A (192.168.21.2)

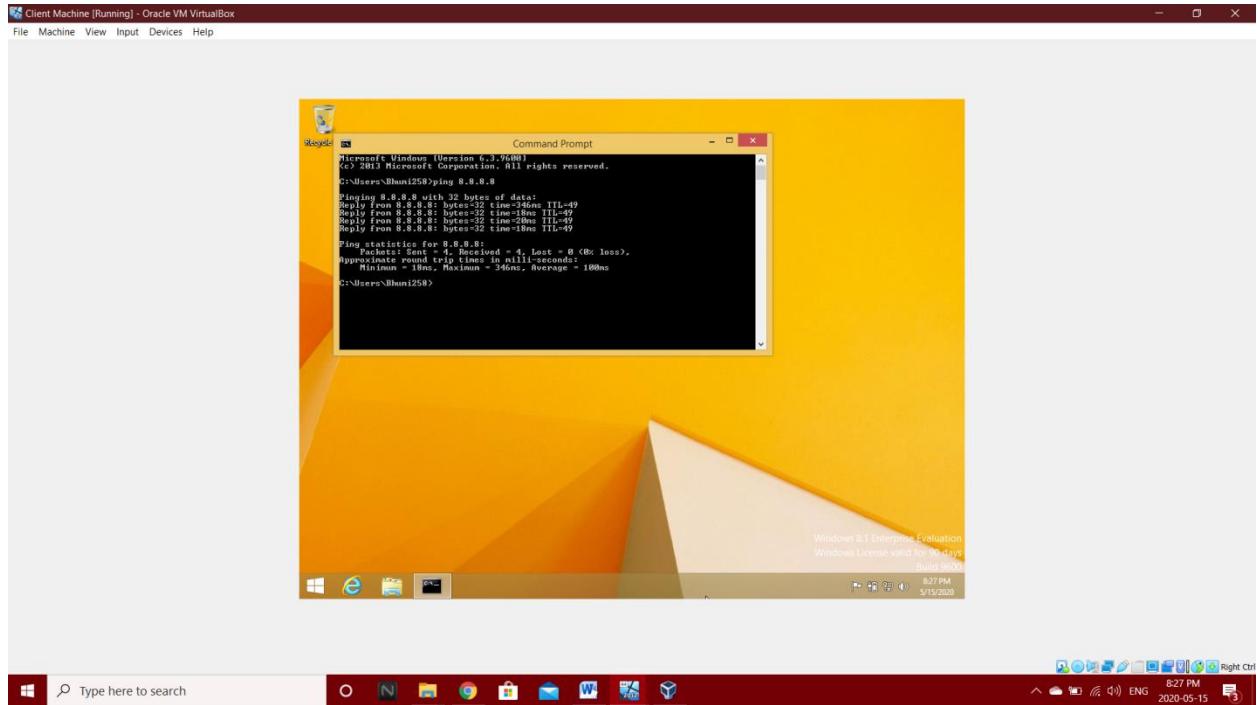


## 3) PING Client Machine (192.168.21.3) from SVR-WS-A (192.168.21.2)

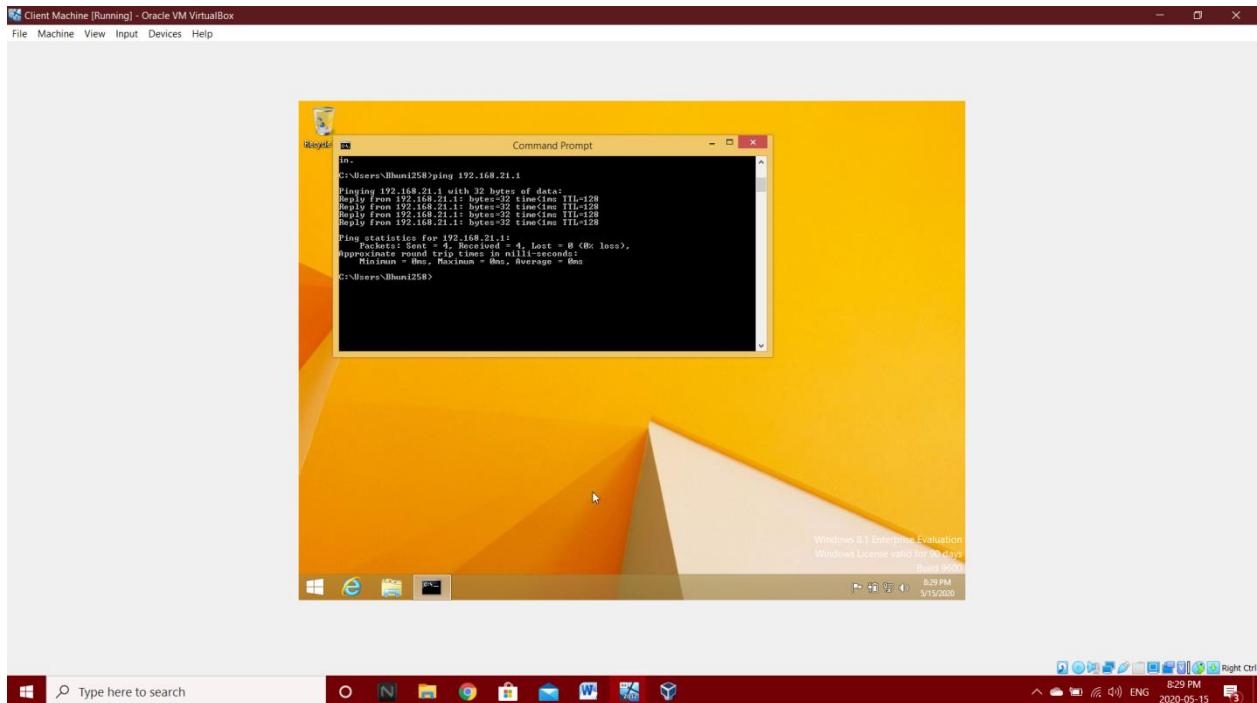


## 4.3 Ping Operations in Client Machine

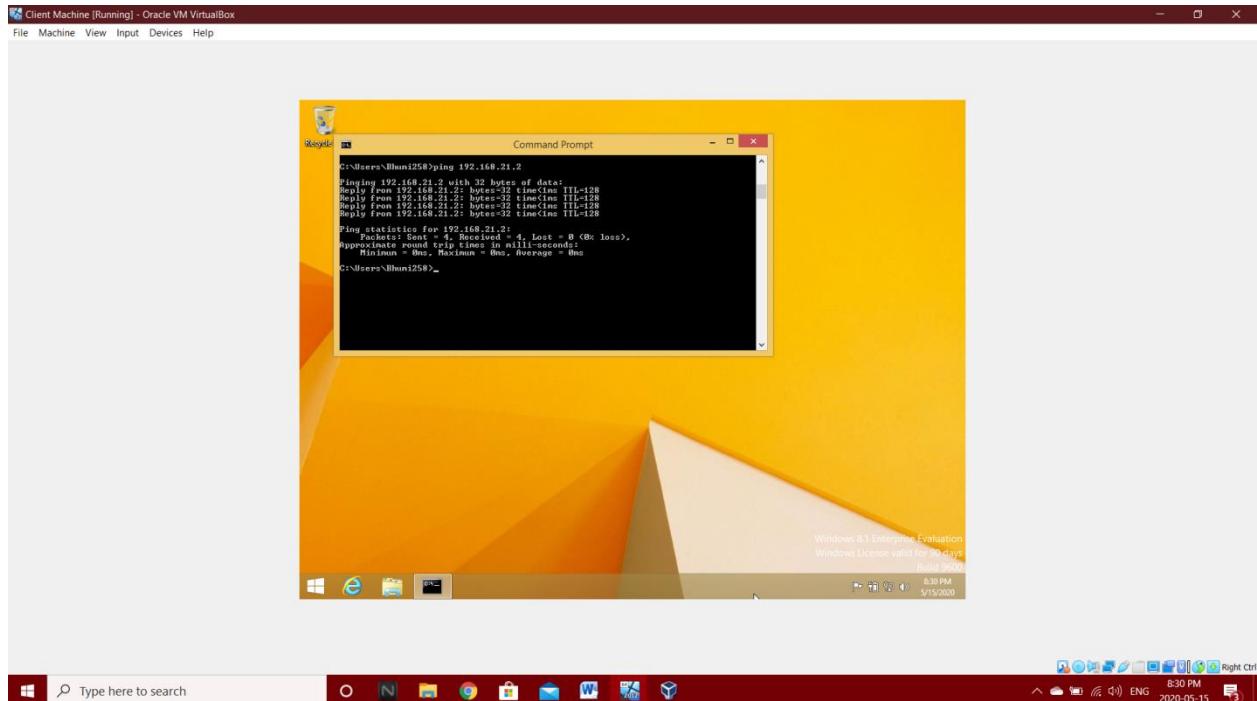
### 1) PING 8.8.8.8 from Client Machine



## 2) PING SVR-SO-A (192.168.21.1) from Client Machine



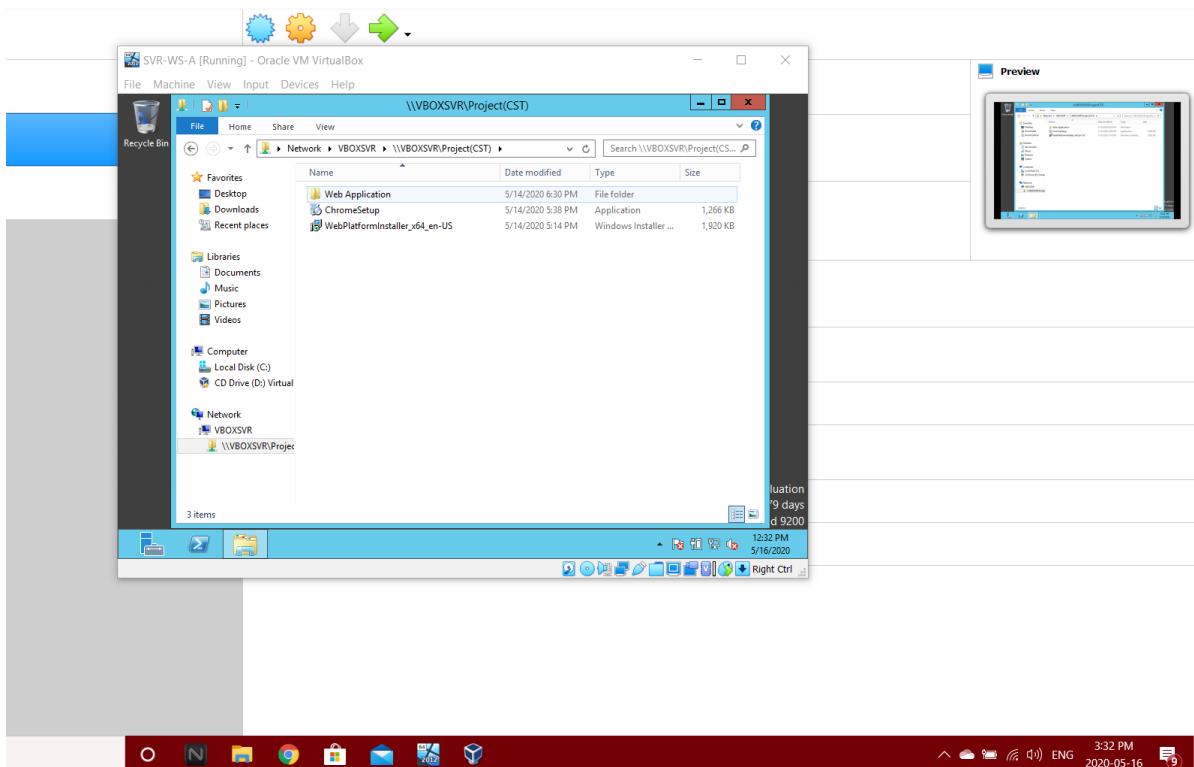
## 3) PING SVR-WS-A (192.168.21.2) from Client Machine



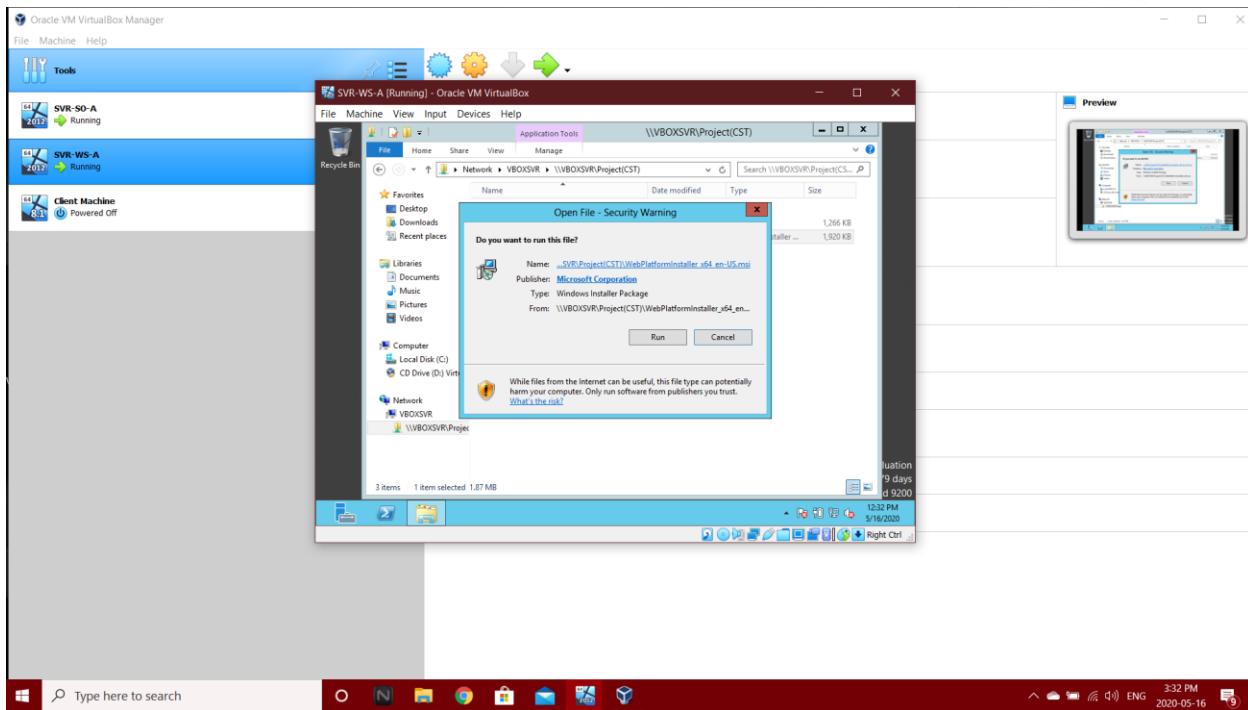
# Chapter 5: Web Platform Installation

## 5.1 Install Web Platform

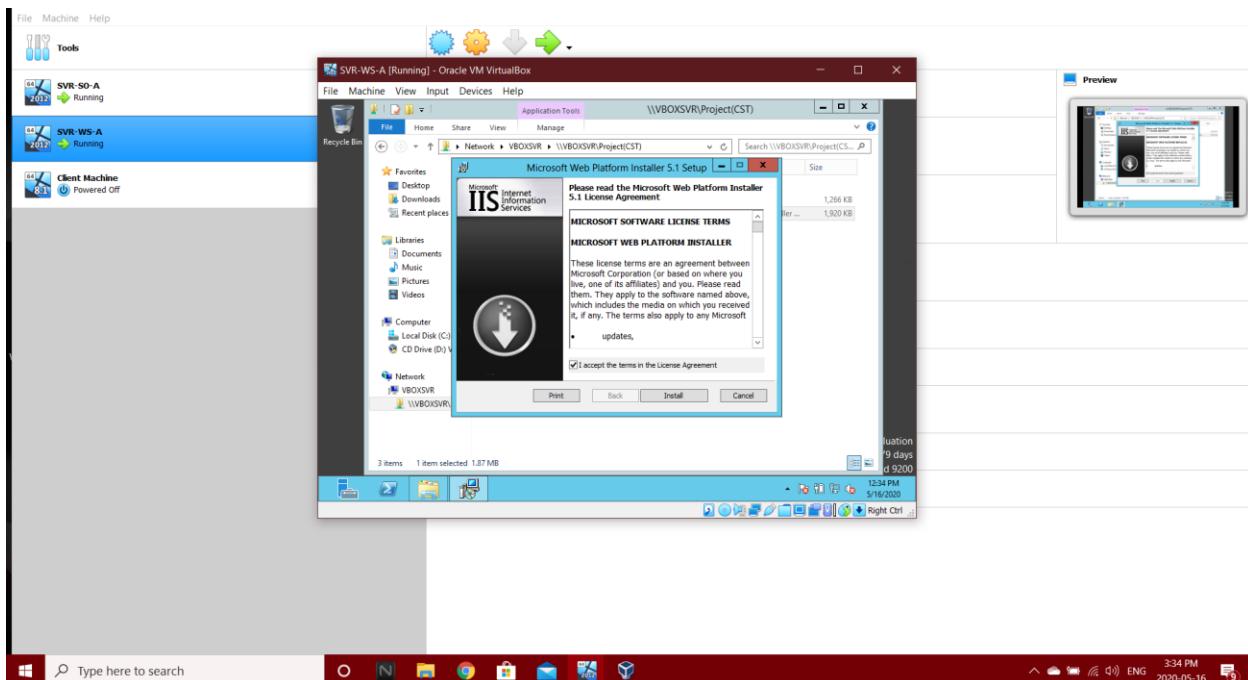
Step 1: Install Web Platform.



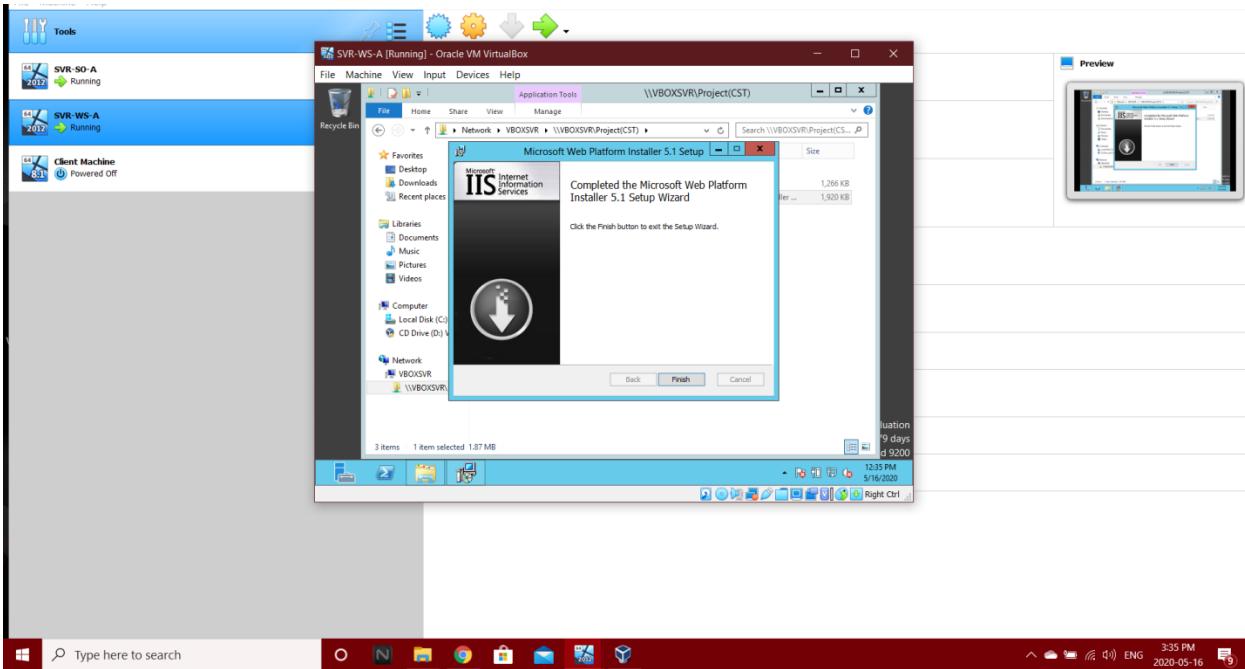
## Step 2: Run the Setup



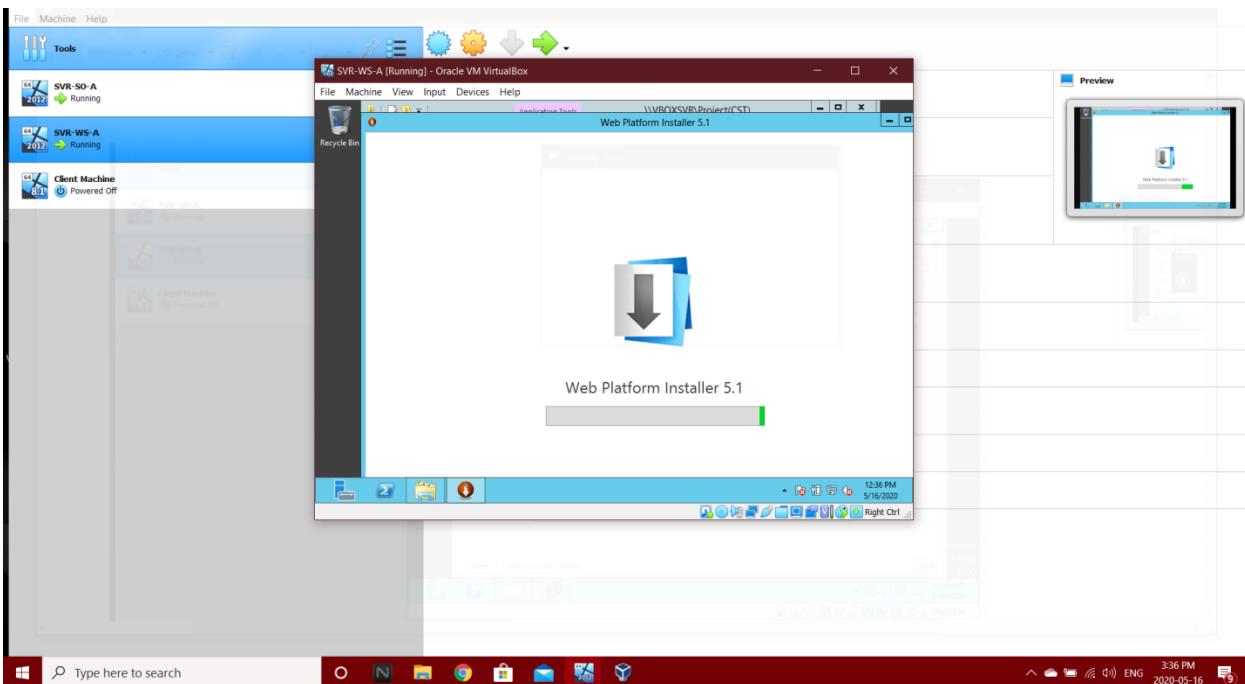
## Step 3: Accept the term and license agreement and click on install.



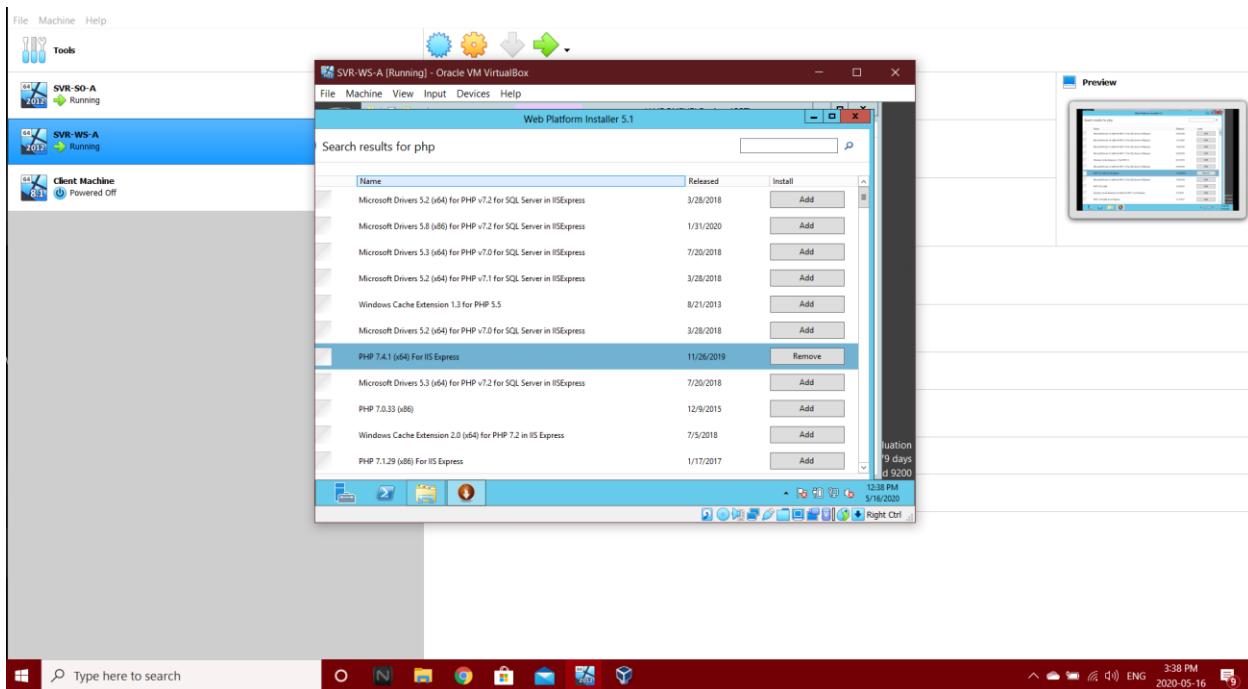
Step 4: Click on finish.



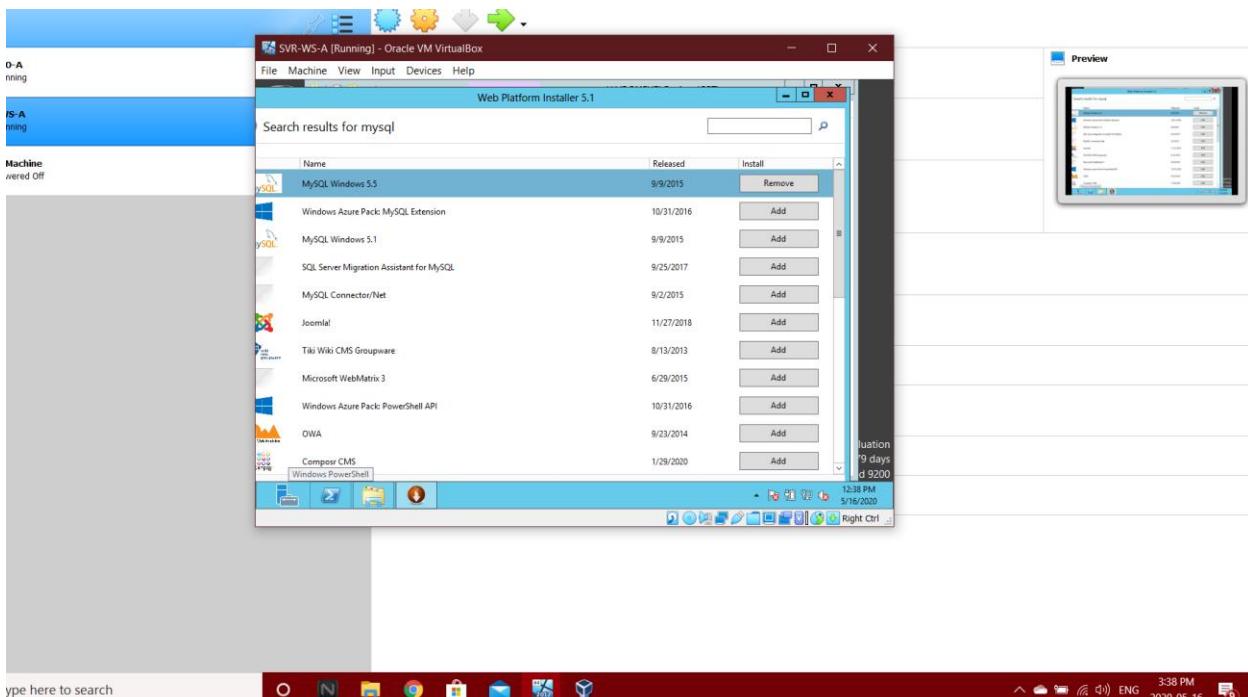
Step 5: Successfully installed Web Platform



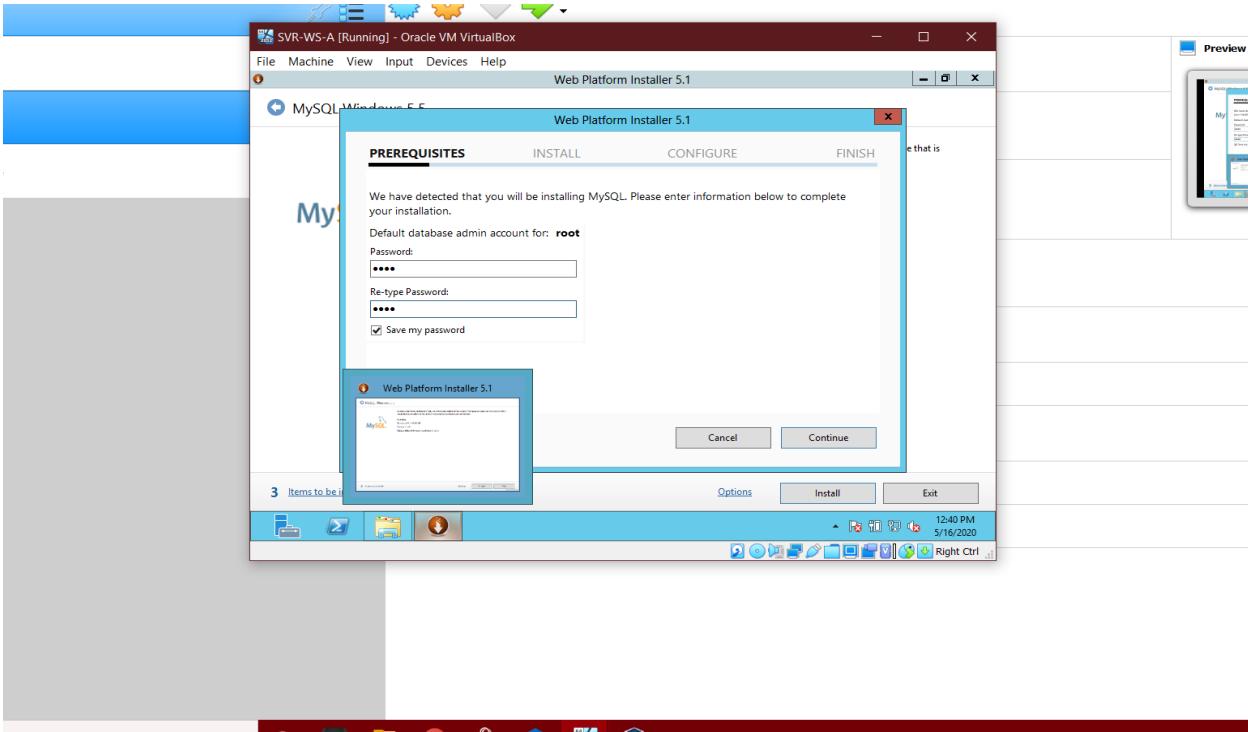
## Step 6: Install PHP from Web Platform.



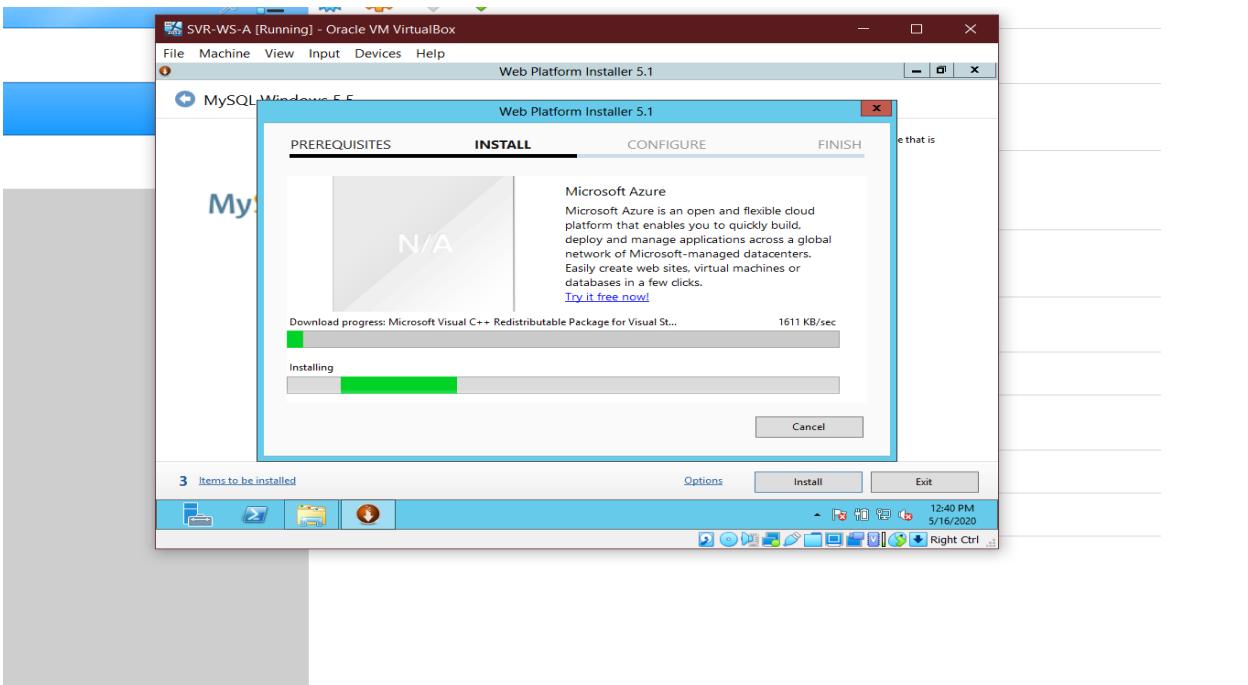
## Step 7: Install MySQL from Web Platform.



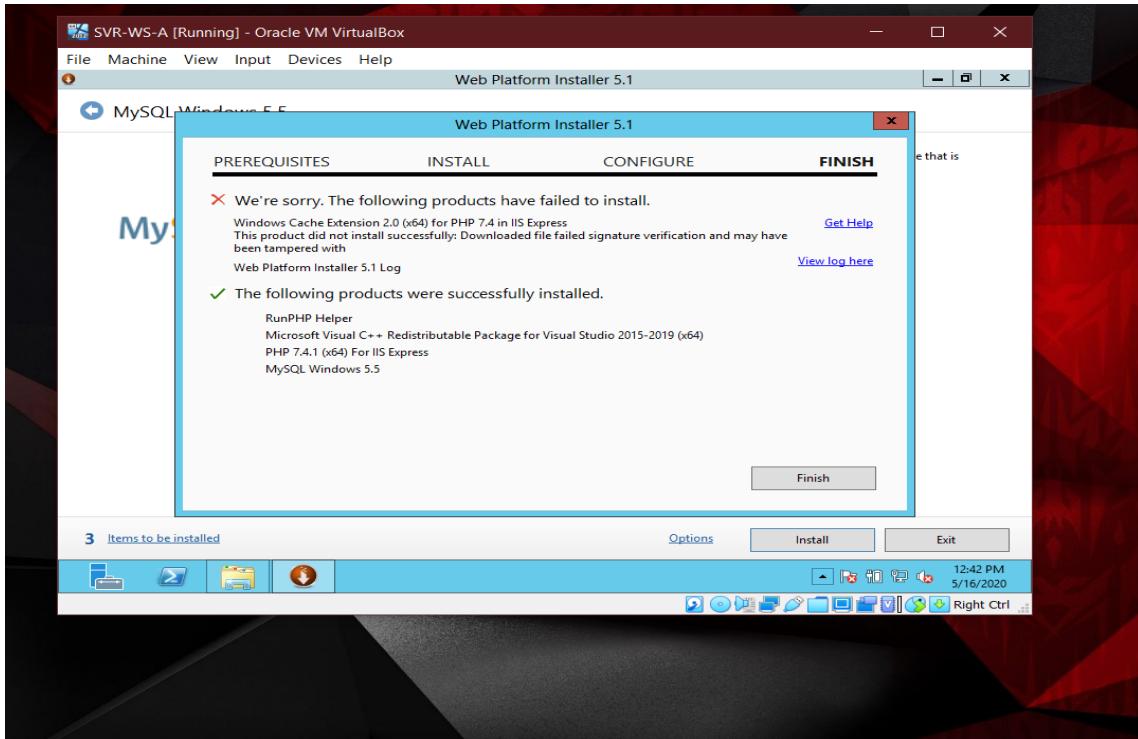
## Step 8: Create a password. (Example: “ROOT”)



## Step 9: Installing MYSQL.

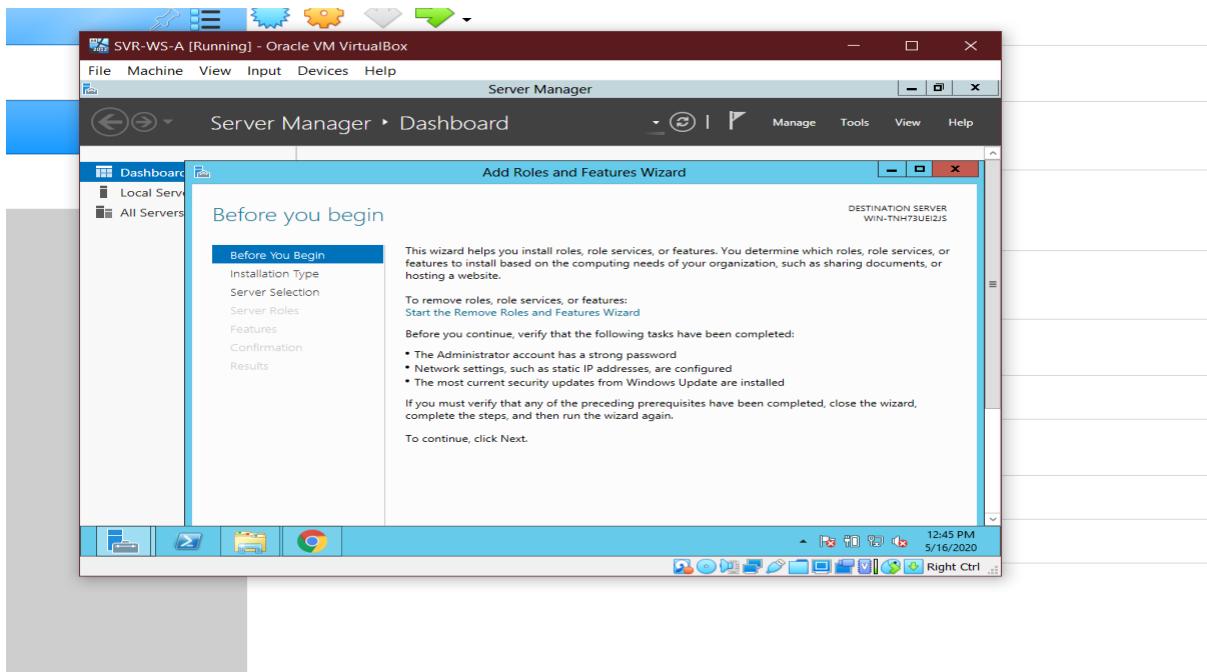


## Step 10: Successfully Installed MySQL.

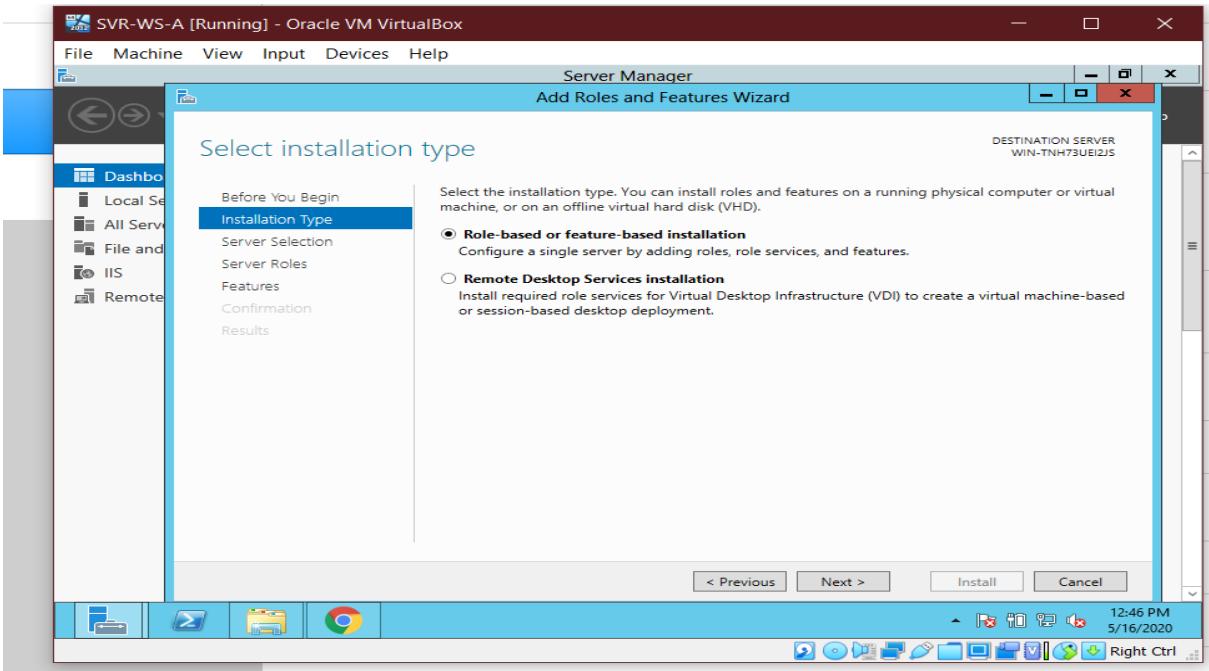


## 5.2 Add Roles and Features

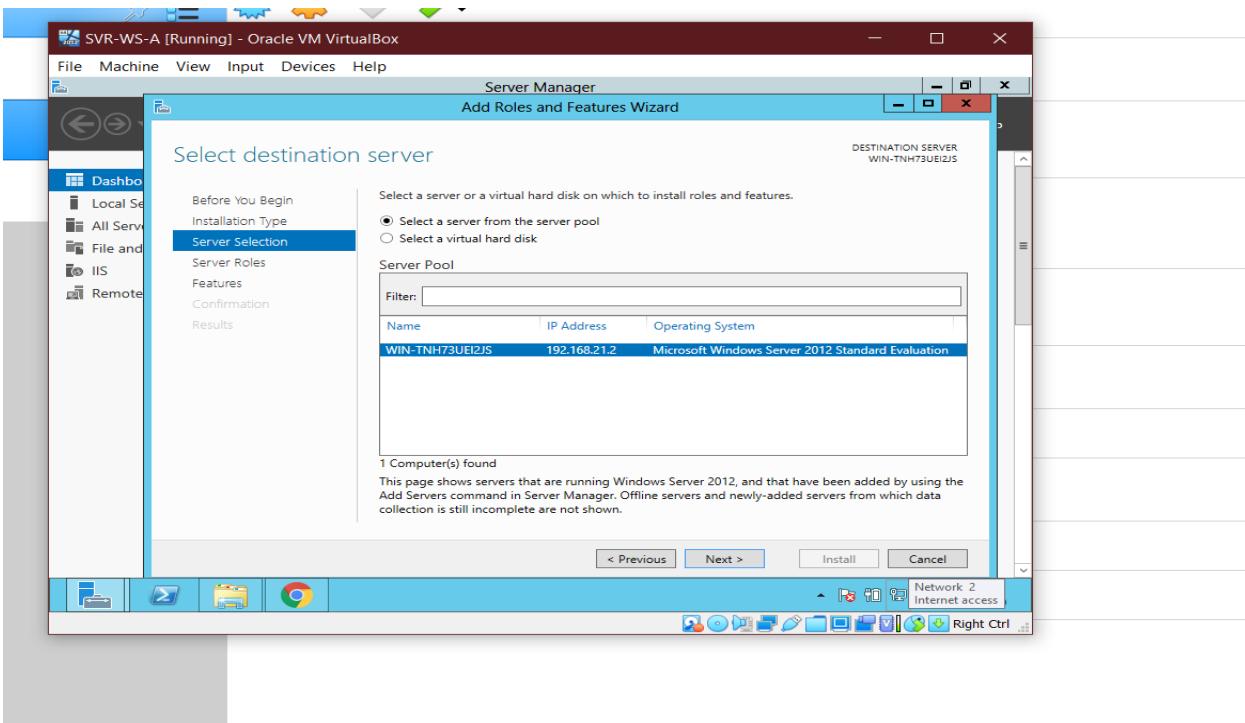
Step 1: Click on View and add Roles and Features



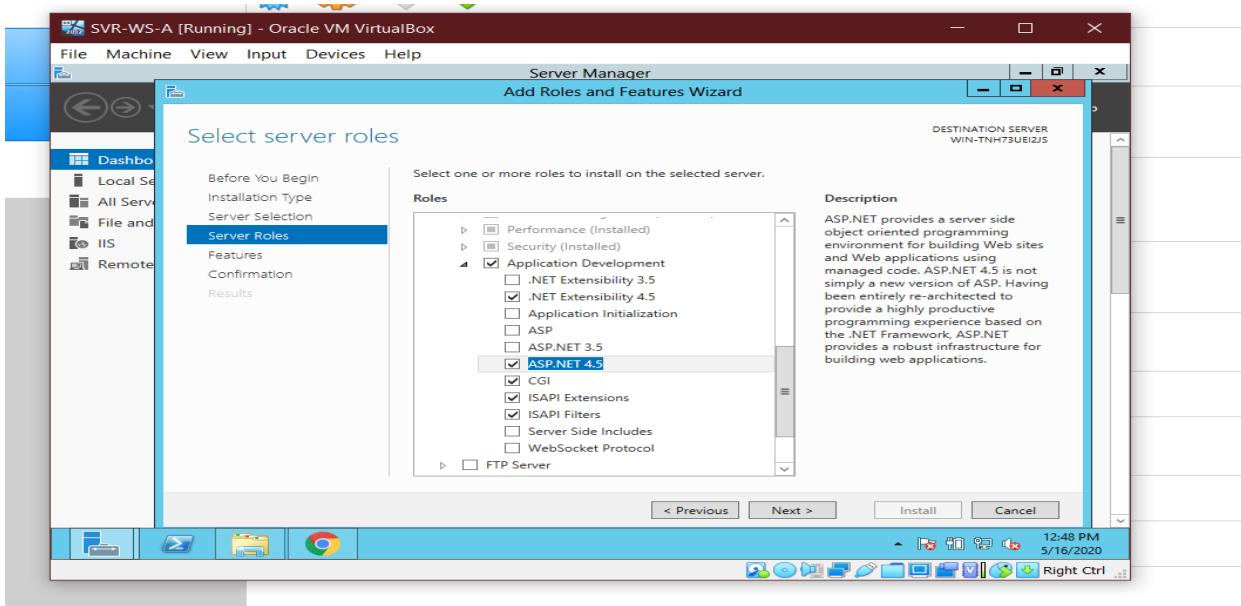
## Step 2: Select role based or Feature-based Installation



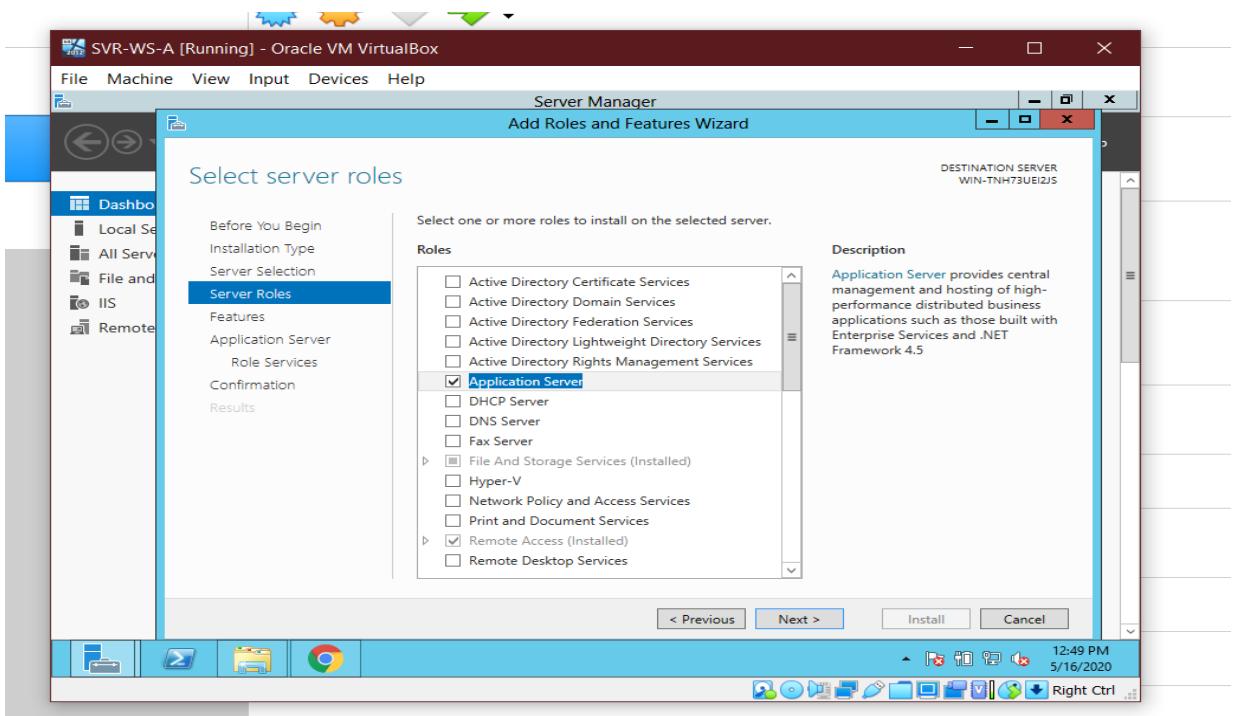
## Step 3: Select sever from the server pool.



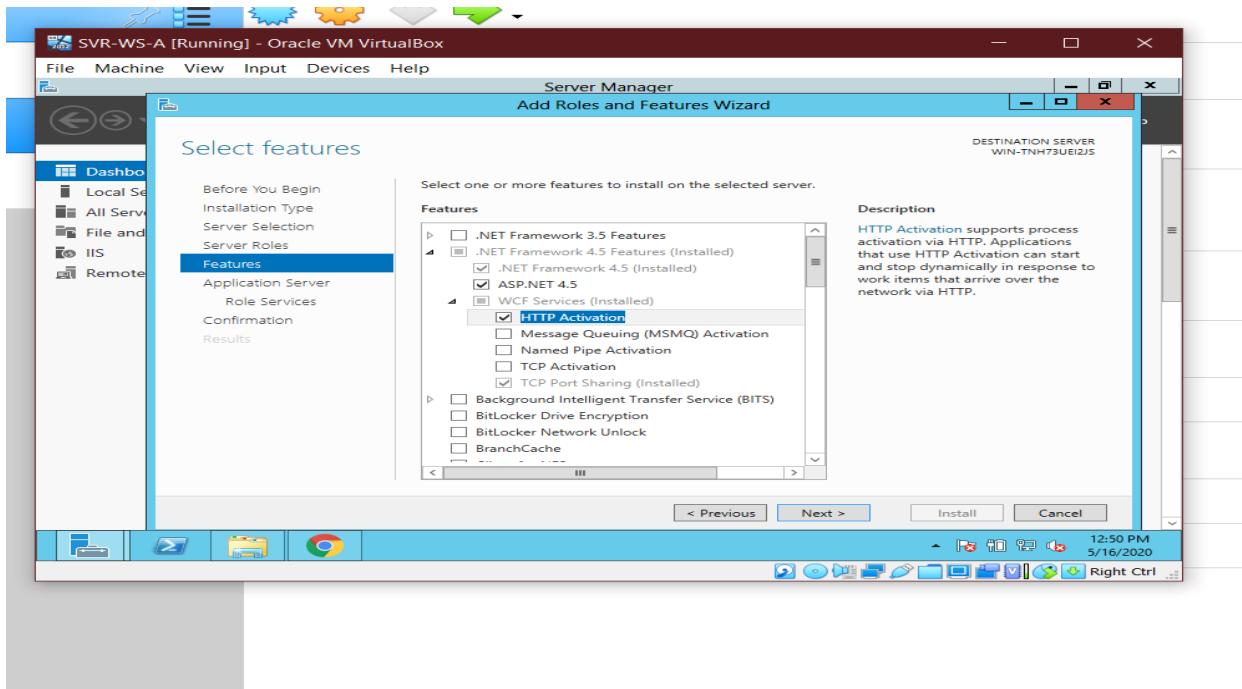
#### Step 4: Select ASP.NET 4.5, .NET Extensibility 4.5 and CGI from Server Roles.



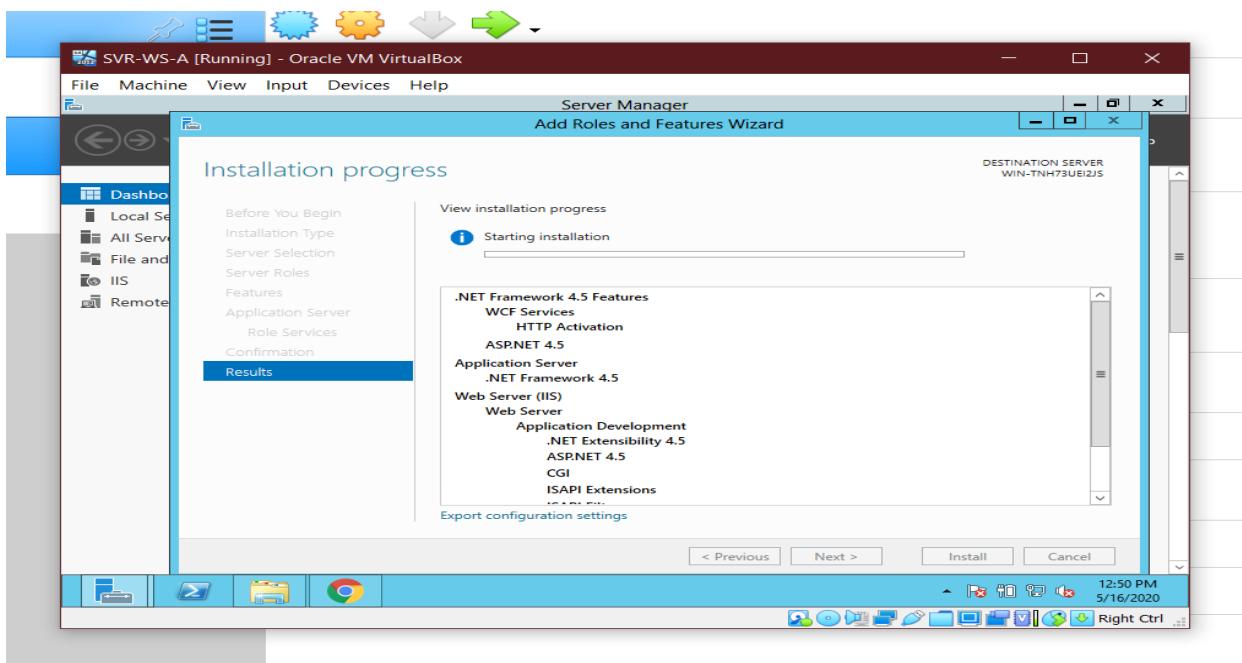
#### Step 5: Add application server from Server Roles



## Step 6: Add HTTP activation from Features



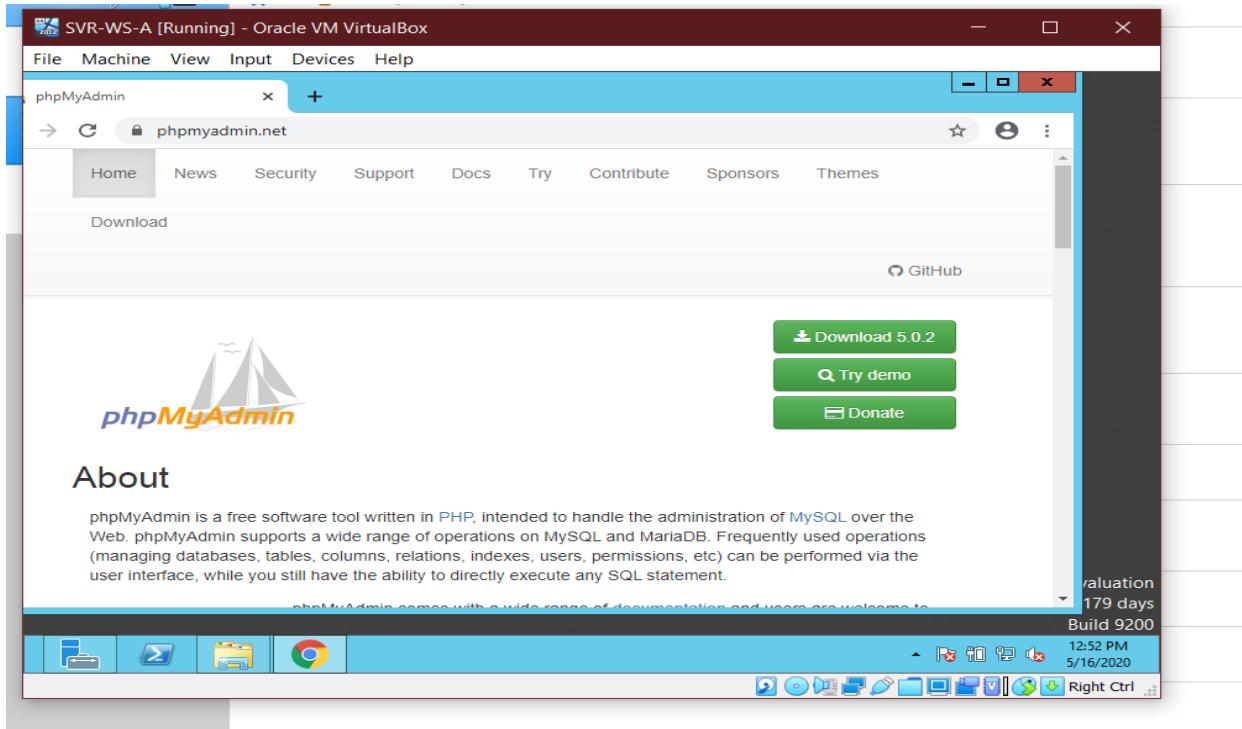
## Step 7: Starting installation



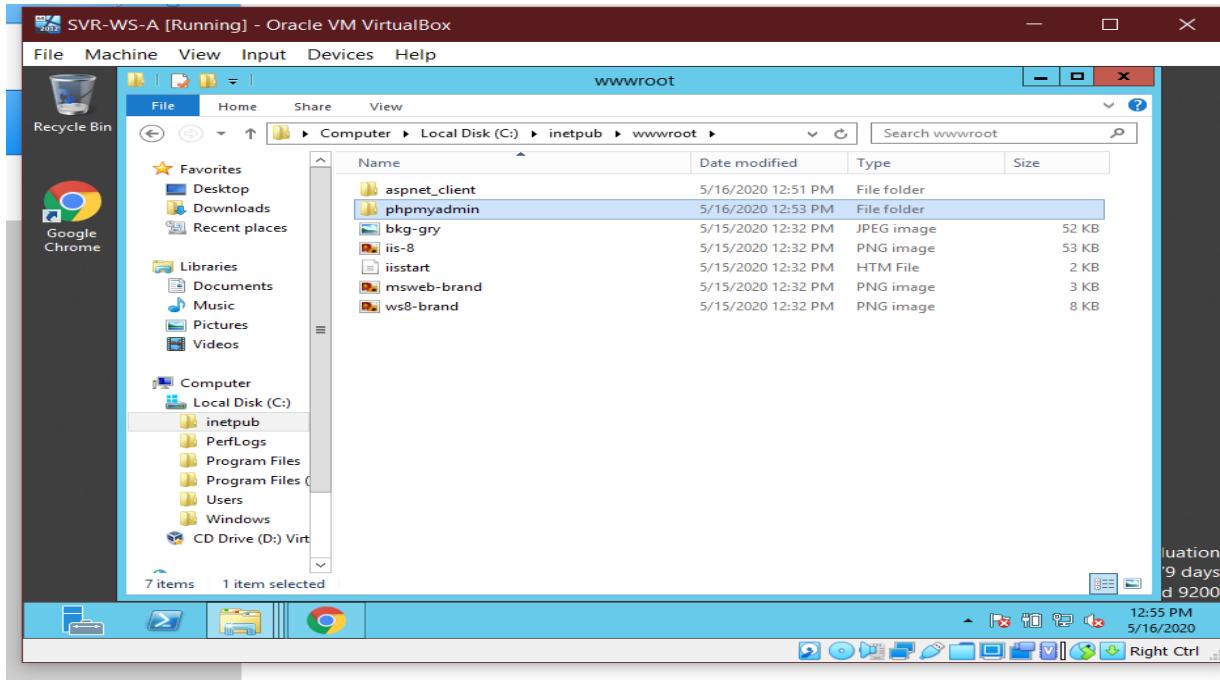
## 5.3 Download phpMyAdmin in Web-Server

Step 1: Download phpMyAdmin from its official site:

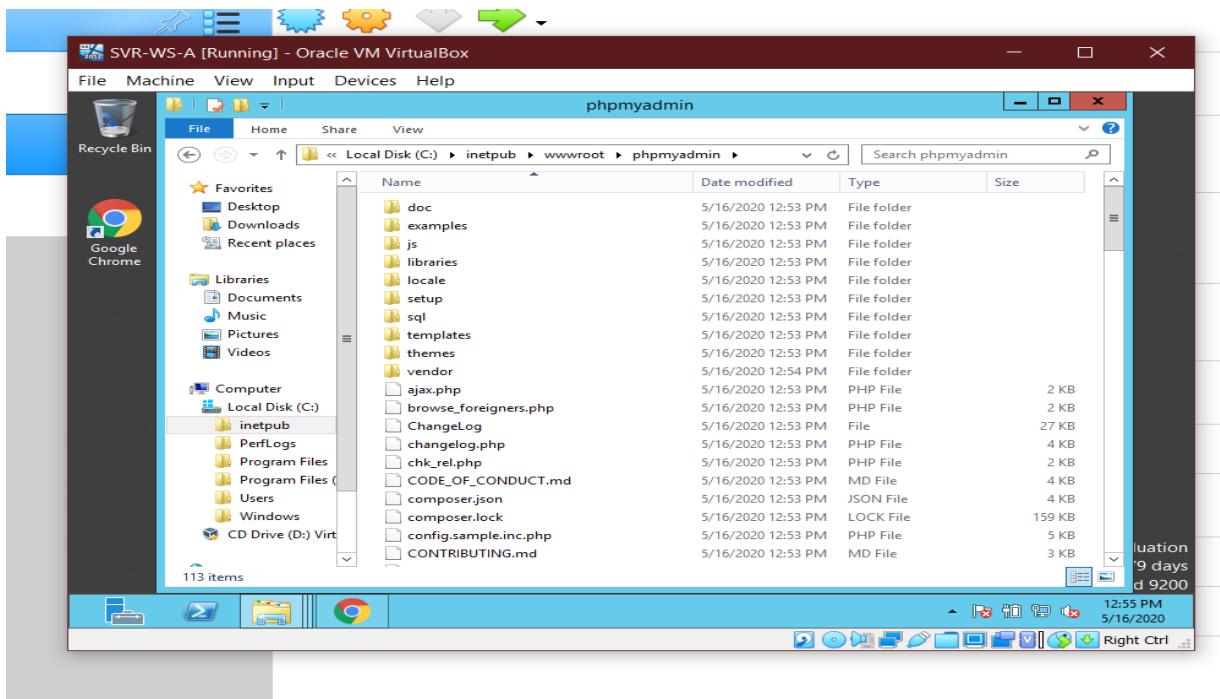
<https://www.phpmyadmin.net/>



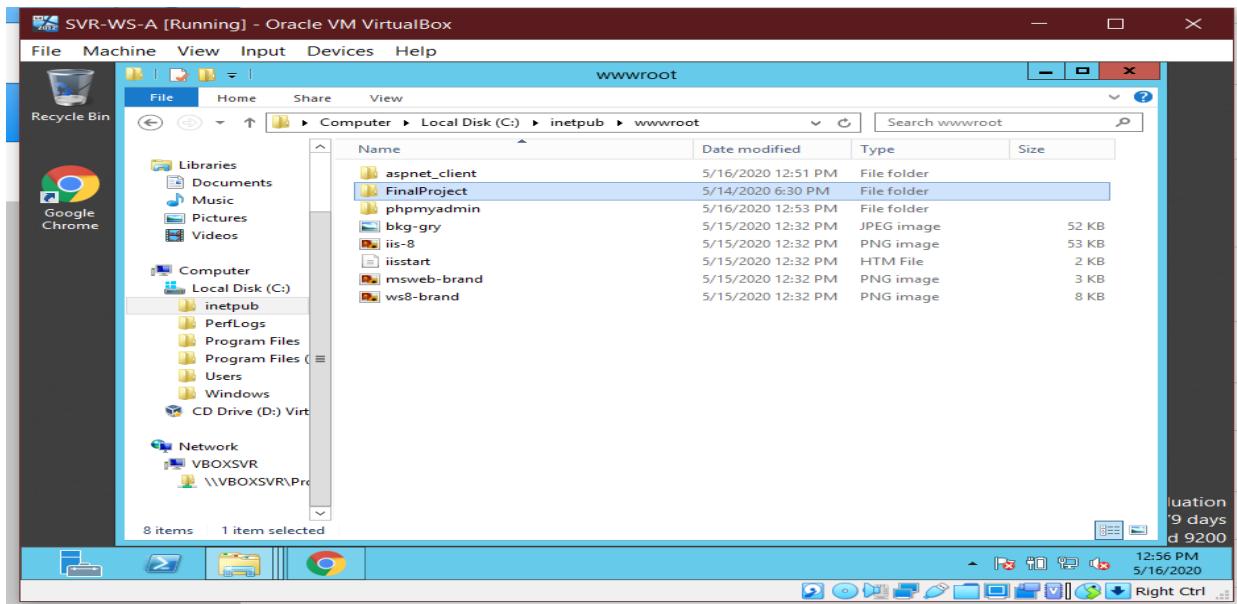
Step 2: Navigate to Local Drive c:/inetpub/wwwroot/phpMyAdmin.



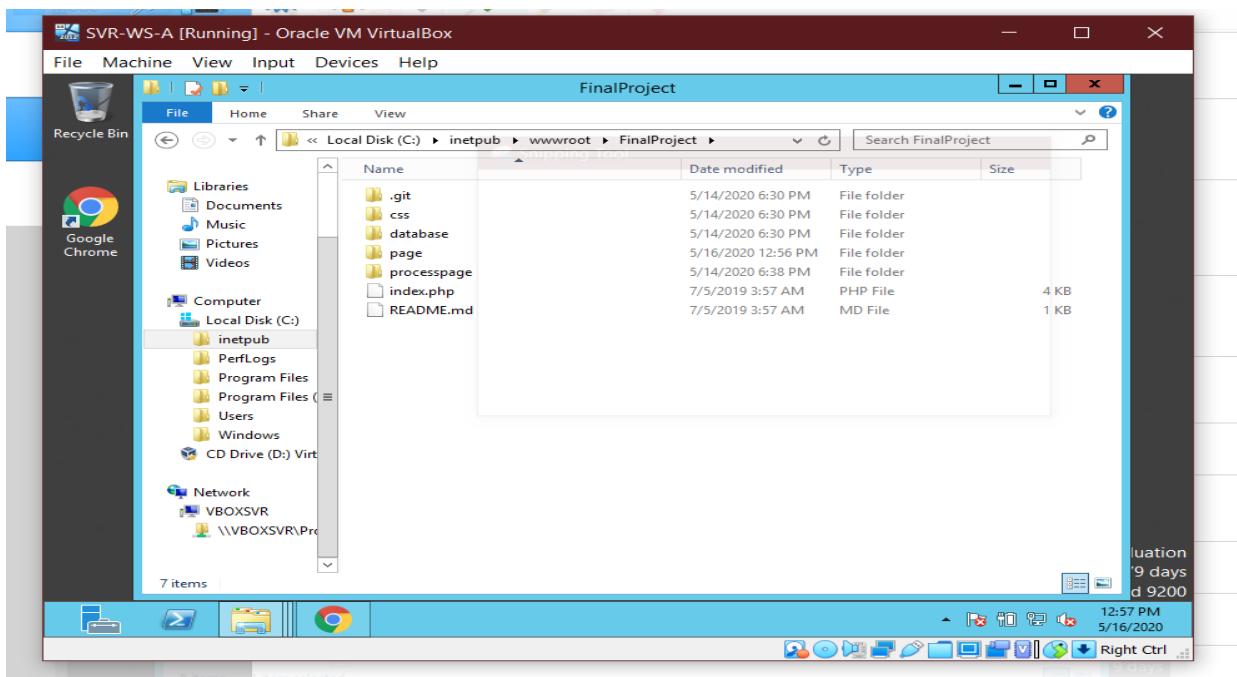
Step 3: Content of phpMyAdmin.



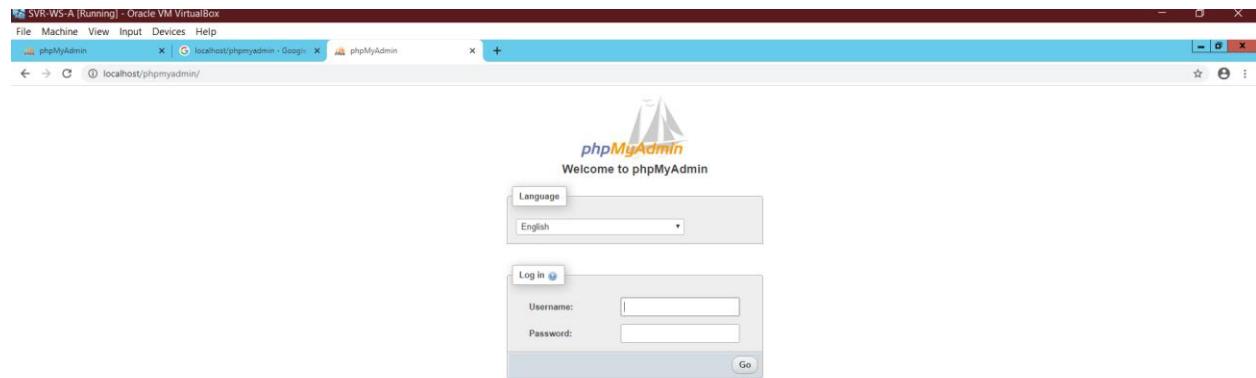
#### Step 4: Add Final Project folder in Drive c/interpub/wwwroot/ folder.



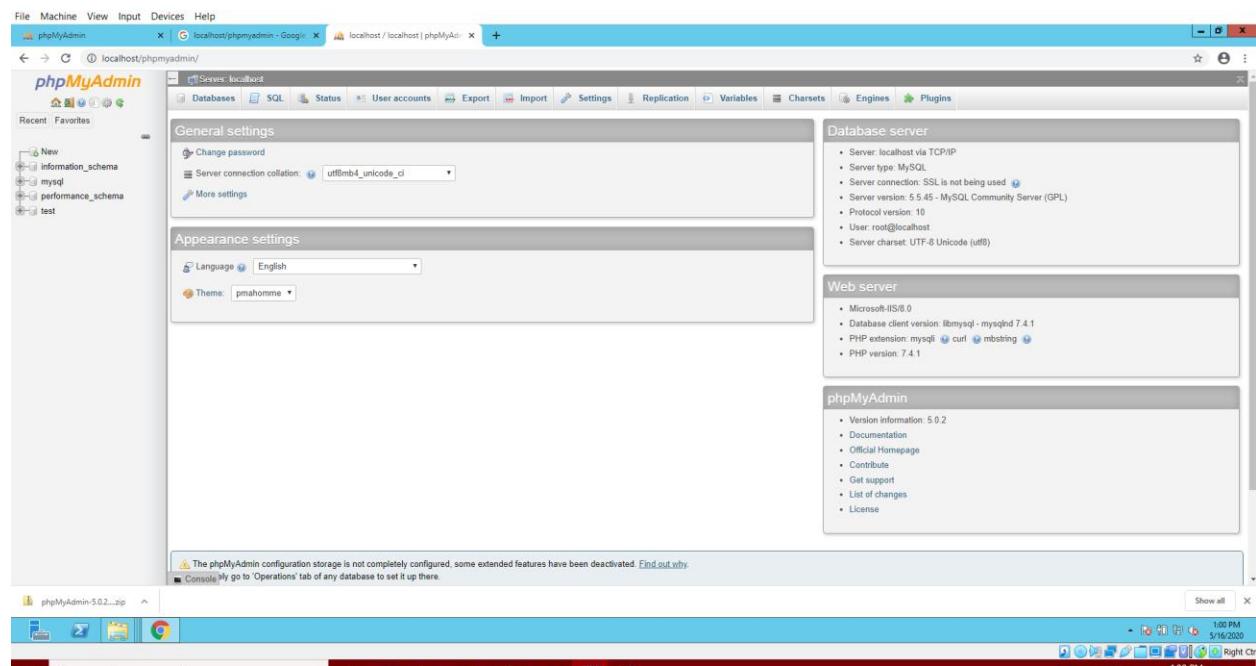
#### Step 5: Content of Final Project.



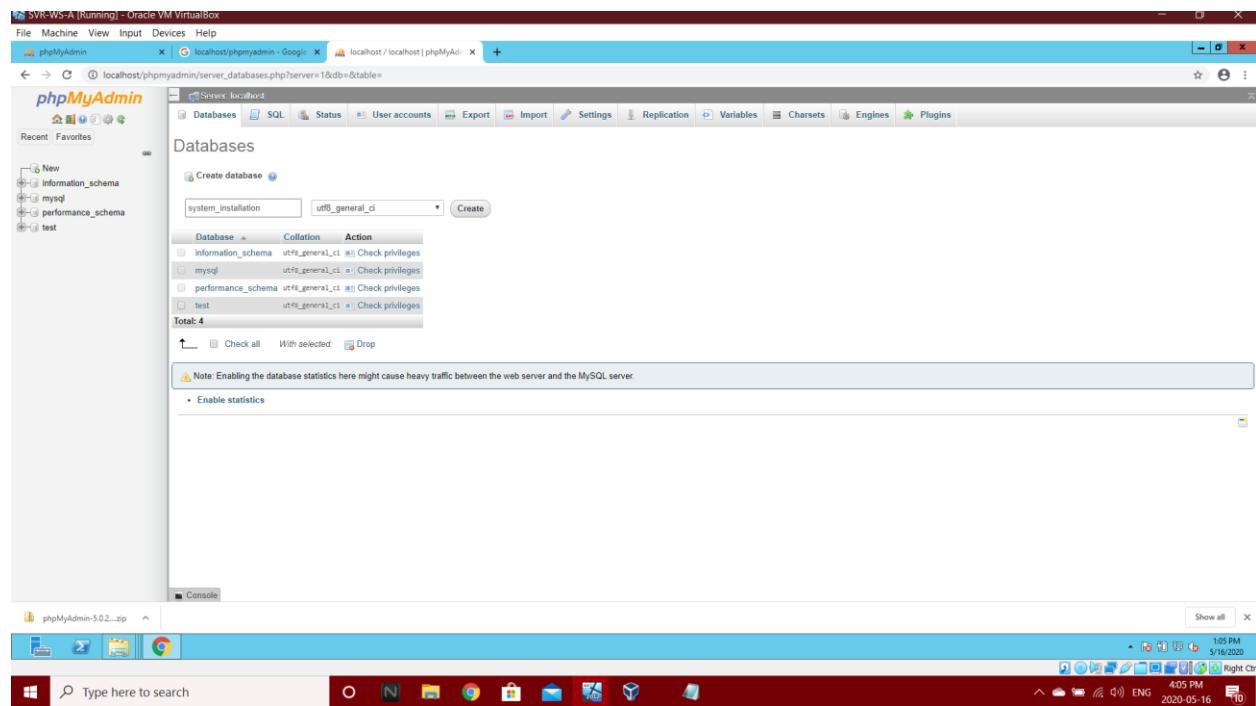
Step 6: Open the FinalProject by typing localhost/phpMyAdmin/ in browser.



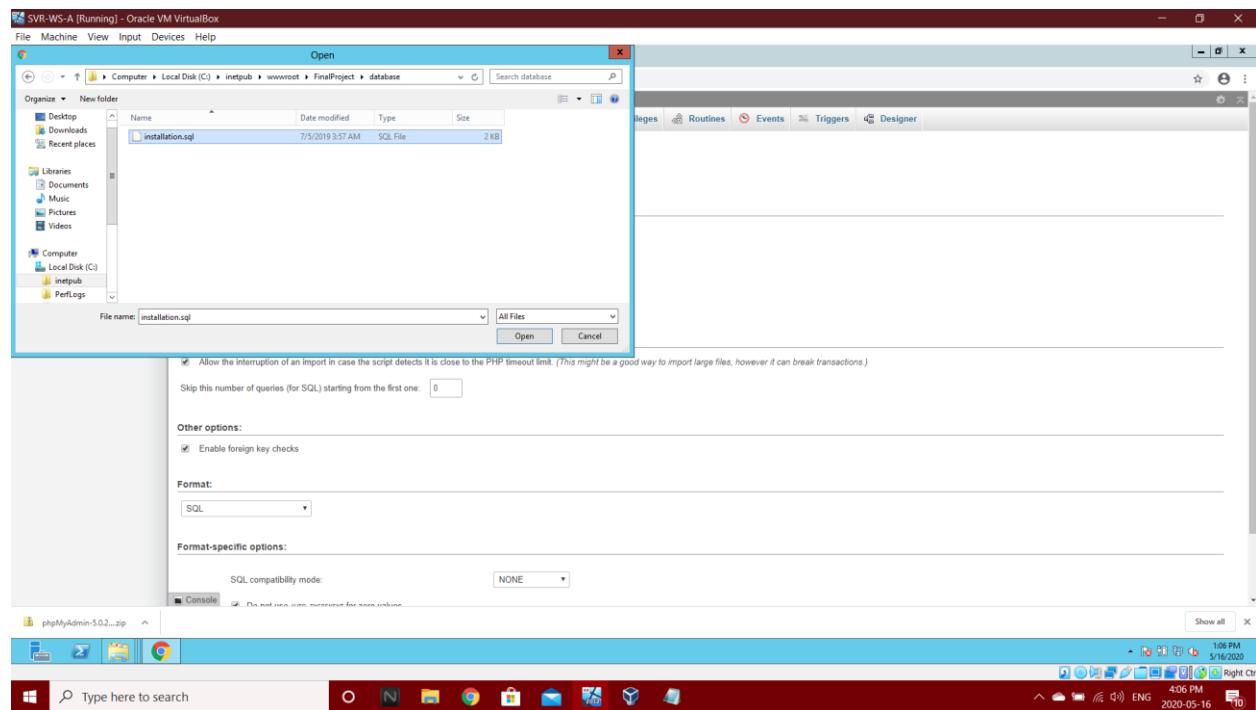
Step 7: PhpMyAdmin



## Step 8: Create database called as “system\_installation”.



## Step 9: Import the SQL file.



## Step 10: Records of Table named as “Installation”.

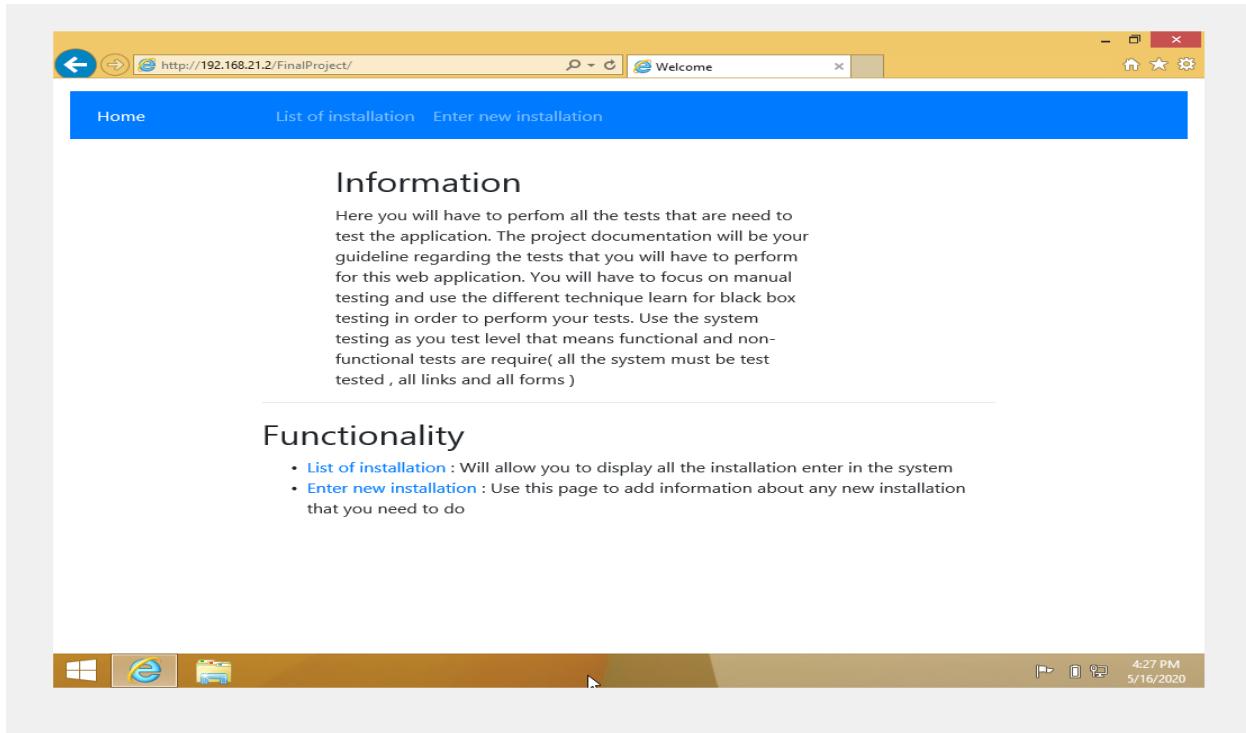
The screenshot shows the phpMyAdmin interface on a Windows desktop. The left sidebar lists databases: New, information\_schema, mysql, performance\_schema, system\_installation, test, and installation. The 'installation' database is selected. The main area displays the 'installation' table with the following data:

	environment	date	description	name	id	flow
<a href="#">Edit</a>	Windows	2019-06-12	trity	ghjgjfl	1	
<a href="#">Edit</a>	Windows	2019-06-12	trity	ghjgjfl	2	
<a href="#">Edit</a>	Windows Server	2019-06-11	x5	xc	3	
<a href="#">Edit</a>	Linux	2019-06-28	dr hgcb dhifx v	fdbd	4	Start
<a href="#">Edit</a>	Linux	2019-06-20	jbhjmvgfhngfbxdflsdzfbgdvxdc dzvxfgbhbjpk		5	Start

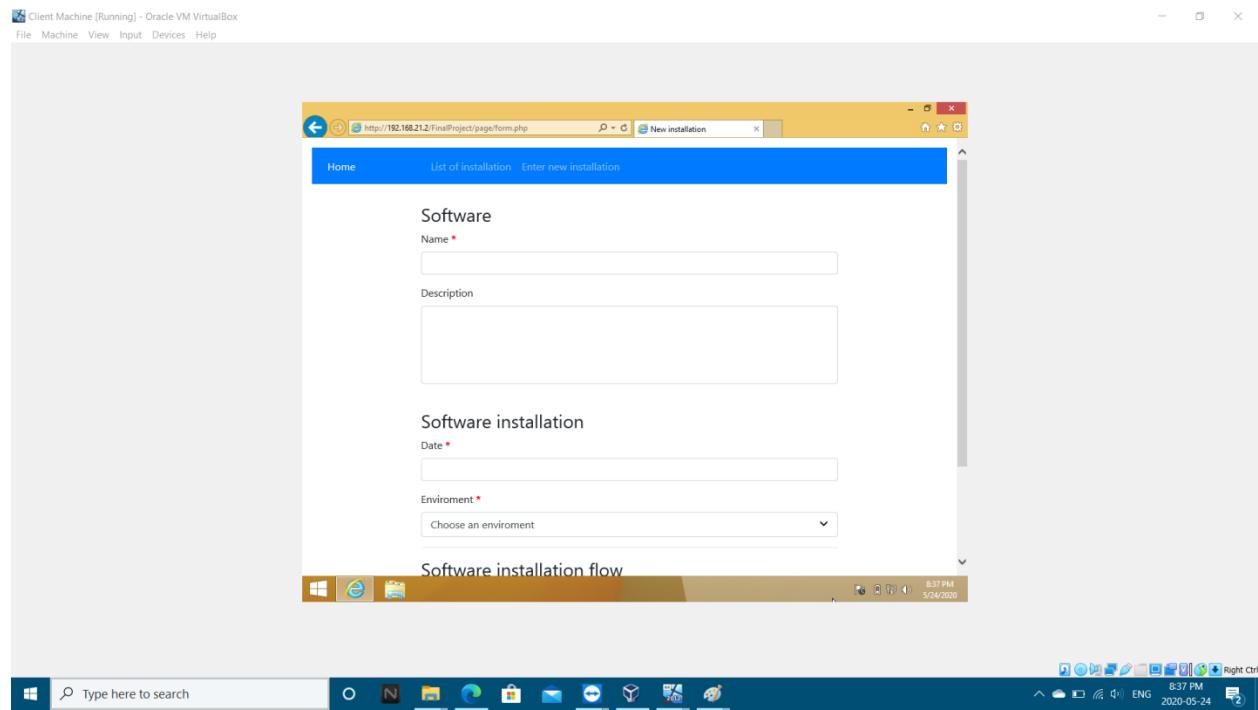
Below the table, there are buttons for 'Edit', 'Copy', 'Delete', 'Export', and 'Query results operations' (Print, Copy to clipboard, Export, Display chart, Create view). The bottom status bar shows the date and time: 5/16/2020, 4:08 PM, 2020-05-16.

## 5.4 Accessing the Web Application

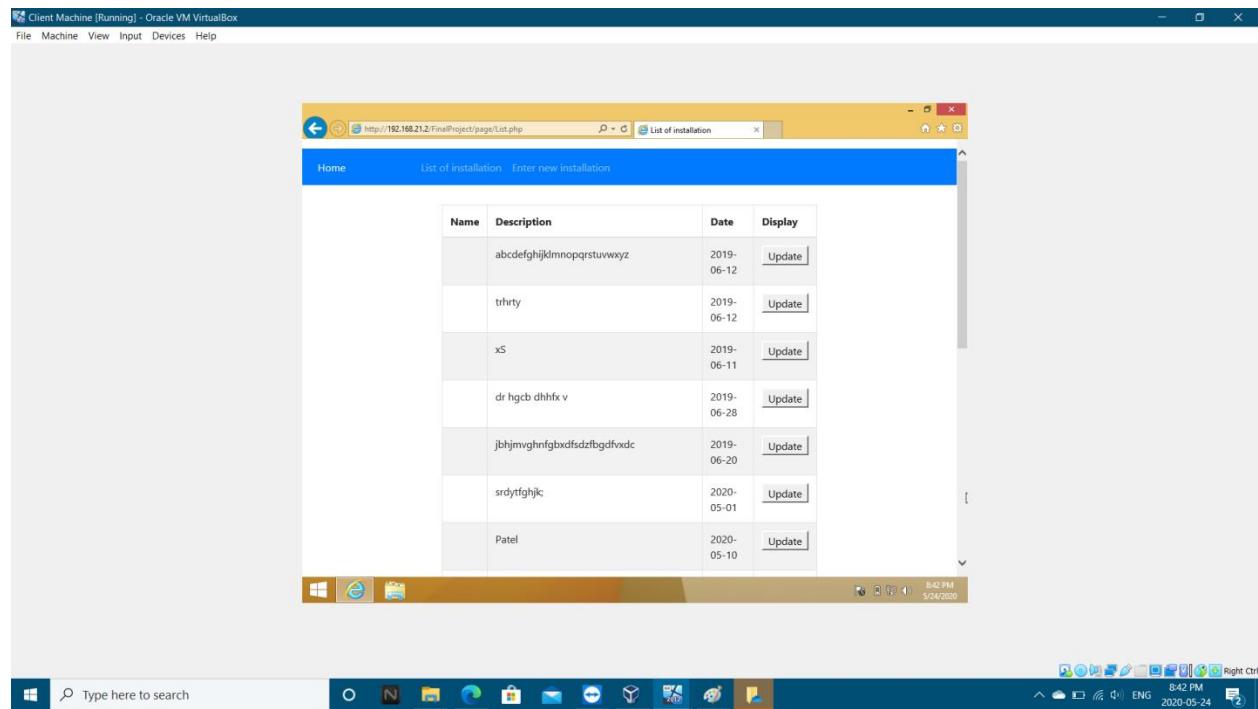
Step 1: Open Web application by writing 192.168.21.2/FinalProject in Browser of Client Machine.



Step 2: Check webpage “Enter New Installation” by clicking “Enter new Installation” Button on Navigation bar.



Step 2: Check webpage “List of Installation” by clicking “List of Installation” Button on Navigation bar.



# Chapter 6 : Test Cases

## 6.1 Positive Test Cases

1) Test case is about checking the functionality of Home Page.

A	B	C	D	E	F	G	H	I
1	Test Case ID	TC01						
2	Test Case Scenario	Verify the Functionality of Home Page						
3	Test Case Description	Test case is about checking the functionality of Home Page						
4	Created By	Team 4		Reviewed By	Hansy,Christy			
5	Environment	Windows, google Chrome,SQL						
6	Test ( positive / negative)	Positive		Status	Active	Priority	1	
7								
8	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
9								
10	S #	Pre-Conditions						
11	1	All Three Machines(Router, Web server, Client Machine) should be						
12	2	Web server (MySQL and PHP) should be connected						
13	3	Active Internet Connection						
14								
15	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
17	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
18	2	Click on "Home" on Navigation		It Should be displayed Home	It Displays Home Page.	Pass		

2) Test case is about checking the functionality of Home Page.

A	B	C	D	E	F	G	H	I
24	Test Case ID	TC02						
25	Test Case Scenario	Verify the Functionality of Home Page						
26	Test Case Description	Test case is about checking the functionality of Home Page						
27	Created By	Team 4		Reviewed By	Hansy,Christy			
28	Environment	Windows, google Chrome,SQL						
29	Test ( positive / negative)	Positive		Status	Active	Priority	1	
30								
31	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
32								
33	S #	Pre-Conditions						
34	1	All Three Machines(Router, Web server, Client Machine) should be						
35	2	Web server (MySQL and PHP) should be connected						
36	3	Active Internet Connection						
37								
38	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
40	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
41	2	Click on "Enter New Installation" on Navigation Bar		It Should be displayed Enter New Installation Page.	It Displays the Enter New Installation Page.	Pass		

3) Test case is about checking the functionality of Home Page.

	A	B	C	D	E	F	G	H	I
47	Test Case ID	TC03							
48	Test Case Scenario	Verify the Functionality of Home Page							
49	Test Case Description	Test case is about checking the functionality of Home Page							
50	Created By	Team 4		Reviewed By	Hansy,Christy				
51	Environment	Windows, google Chrome,SQL							
52	Test ( positive / negative)	Positive		Status	Active	Priority	1		
53									
54	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass		
55									
56	S #	Pre-Conditions							
57	1	All Three Machines(Router, Web server, Client Machine) should be							
58	2	Web server (MySQL and PHP) should be connected							
59	3	Active Internet Connection							
60									
61	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail			
63	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass			
64	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of Installation Page.	It Displays the List of Installation Page.	Pass			

4) Test case is about checking Name field by Entering Valid Data.

	A	B	C	D	E	F	G	H	I
70	Test Case ID	TC04							
71	Test Case Scenario	Verify the Functionality of Enter New Installation Page							
72	Test Case Description	Test case is about checking Name field by Entering Valid Data							
73	Created By	Team 4		Reviewed By	Hansy,Christy				
74	Environment	Windows, google Chrome,SQL							
75	Test ( positive / negative)	Positive		Status	Active	Priority	1		
76									
77	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass		
78									
79	S #	Pre-Conditions							
80	1	All Three Machines(Router, Web server, Client Machine) should be							
81	2	Web server (MySQL and PHP) should be connected							
82	3	Active Internet Connection							
83									
84	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail			
86	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass			
87	2	Click on "Enter New Installation" Button on the		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass			
88	3	Enter Data in Name Field and fill all other Details correctly.	Narendra Modi	It Should accept the Data.	It accepts the Data.	Pass			
89	4	Click On Submit Button		The Form Should be submitted Successfully.	It Submitted form Successfully.	Pass			

5) Test case is about checking Description field by Enterning Valid Data.

A	B	C	D	E	F	G	H	I
95	Test Case ID	TC05						
96	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
97	Test Case Description	Test case is about checking Description field by Enterning Valid Data						
98	Created By	Team 4		Reviewed By	Hansy,Christy			
99	Enviroment	Windows, google Chrome,SQL						
100	Test ( positive / negative)	Positive		Status	Active	Priority	1	
101								
102	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
103								
104	S #	Pre-Conditions						
105	1	All Three Machines(Router, Web server,Client Machine) should be						
106	2	Web server (MySQL and PhP) should be connected						
107	3	Active Interent Connection						
108								
109	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
111	1	Nevigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
112	2	Click on "Enter New installation" Button on the		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
113	3	Enter Data in Description Field and fill all other details	Narendra Modi is a Prime Minister Of	It Should accept the Data.	It accepts the Data.	Pass		
114	4	Click On Submit Button		The Form Should be submitted Successfully.	It Submitted form Successfully.	Pass		

6) Test case is about checking Date field by Entering Valid Data.

A	B	C	D	E	F	G	H	I
119	Test Case ID	TC06						
120	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
121	Test Case Description	Test case is about checking Date field by Enterning Valid Data						
122	Created By	Team 4		Reviewed By	Hansy,Christy			
123	Enviroment	Windows, google Chrome,SQL						
124	Test ( positive / negative)	Positive		Status	Active	Priority	1	
125								
126	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
127								
128	S #	Pre-Conditions						
129	1	All Three Machines(Router, Web server,Client Machine) should be						
130	2	Web server (MySQL and PhP) should be connected						
131	3	Active Interent Connection						
132								
133	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
135	1	Nevigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
136	2	Click on "Enter New installation" Button on the		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
137	3	Enter Data in Date Field and fill all other details successfully.	2020-05-10	It Should accept the Data.	It accepts the Data.	Pass		
138	4	Click On Submit Button		The Form Should be submitted Successfully.	It Submitted form Successfully.	Pass		

7) Test case is about checking Environment field by Entering Valid Data.

A	B	C	D	E	F	G	H	I
143	<b>Test Case ID</b>	TC07						
144	<b>Test Case Scenario</b>	Verify the Functionality of Enter New Installation Page						
145	<b>Test Case Description</b>	Test case is about checking Environment field by Entering Valid Data						
146	<b>Created By</b>	Team 4		<b>Reviewed By</b>	Hansy,Christy			
147	<b>Environment</b>	Windows, google Chrome,SQL						
148	<b>Test ( positive / neg )</b>	Positive		<b>Status</b>	Active	<b>Priority</b>	1	
149								
150	<b>Tested by</b>	Team 4		<b>Date</b>	2020-05-22	<b>Test Case</b>	Pass	
151								
152	<b>S #</b>	<b>Pre-Conditions</b>						
153	1	All Three Machines(Router, Web server, Client Machine) should be						
154	2	Web server (MySQL and PHP) should be connected						
155	3	Active Internet Connection						
156								
157	<b>Step #</b>	<b>Step Details</b>	<b>Test Data</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass /</b>		
159	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
160	2	Click on "Enter New installation" Button on the		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
161	3	Select Option From	Unix	It Should accept the Data.	It accepts the Data.	Pass		
162	4	Select Option From	Linux	It Should accept the Data.	It accepts the Data.	Pass		
163	5	Select Option From	Windows Server	It Should accept the Data.	It accepts the Data.	Pass		
164	6	Select Option From	Window	It Should accept the Data.	It accepts the Data.	Pass		
165	7	Select Option From	Linux	It Should accept the Data.	It accepts the Data.	Pass		
166	8	Click On Submit Button		The Form Should be submitted Successfully.	It accepts the Data.	Pass		

8) Enter More than 250 Characters in Description and it should not be accepted.

A	B	C	D	E	F	G	H	I
172	<b>Test Case ID</b>	TC08						
173	<b>Test Case Scenario</b>	Verify the Functionality of Enter New Installation Page						
174	<b>Test Case Description</b>	Enter More than 250 Characters in Description and it should not be accepted.						
175	<b>Created By</b>	Team 4		<b>Reviewed By</b>	Hansy,Christy			
176	<b>Environment</b>	Windows, google Chrome,SQL						
177	<b>Test ( positive / neg )</b>	Positive		<b>Status</b>	Active	<b>Priority</b>	1	
178								
179	<b>Tested by</b>	Team 4		<b>Date Tested</b>	2020-05-22	<b>Test Case</b>	Pass	
180								
181	<b>S #</b>	<b>Pre-Conditions</b>						
182	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
183	2	Web server (MySQL and PHP) should be connected						
184	3	Active Internet Connection						
185								
186	<b>Step #</b>	<b>Step Details</b>	<b>Test Data</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass /</b>		
188	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
189	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
190	3	Enter More than 250 Characters in Description Field and fill all other details Correctly.	Narendra Damodardas Modi is an Indian politician serving as the 14th and current Prime Minister of India since 2014. He was the Chief Minister of Gujarat from 2001 to 2014 and is the Member of Parliament for Varanasi. N.D. Modi is a member of the BJP.	It Should Accept Description.	It Accepts Description.	Pass		
191	4	Click on Submit Button		It Should be displayed Description Filled is not allowed to have more than 250 Characters.	It Displays "No more than 250 character in the field description".	Pass		

9) Enter Future date in Date filled and It Should not be Accepted.

A	B	C	D	E	F	G	H	I
196								
197	Test Case ID	TC09						
198	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
199	Test Case Description	Enter Future date in Date filled and It Should not be Accepted.						
200	Created By	Team 4		Reviewed By	Hansy,Christy			
201	Environment	Windows, google Chrome,SQL						
202	Test ( positive / negative )	Positive		Status	Active	Priority	1	
203								
204	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
205								
206	S #	Pre-Conditions						
207	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
208	2	Web server (MySQL and PHP) should be connected						
209	3	Active Internet Connection						
210								
211	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
213	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
214	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
215	3	Enter Future Date and Fill all other Details Correctly.	2021-04-25	It Should Accept Date.	It Accepts the Date.	Pass		
216	4	Click on Submit Button		It Should be Displayed Error Message.	It Displays Error Message "The date can not be a future date".	Pass		

10) Test case is about checking the functionality of Update button.

A	B	C	D	E	F	G	H	I
221								
222	Test Case ID	TC10						
223	Test Case Scenario	Verify the Functionality of List of Installation Page						
224	Test Case Description	Test case is about checking the functionality of Update button						
225	Created By	Team 4		Reviewed By	Hansy,Christy			
226	Environment	Windows, google Chrome,SQL						
227	Test ( positive / negative )	Positive		Status	Active	Priority	1	
228								
229	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
230								
231	S #	Pre-Conditions						
232	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
233	2	Web server (MySQL and PHP) should be connected						
234	3	Active Internet Connection						
235								
236	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
238	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
239	2	Click on "List of installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
240	3	Click on "Update" Button of any Record		It Should be displayed Update installation Page.	It Displays the Update installation Page.	Pass		

11) Test case is about checking Name field by Entering Valid Data.

A	B	C	D	E	F	G	H	I
245								
246	Test Case ID	TC11						
247	Test Case Scenario	Verify the Functionality of Update Installation Page						
248	Test Case Description	Test case is about checking Name field by Entering Valid Data						
249	Created By	Team 4		Reviewed By	Hansy,Christy			
250	Environment	Windows, google Chrome,SQL						
251	Test ( positive / negative)	Positive		Status	Active	Priority	1	
252								
253	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
254								
255	S #	Pre-Conditions						
256	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
257	2	Web server (MySQL and PHP) should be connected						
258	3	Active Internet Connection						
259								
260	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
262	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
263	2	Click on "List of installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
264	3	Click on Update button of Any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
265	4	Enter Data in Name Field and fill all other details successfully.	Narendra Modi	It Should accept the Data.	It accepts the Data.	Pass		
266	5	Click On Update Button		The Form Should be submitted Successfully.	It Submitted form Successfully.	Pass		

12) Test case is about checking Description field by Entering Valid Data.

A	B	C	D	E	F	G	H	I
271								
272	Test Case ID	TC12						
273	Test Case Scenario	Verify the Functionality of Update Installation Page						
274	Test Case Description	Test case is about checking Description field by Entering Valid Data						
275	Created By	Team 4		Reviewed By	Hansy,Christy			
276	Environment	Windows, google Chrome,SQL						
277	Test ( positive / negative)	Positive		Status	Active	Priority	1	
278								
279	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
280								
281	S #	Pre-Conditions						
282	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
283	2	Web server (MySQL and PHP) should be connected						
284	3	Active Internet Connection						
285								
286	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
288	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
289	2	Click on "List of installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
290	3	Click on Update button of Any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
291	4	Enter Data in Description Field and fill all other details successfully.	Narendra Modi is prime Minister of India.	It Should accept the Data.	It accepts the Data.	Pass		
292	5	Click On Update Button		The Form Should be submitted Successfully.	It Submitted form Successfully.	Pass		

13) Test case is about checking Date field by Entering Valid Data.

A	B	C	D	E	F	G	H	I
299	Test Case ID	TC13						
300	Test Case Scenario	Verify the Functionality of Update Installation Page						
301	Test Case Description	Test case is about checking Date field by Enterning Valid Data						
302	Created By	Team 4		Reviewed By	Hansy,Christy			
303	Enviroment	Windows, google Chrome,SQL						
304	Test ( positive / negative)	Positive		Status	Active	Priority	1	
305								
306	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
307								
308	S #	Pre-Conditions						
309	1	All Three Machines(Router, Web server,Client Machine) should be Started.						
310	2	Web server (MySQL and PhP) should be connected						
311	3	Active Interent Connection						
312								
313	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
315	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
316	2	Click on "List of installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
317	3	Click on Update button of Any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
318	4	Enter Data in Date Field and fill all other details successfully.	2020-05-15	It Should accept the Data.	It accepts the Data.	Pass		
319	5	Click On Update Button		The Form Should be submitted Successfully.	It Submitted form Successfully.	Pass		

14) Test case is about checking Environment field by Entering Valid Data.

A	B	C	D	E	F	G	H	I
325	Test Case ID	TC14						
326	Test Case Scenario	Verify the Functionality of Update Installation Page						
327	Test Case Description	Test case is about checking Environment field by Enterning Valid Data						
328	Created By	Team 4		Reviewed By	Hansy,Christy			
329	Enviroment	Windows, google Chrome,SQL						
330	Test ( positive / negative)	Positive		Status	Active	Priority	1	
331								
332	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
333								
334	S #	Pre-Conditions						
335	1	All Three Machines(Router, Web server,Client Machine) should be Started.						
336	2	Web server (MySQL and PhP) should be connected						
337	3	Active Interent Connection						
338								
339	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
341	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
342	2	Click on "List of installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
343	3	Click on Update button of Any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
344	4	Select Option From Environment	Unix	It Should accept the Data.	It accepts the Data.	Pass		
345	5	Select Option From Environment	Linux	It Should accept the Data.	It accepts the Data.	Pass		
346	6	Select Option From Environment	Windows Server	It Should accept the Data.	It accepts the Data.	Pass		
347	7	Select Option From Environment	Window	It Should accept the Data.	It accepts the Data.	Pass		
348	7	Select Option From Environment	Linux	It Should accept the Data.	It accepts the Data.	Pass		

15) Enter Empty Name and It Should not be Accepted.

A	B	C	D	E	F	G	H	I
355	Test Case ID	TC15						
356	Test Case Scenario	Verify the Functionality of Update Installation Page						
357	Test Case Description	Enter Empty Name and It Should not be Accepted.						
358	Created By	Team 4		Reviewed By	Hansy,Christy			
359	Environment	Windows, google Chrome,SQL						
360	Test ( positive / negative)	Positive		Status	Active	Priority	1	
361								
362	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
363								
364	S #	Pre-Conditions						
365	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
366	2	Web server (MySQL and PHP) should be connected						
367	3	Active Internet Connection						
368								
369	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
371	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
372	2	Click on "List of installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
373	3	Click on Update button of Any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
374	4	Enter Empty Name and fill all other details successfully.		It Should accept the Data.	It accepts the Data.	Pass		
375	5	Click On Update Button		Form Should not be submit Successfully.	It Displayed "Name Field is Required".	Pass		

16) Enter Empty Date and It Should not be Accepted.

A	B	C	D	E	F	G	H	I
380								
381	Test Case ID	TC16						
382	Test Case Scenario	Verify the Functionality of Update Installation Page						
383	Test Case Description	Enter Empty Date and It Should not be Accepted.						
384	Created By	Team 4		Reviewed By	Hansy,Christy			
385	Environment	Windows, google Chrome,SQL						
386	Test ( positive / negative)	Positive		Status	Active	Priority	1	
387								
388	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Pass	
389								
390	S #	Pre-Conditions						
391	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
392	2	Web server (MySQL and PHP) should be connected						
393	3	Active Internet Connection						
394								
395	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
397	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
398	2	Click on "List of installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
399	3	Click on Update button of Any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
400	4	Enter Empty Date and fill all other details successfully.		It Should accept the Data.	It accepts the Data.	Pass		
401	5	Click On Update Button		Form Should not be submit Successfully.	It Displays error message.	Pass		

## 6.2 Negative Test Cases

1) Test case is about checking the functionality of Home Page.

A	B	C	D	E	F	G	H	I
1	Test Case ID	TC01						
2	Test Case Scenario	Verify the Functionality of Home Page						
3	Test Case Description	Test case is about checking the functionality of Home Page						
4	Created By	Team 4		Reviewed By	Hansy,Christy			
5	Environment	Windows, google Chrome,SQL						
6	Test (negative / negative)	Negative		Status	Active	Priority	1	
7								
8	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
9								
10	S #	Pre-Conditions						
11	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
12	2	Web server (MySQL and PHP) should be connected						
13	3	Active Internet Connection						
14								
15	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
17	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
18	2	Click on "Enter New Installation" Link under Functionality section in Home Page.		It Should be displayed Enter New Installation Page.	It was not Display Enter New Installation Page.	Fail		

Incident title	Verify the Functionality of Home Page
Incident ID	I01
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject">192.168.21.2/FinalProject</a>
Test case ID	TC01
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	We check Verify the Functionality of Home Page
reproduction of steps	1) Navigate to the Website 2) Click on "Enter New Installation" Link under Functionality section in Home Page.
expected results	It Should be displayed Enter New Installation Page.
actual results	It was not Display Enter New Installation Page.

2) Test case is about checking the functionality of Home Page.

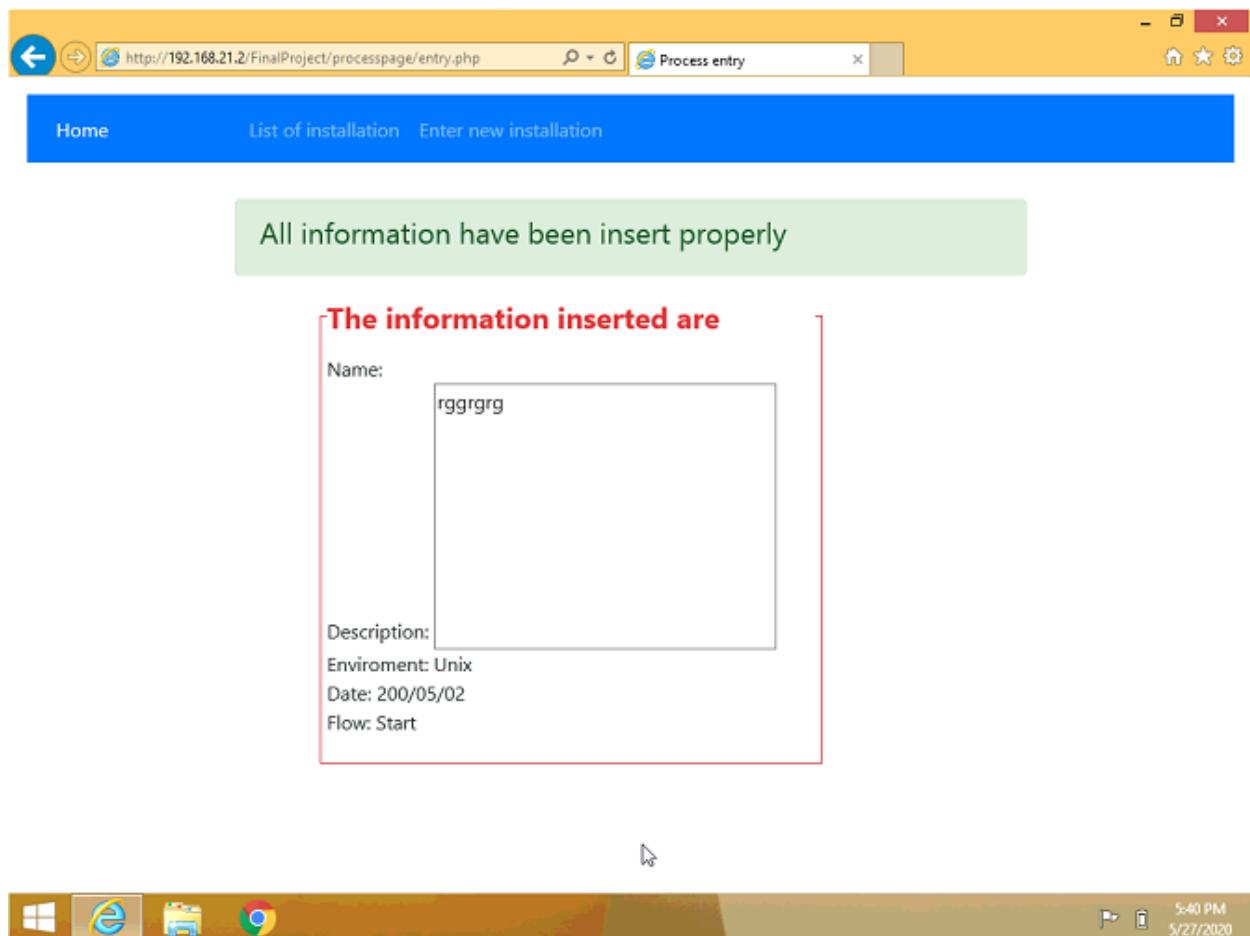
	A	B	C	D	E	F	G	H	I
24	Test Case ID	TC02							
25	Test Case Scenario	Verify the Functionality of Home Page							
26	Test Case Description	Test case is about checking the functionality of Home Page							
27	Created By	Team 4		Reviewed By	Hansy,Christy				
28	Environment	Windows, google Chrome,SQL							
29	Test (negative / negative)	Negative		Status	Active	Priority	1		
30									
31	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail		
32									
33	S #	Pre-Conditions							
34	1	All Three Machines(Router, Web server, Client Machine) should be Started.							
35	2	Web server (MySQL and PHP) should be connected							
36	3	Active Internet Connection							
37									
38	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail			
40	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass			
41	2	Click on "List of Installation" Link under Functionality section in Home Page.		It Should be displayed List of Installation Page.	It was not Display List of Installation Page.	Fail			

<b>Incident title</b>	Verify the Functionality of Home Page
<b>Incident ID</b>	I02
<b>Product</b>	
<b>Version</b>	1
<b>Area Path</b>	<a href="http://192.168.21.2/FinalProject">192.168.21.2/FinalProject</a>
<b>Test case ID</b>	TC02
<b>severity</b>	High
<b>Priority</b>	1
<b>Assigned to</b>	Hansy ross salvant, Christobell Cuya
<b>Reported By</b>	Team 4
<b>Reported On</b>	28/05/2020
<b>Status</b>	Active
<b>Operating system</b>	Windows 8.1
<b>Platform</b>	Windows, IOS
<b>Description of incident</b>	We check Verify the Functionality of Home Page
<b>reproduction of steps</b>	1) Navigate to the Website 2) Click on "List of Installation" Link under Functionality section in Home Page.
<b>expected results</b>	It Should be displayed List of Installation Page.
<b>actual results</b>	It was not Display List of Installation Page.

3) Enter Empty Name and It Should not be Accepted.

A	B	C	D	E	F	G	H	I
47	Test Case ID	TC03						
48	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
49	Test Case Description	Enter Empty Name and It Should not be Accepted.						
50	Created By	Team 4		Reviewed By	Hansy,Christy			
51	Environment	Windows, google Chrome,SQL						
52	Test (negative / negative)	Negative		Status	Active	Priority	1	
53								
54	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
55								
56	S #	Pre-Conditions						
57	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
58	2	Web server (MySQL and PHP) should be connected						
59	3	Active Internet Connection						
60								
61	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
62	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
63	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
64	3	Enter Name as Empty and Fill all other Details Correctly.		It Should Accept the Data.	It Accepts the Data.	Pass		
65	4	Click on Submit Button		The Form Should Not be submitted Successfully.	Form Submitted Successfully.	Fail		
66								

Incident title	Verify the Functionality of Enter New Installation Page
Incident ID	I03
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/form.php">192.168.21.2/FinalProject/page/form.php</a>
Test case ID	TC01
Severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Enter Empty Name and It Should not be Accepted.
reproduction of steps	1) Navigate to the Website 2) Click on "Enter New installation" Button on the Navigation Bar 3) Enter Name as Empty and Fill all other Details Correctly. 4) Click on Submit Button.
Expected results	The Form Should Not be submitted Successfully.
actual results	Form Submitted Successfully.



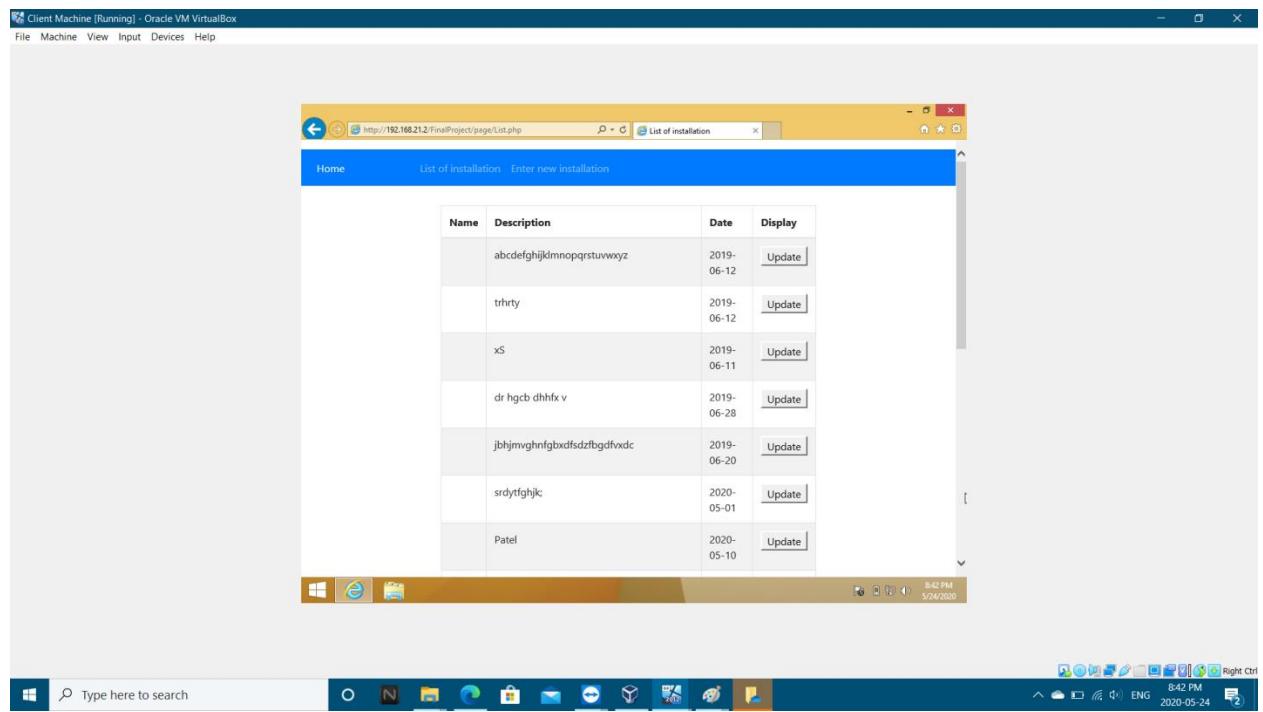
4) Select Finish in Software Installation Flow and It Should Be Accepted.

A	B	C	D	E	F	G	H	I
72	Test Case ID	TC04						
73	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
74	Test Case Description	Select Finish in Software Installation Flow and It Should Be Accepted.						
75	Created By	Team 4		Reviewed By	Hansy,Christy			
76	Enviroment	Windows, google Chrome,SQL						
77	Test (negative / negative)	Negative		Status	Active	Priority	1	
78								
79	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
80								
81	S #	Pre-Conditions						
82	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
83	2	Web server (MySQL and PHP) should be connected						
84	3	Active Internet Connection						
85								
86	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
87	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
88	2	Click on "Enter New installation"		It Should be displayed Enter	It Displays the Enter New	Pass		
89	3	Select Finish Radio Button in Software Installation Flow		It Should Accept the Data.	It was not accept the Data.	Fail		
90								
Incident title		Verify the Functionality of radio button in Enter New Installation Page						
Incident ID		I04						
Product								
Version		1						
Area Path		<a href="http://192.168.21.2/FinalProject/page/form.php">192.168.21.2/FinalProject/page/form.php</a>						
Test case ID		TC04						
severity		High						
Priority		1						
Assigned to		Hansy ross salvant, Christobell Cuya						
Reported By		Team 4						
Reported On		28/05/2020						
Status		Active						
Operating system		Windows 8.1						
Platform		Windows, IOS						
Description of incident		Select Finish in Software Installation Flow and It Should Be Accepted.						
reproduction of steps		1) Navigate to the Website 2) Click on "Enter New installation" Button on the Navigation Bar 3) Select Finish Radio Button in Software Installation Flow						
expected results		It Should Accept the finish button.						
actual results		It was unable to click on finish radio button.						

5) It should Display All the Field while clicking on list of installation Button.

A	B	C	D	E	F	G	H	I
96	Test Case ID	TC05						
97	Test Case Scenario	Verify the Functionality of List of Installation Page						
98	Test Case Description	It should Display All the Field.						
99	Created By	Team 4		Reviewed By	Hansy,Christy			
100	Enviroment	Windows, google Chrome,SQL						
101	Test ( negative / negative)	Negative		Status	Active	Priority	1	
102								
103	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
104								
105	S #	Pre-Conditions						
106	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
107	2	Web server (MySQL and PHP) should be connected						
108	3	Active Internet Connection						
109								
110	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
111	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home Page	It Displays Home Page.	pass		
112	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
113	3	Find the Details of Name Field.		It Should Display the Name Field.	It was not display the name Field.	Fail		
114								

Incident title	Verify the Functionality of List of Installation Page
Incident ID	I05
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/list.php">192.168.21.2/FinalProject/page/list.php</a>
Test case ID	TC05
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	It should Display All the Field while clicking on list of installation Button.
reproduction of steps	1) Navigate to the Website 2) Click on "List of Installation" Button on the Navigation Bar 3) Find the Details of Name Field.
expected results	It Should Display the Name Field.
actual results	It was not display the name Field.



6) We should select Finish Radio Button in the Software Installation Flow.

A	B	C	D	E	F	G	H	I
120	Test Case ID	TC06						
121	Test Case Scenario	Verify the Functionality of Update Installation Page						
122	Test Case Description	We should select Finish Radio Button in the Software Installation Flow						
123	Created By	Team 4		Reviewed By	Hansy,Christy			
124	Environment	Windows, google Chrome,SQL						
125	Test (negative / negative)	negative		Status	Active	Priority	1	
126								
127	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
128								
129	S #	Pre-Conditions						
130	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
131	2	Web server (MySQL and PHP) should be connected						
132	3	Active Internet Connection						
133								
134	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
136	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
137	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
138	3	Click on Update Button of any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
139	4	Click on Finish Radio Button in Software Installation Flow		It Should be Selected.	It was not Selected.	Fail		
<hr/>								
Incident title	It should Display All the Fields.							
Incident ID	I06							
Product								
Version	1							
Area Path	<a href="http://192.168.21.2/FinalProject/page/update.php?id=21">192.168.21.2/FinalProject/page/update.php?id=21</a>							
Test case ID	TC06							
severity	High							
Priority	1							
Assigned to	Hansy ross salvant, Christobell Cuya							
Reported By	Team 4							
Reported On	28/05/2020							
Status	Active							
Operating system	Windows 8.1							
Platform	Windows, IOS							
Description of incident	We should select Finish Radio Button in the Software Installation Flow							
reproduction of steps	1) Navigate to the Website 2) Click on "List of Installation" Button on the Navigation Bar 3) Click on Update Button of any Record 4) Click on Finish Radio Button in Software Installation Flow							
expected results	Finish radio button Should be Selected.							
actual results	Finish radio button was not Selected.							

7) Test case is about checking Name field by Entering Numbers.

A	B	C	D	E	F	G	H	I
145	Test Case ID	TC07						
146	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
147	Test Case Description	Test case is about checking Name field by Entering Numbers.						
148	Created By	Team 4		Reviewed By	Hansy,Christy			
149	Environment	Windows, google Chrome,SQL						
150	Test (positive / negative)	Negative		Status	Active	Priority	1	
151								
152	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
153								
154	S #	Pre-Conditions						
155	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
156	2	Web server (MySQL and PHP) should be connected						
157	3	Active Internet Connection						
158								
159	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
161	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
162	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
163	3	Enter Numbers in Name Field and fill all other Details correctly.	123456789	It Should not accept the Data.	It accepts the Data.	Fail		
164	4	Click On Submit Button		The Form Should not be submitted Successfully.	Form Submitted Successfully.	Fail		
Incident title								
Verify the Functionality of Enter New Installation Page								
Incident ID								
I07								
Product								
Version								
1								
Area Path								
<a href="http://192.168.21.2/FinalProject/form.php">192.168.21.2/FinalProject/form.php</a>								
Test case ID								
TC07								
severity								
High								
Priority								
1								
Assigned to								
Hansy ross salvant, Christobell Cuya								
Reported By								
Team 4								
Reported On								
28/05/2020								
Status								
Active								
Operating system								
Windows 8.1								
Platform								
Windows, IOS								
Description of incident								
Test case is about checking Name field by Entering Numbers.								
reproduction of steps								
1) Navigate to the Website								
2) Click on "Enter New installation" Button on the Navigation Bar								
3) Enter Numbers in Name Field and fill all other Details correctly.								
4) Click On Submit Button.								
expected results								
The Form Should not be submitted Successfully.								
actual results								
It Successfully submitted.								

8) Test case is about checking Name field by Entering Special Characters.

A	B	C	D	E	F	G	H	I
170	Test Case ID	TC08						
171	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
172	Test Case Description	Test case is about checking Name field by Entering Special Characters.						
173	Created By	Team 4		Reviewed By	Hansy,Christy			
174	Environment	Windows, google Chrome,SQL						
175	Test (positive / negative)	Negative		Status	Active	Priority	1	
176								
177	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
178								
179	S #	Pre-Conditions						
180	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
181	2	Web server (MySQL and PHP) should be connected						
182	3	Active Internet Connection						
183								
184	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
186	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
187	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
188	3	Enter Special Characters in Name Field and fill all other Details correctly.	\$%^\$^@@	It Should not accept the Data.	It accepts the Data.	Fail		
189	4	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

Incident title	Verify the Functionality of Enter New Installation Page
Incident ID	I08
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/update.php?id=21">192.168.21.2/FinalProject/page/update.php?id=21</a>
Test case ID	TC08
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Name field by Entering Special Characters.
reproduction of steps	1) Navigate to the Website 2) Click on "Enter New installation" Button on the Navigation Bar 3) Enter Special Characters in Name Field and fill all other Details correctly. 4) Click On Submit Button
expected results	Special Characters Should not be Accepted.
actual results	Special Characters was accepted in the name field.

The screenshot shows a web browser window with the URL <http://192.168.21.2/FinalProject/processpage/entry.php>. The page title is "Process entry". The main content area displays a green message box with the text "All information have been insert properly". Below this, a red-bordered box contains the heading "The information inserted are" and a list of data fields:

- Name: @#\$%%^  
Team 4!! wednesday
- Description:
- Enviroment: Windows Server
- Date: 2020/02/02
- Flow: In Progress



9) Test case is about checking Name field by Entering Special Characters.

A	B	C	D	E	F	G	H	I
195	Test Case ID	TC09						
196	Test Case Scenario	Verify the Functionality of Update Installation Page						
197	Test Case Description	Test case is about checking Name field by Entering Special Characters.						
198	Created By	Team 4		Reviewed By	Hansy,Christy			
199	Environment	Windows, google Chrome,SQL						
200	Test (negative / negative)	negative		Status	Active	Priority	1	
201								
202	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
203								
204	S #	Pre-Conditions						
205	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
206	2	Web server (MySQL and PHP) should be connected						
207	3	Active Internet Connection						
208								
209	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
211	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
212	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
213	3	Click on Update Button of any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
214	4	Enter Special Characters in Name Field and fill all other Details correctly.		It Should not be Accepted.	It Accepts the data.	Fail		
215	5	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

Incident title	Verify the Functionality of Update Installation Page.
Incident ID	I09
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/update.php?id=21">192.168.21.2/FinalProject/page/update.php?id=21</a>
Test case ID	TC09
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Name field by Entering Special Characters.
reproduction of steps	<p>1) Navigate to the Website</p> <p>2) Click on "List of Installation" Button on the Navigation Bar</p> <p>3) Click on Update Button of any Record</p> <p>4) Enter Special Characters in Name Field and fill all other Details correctly.</p> <p>5) Click On Submit Button</p>
expected results	Special Characters Should not be Accepted.
actual results	Special Characters was accepted in the name field.

The screenshot shows a web browser window with the URL <http://192.168.21.2/FinalProject/processpage/modify.php>. The title bar says "Process update". The page has a blue header with "Home", "List of installation", and "Enter new installation" links. A green success message box contains the text "All information have been update properly". Below it, a red-bordered table displays the following data:

The information updated are	
Name:	@##@##@#@@#@#@#
Description:	Team 4!! wednesday
Enviroment:	Windows Server
Date:	2020-02-02
Flow:	



10) Test case is about checking Name field by entering more than 50 characters.

A	B	C	D	E	F	G	H	I
221	Test Case ID	TC10						
222	Test Case Scenario	Verify the Functionality of Enter New Installation Page						
223	Test Case Description	Test case is about checking Name field by Entering more than 50 characters.						
224	Created By	Team 4		Reviewed By	Hansy,Christy			
225	Enviroment	Windows, google Chrome,SQL						
226	Test (positive / negative)	Negative		Status	Active	Priority	1	
227								
228	Tested by	Team 4		Date Tested	2020-05-22	Test Case (Pass/Fail)	Fail	
229								
230	S #	Pre-Conditions						
231	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
232	2	Web server (MySQL and PHP) should be connected						
233	3	Active Internet Connection						
234								
235	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail		
237	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
238	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
239	3	Enter more than 50 Characters in Name Field and fill all other Details correctly.	Narendra Damodardas Modi was born on 17 September 1950. He is an Indian politician serving as the 14th and current Prime Minister of India since 2014.	It Should not accept the Data.	It accepts the Data.	Fail		
240	4	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

Incident title	Verify the Functionality of Enter New Installation Page
Incident ID	I10
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/form.php">192.168.21.2/FinalProject/page/form.php</a>
Test case ID	TC10
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Name field by entering more than 50 characters.
reproduction of steps	1) Navigate to the Website 2) Click on "Enter New installation" Button on the Navigation Bar 3) Enter more than 50 Characters in Name Field and fill all other Details correctly. 4) Click On Submit Button
expected results	Characters more than 50 so it Should not be submitted Successfully.
actual results	It was submitted successfully.

The screenshot shows a web browser window with the URL <http://192.168.21.2/FinalProject/processpage/entry.php>. The page title is "Process entry". The main content area displays a green message box with the text "All information have been insert properly". Below this, a red box highlights the message "The information inserted are". Inside this box, there is a large amount of garbled text representing the inserted data, followed by a smaller box containing the string "dvsdvdsvdvd". At the bottom of the red box, there is descriptive text: "Description:", "Enviroment: Linux", "Date: 2020/02/02", and "Flow: Start".



11) Test case is about checking Name field by entering more than 50 characters.

A	B	C	D	E	F	G	H	I
245								
246	Test Case ID	TC11						
247	Test Case Scenario	Verify the Functionality of Update Installation Page						
248	Test Case Description	Test case is about checking Name field by Entering more than 50 characters						
249	Created By	Team 4		Reviewed By	Hansy,Christy			
250	Environment	Windows, google Chrome,SQL						
251	Test ( negative / neg)	negative		Status	Active	Priority	1	
252								
253	Tested by	Team 4		Date Tested	2020-05-22	Test Case	Fail	
254								
255	S #	Pre-Conditions						
256	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
257	2	Web server (MySQL and PHP) should be connected						
258	3	Active Internet Connection						
259								
260	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass /		
262	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
263	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
264	3	Click on Update Button of any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
265	4	Enter more than 50 Characters in Name Field and fill all other Details correctly.	Narendra Damodardas Modi was born on 17 September 1950. He is an Indian politician serving as the 14th and current Prime Minister of India since 2014.	It Should not accept the Data.	It accepts the Data.	Fail		
266	5	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

Incident title	Verify the Functionality of Update Installation Page
Incident ID	I11
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/form.php">192.168.21.2/FinalProject/page/form.php</a>
Test case ID	TC11
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Name field by entering more than 50 characters.
reproduction of steps	<ol style="list-style-type: none"> <li>1) Navigate to the Website</li> <li>2) Click on "List of Installation" Button on the Navigation Bar</li> <li>3) Click on Update Button of any Record</li> <li>4) Enter more than 50 Characters in Name Field and fill all other Details correctly.</li> <li>5) Click On Submit Button</li> </ol>
expected results	Characters more than 50 so it Should not be submitted Successfully.
actual results	It was submitted successfully.

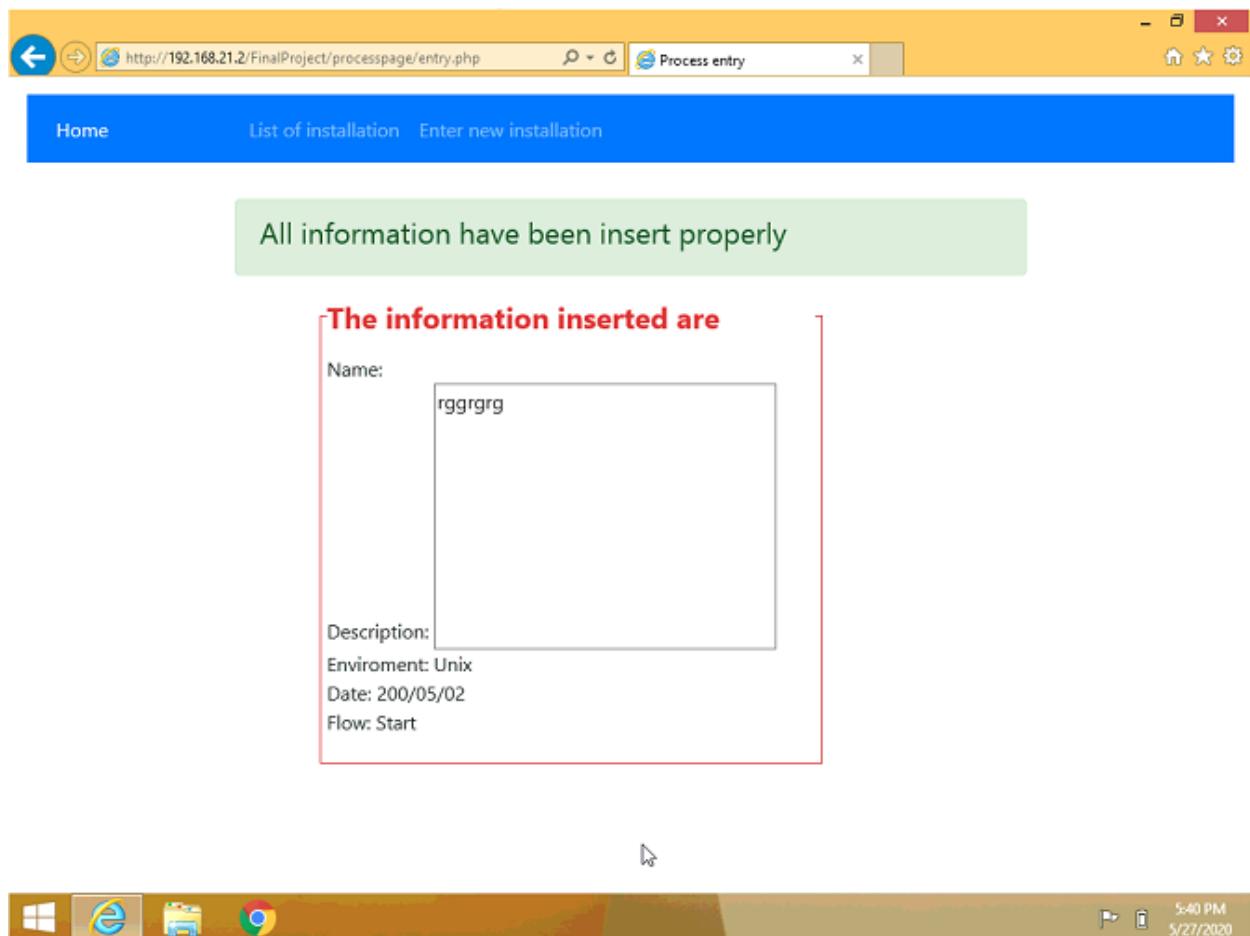
The screenshot shows a web browser window with the URL <http://192.168.21.2/FinalProject/processpage/modify.php>. The title bar says "Process update". The page content includes a green success message box with the text "All information have been update properly". Below it, a red box highlights a section with the heading "The information updated are" and a large redacted area. The redacted area contains the word "fbfbfbfbfb" and some very long, repetitive strings of "bbbbbb...". Underneath this, there is a smaller red box containing the text "Description:", followed by "Enviroment: Windows Server", "Date: 2019-06-11", and "Flow: Start".



12) Test case is about checking Name field by Entering Blank Space.

A	B	C	D	E	F	G	H	I
272	<b>Test Case ID</b>	TC012						
273	<b>Test Case Scenario</b>	Verify the Functionality of Enter New Installation Page						
274	<b>Test Case Description</b>	Test case is about checking Name field by Entering Blank Space.						
275	<b>Created By</b>	Team 4		<b>Reviewed By</b>	Hansy,Christy			
276	<b>Environment</b>	Windows, google Chrome,SQL						
277	<b>Test ( positive &amp; nega)</b>	Negative		<b>Status</b>	Active	<b>Priority</b>	1	
278								
279	<b>Tested by</b>	Team 4		<b>Date Tested</b>	2020-05-22	<b>Test Case</b>	<b>Fail</b>	
280								
281	<b>S #</b>	<b>Pre-Conditions</b>						
282	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
283	2	Web server (MySQL and PHP) should be connected						
284	3	Active Internet Connection						
285								
286	<b>Step #</b>	<b>Step Details</b>	<b>Test Data</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass /</b>		
288	1	Navigate to the Website	192.168.21.2/FinalProj	It Should be displayed Home	It Displays Home Page.	pass		
289	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
290	3	Enter Blank Spaces in Name Field and fill all other Details correctly.	" "	It Should not accept the Data.	It accepts the Data.	Fail		
291	4	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

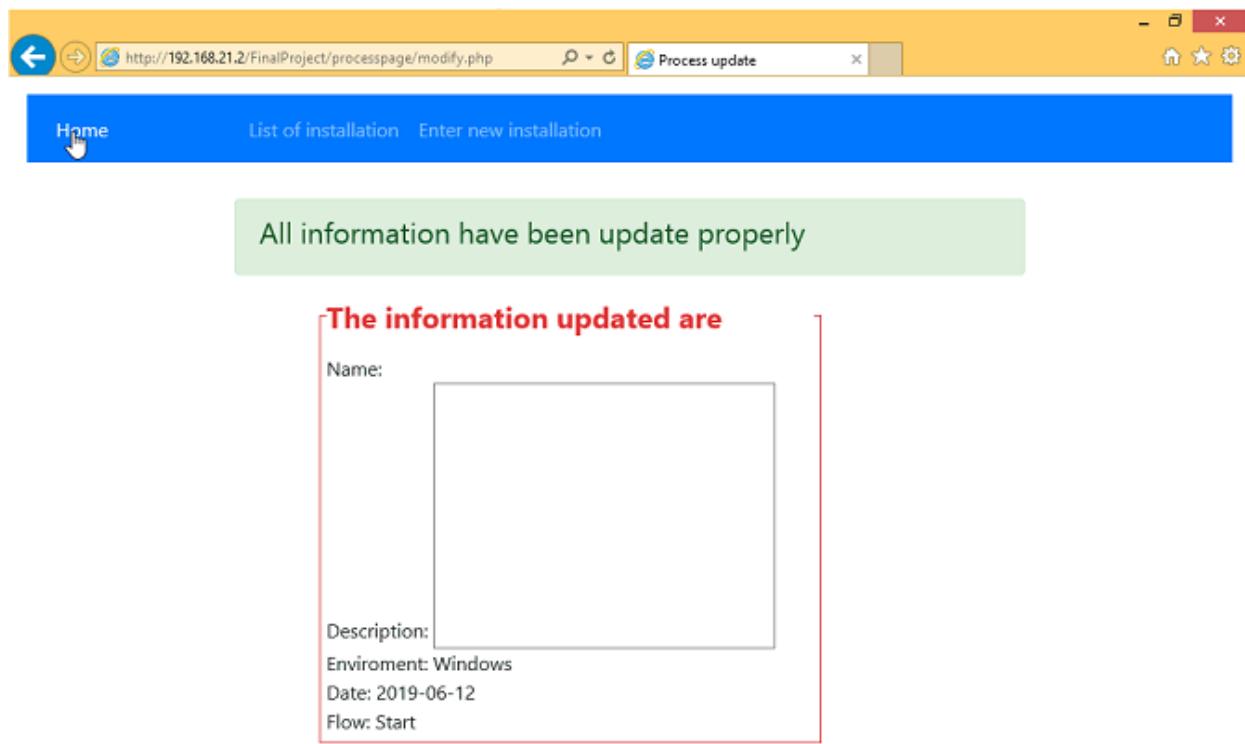
Incident title	Verify the Functionality of Enter New Installation Page
Incident ID	I12
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/update.php?id=21">192.168.21.2/FinalProject/page/update.php?id=21</a>
Test case ID	TC12
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Name field by Entering Blank Space.
reproduction of steps	1) Navigate to the Website 2) Click on "Enter New installation" Button on the Navigation Bar 3) Enter Blank Spaces in Name Field and fill all other Details correctly. 4) Click On Submit Button
expected results	In name field should not be empty, without characters it should not be submitted.
actual results	It has accepted the data.



13) Test case is about checking Name field by Entering Blank Spaces.

A	B	C	D	E	F	G	H	I
297	Test Case ID	TC13						
298	Test Case Scenario	Verify the Functionality of Update Installation Page						
299	Test Case Description	Test case is about checking Name field by Entering Blank Spaces.						
300	Created By	Team 4		Reviewed By	Hansy,Christy			
301	Environment	Windows, google Chrome,SQL						
302	Test ( negative / neg)	negative		Status	Active	Priority	1	
303								
304	Tested by	Team 4		Date Tested	2020-05-22	Test Case	Fail	
305								
306	S #	Pre-Conditions						
307	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
308	2	Web server (MySQL and PHP) should be connected						
309	3	Active Internet Connection						
310								
311	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass /		
313	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
314	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
315	3	Click on Update Button of any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
316	4	Enter Blank Spaces in Name Field and fill all other Details correctly.	" "	It Should not be Accepted.	It Accepts the data.	Fail		
317	5	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

Incident title	Verify the Functionality of Update Installation Page
Incident ID	I13
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject">192.168.21.2/FinalProject</a>
Test case ID	TC13
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Hansy ross salvant
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Name field by Entering Blank Spaces.
reproduction of steps	1) Navigate to the Website 2) Click on "List of Installation" Button on the Navigation Bar 3) Click on Update Button of any Record 4) Enter Blank Spaces in Name Field and fill all other Details correctly. 5) Click On Submit Button.
expected results	In name field should not be empty, without characters it should not be submitted.
actual results	It was submitted successfully without any characters.



14) Test case is about checking Date field by Entering Invalid Data.

A	B	C	D	E	F	G	H	I
322								
323	<b>Test Case ID</b>	TC014						
324	<b>Test Case Scenario</b>	Verify the Functionality of Enter New Installation Page						
325	<b>Test Case Description</b>	Test case is about checking Date field by Entering Invalid Data.						
326	<b>Created By</b>	Team 4		<b>Reviewed By</b>	Hansy,Christy			
327	<b>Environment</b>	Windows, google Chrome,SQL						
328	<b>Test ( positive / nega</b>	Negative		<b>Status</b>	Active	<b>Priority</b>	1	
329								
330	<b>Tested by</b>	Team 4		<b>Date Tested</b>	2020-05-22	<b>Test Case</b>	<b>Fail</b>	
331								
332	<b>S #</b>	<b>Pre-Conditions</b>						
333	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
334	2	Web server (MySQL and PHP) should be connected						
335	3	Active Internet Connection						
336								
337	<b>Step #</b>	<b>Step Details</b>	<b>Test Data</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass /</b>		
339	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
340	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass		
341	3	Enter Invalid Data in Date Field and fill all other Details correctly.	Hello This is Date Field	It Should not accept the Data.	It accepts the Data.	Fail		
342	4	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

Incident title	Verify the Functionality of Enter New Installation Page
Incident ID	I14
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject">192.168.21.2/FinalProject</a>
Test case ID	TC14
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Hansy ross salvant
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Date field by Entering Invalid Data.
reproduction of steps	1) Navigate to the Website 2) Click on "Enter New Installation" Link under Functionality section in Home Page. 3) Enter Invalid Data in Date Field and fill all other Details correctly. 4) Click On Submit Button
expected results	Data should not be accepted.
actual results	It has accept the data.

15) Test case is about checking Date Field by Entering Invalid Data.

A	B	C	D	E	F	G	H	I
347								
348	<b>Test Case ID</b>	TC15						
349	<b>Test Case Scenario</b>	Verify the Functionality of Update Installation Page						
350	<b>Test Case Description</b>	Test case is about checking Date Field by Entering Invalid Data.						
351	<b>Created By</b>	Team 4		<b>Reviewed By</b>	Hansy,Christy			
352	<b>Environment</b>	Windows, google Chrome,SQL						
353	<b>Test ( negative / neg)</b>	negative		<b>Status</b>	Active	<b>Priority</b>	1	
354								
355	<b>Tested by</b>	Team 4		<b>Date Tested</b>	2020-05-22	<b>Test Case</b>	<b>Fail</b>	
356								
357	<b>S #</b>	<b>Pre-Conditions</b>						
358	1	All Three Machines(Router, Web server, Client Machine) should be Started.						
359	2	Web server (MySQL and PHP) should be connected						
360	3	Active Internet Connection						
361								
362	<b>Step #</b>	<b>Step Details</b>	<b>Test Data</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass /</b>		
364	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass		
365	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass		
366	3	Click on Update Button of any Record		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass		
367	4	Enter Invalid Data in Date Field and fill all other Details correctly.	Hello This is Data Field	It Should not be Accepted.	It Accepts the data.	Fail		
368	5	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail		

Incident title	Verify the Functionality of Update Installation Page
Incident ID	I15
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject">192.168.21.2/FinalProject</a>
Test case ID	TC15
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Hansy ross salvant
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Date field by Entering Invalid Data.
reproduction of steps	1) Navigate to the Website 2) Click on "List of Installation" Button on the Navigation Bar 3) Click on Update Button of any Record. 4) Enter Invalid Data in Date Field and fill all other Details correctly. 5) Click On Submit Button.
expected results	Data should not be accepted.
actual results	It has accept the data.

16) Test case is about checking Name field by Entering First character as a Space.

374	<b>Test Case ID</b>	TC016					
375	<b>Test Case Scenario</b>	Verify the Functionality of Enter New Installation Page					
376	<b>Test Case Description</b>	Test case is about checking Name field by Entering First character as a Space.					
377	<b>Created By</b>	Team 4		<b>Reviewed By</b>	Hansy,Christy		
378	<b>Environment</b>	Windows, google Chrome,SQL					
379	<b>Test ( positive / negat</b>	Negative		<b>Status</b>	Active	<b>Priority</b>	1
380							
381	<b>Tested by</b>	Team 4		<b>Date Tested</b>	2020-05-22	<b>Test Case</b>	Fail
382							
383	<b>S #</b>	<b>Pre-Conditions</b>					
384	1	All Three Machines(Router, Web server, Client Machine) should be Started.					
385	2	Web server (MySQL and PHP) should be connected					
386	3	Active Internet Connection					
387							
388	<b>Step #</b>	<b>Step Details</b>	<b>Test Data</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Pass / Fail</b>	
390	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass	
391	2	Click on "Enter New installation" Button on the Navigation Bar		It Should be displayed Enter New installation Page.	It Displays the Enter New installation Page.	Pass	
392	3	Enter First Character as space in Name Field and fill all other Details correctly.	" Narendra Modi"	It Should not accept the Data.	It accepts the Data.	Fail	
393	4	Click On Submit Button		The Form Should not be submitted Successfully.	It Submitted form Successfully.	Fail	

Incident title	Verify the Functionality of Enter New Installation Page
Incident ID	I16
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject/page/update.php?id=21">192.168.21.2/FinalProject/page/update.php?id=21</a>
Test case ID	TC16
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Team 4
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Name field by Entering First character as a Space.
reproduction of steps	1) Navigate to the Website 2) Click on "Enter New installation" Button on the Navigation Bar 3) Enter First Character as space in Name Field and fill all other Details correctly. 4) Click On Submit Button
expected results	In name field should not be empty if first character is space.
actual results	It has accepted the data.

17) Test case is about checking Functionality of Software Installation Flow.

399	Test Case ID	TC17					
400	Test Case Scenario	Verify the Functionality of Update Installation Page					
401	Test Case Description	Test case is about checking Functionality of Software Installation Flow.					
402	Created By	Team 4		Reviewed By	Hansy,Christy		
403	Environment	Windows, google Chrome,SQL					
404	Test (negative / nega	negative		Status	Active	Priority	1
405							
406	Tested by	Team 4		Date Tested	2020-05-22	Test Case	Fail
407							
408	S #	Pre-Conditions					
409	1	All Three Machines(Router, Web server, Client Machine) should be Started.					
410	2	Web server (MySQL and PHP) should be connected					
411	3	Active Internet Connection					
412							
413	Step #	Step Details	Test Data	Expected Results	Actual Results	Pass / Fail	
415	1	Navigate to the Website	192.168.21.2/FinalProject	It Should be displayed Home	It Displays Home Page.	pass	
416	2	Click on "List of Installation" Button on the Navigation Bar		It Should be displayed List of installation Page.	It Displays the List of installation Page.	Pass	
417	3	Click on Update Button of any Record which has installation flow as "start".		It Should be Displayed Update Installation Page.	It Displays Update Installation Page.	Pass	
418	4	Try to Select Inprogress Radio Button		It Should be Selected.	It was not Selected.	Fail	

Incident title	Verify the Functionality of Update Installation Page
Incident ID	I17
Product	
Version	1
Area Path	<a href="http://192.168.21.2/FinalProject">192.168.21.2/FinalProject</a>
Test case ID	TC17
severity	High
Priority	1
Assigned to	Hansy ross salvant, Christobell Cuya
Reported By	Hansy ross salvant
Reported On	28/05/2020
Status	Active
Operating system	Windows 8.1
Platform	Windows, IOS
Description of incident	Test case is about checking Functionality of Software Installation Flow.
reproduction of steps	1) Navigate to the Website 2) open 192.168.21.2/FinalProject 3) Click on "List of Installation" Button on the Navigation Bar 4) Click on Update Button of any Record which has installation flow as "start". 5) Try to Select Inprogress Radio Button
expected results	In progress button Should be Selected.
actual results	In progress button was not selected.

http://192.168.21.2/FinalProject/page/update.php?id=25

Update Software installation

Description

Software installation

Date \*

2020-05-05

Enviroment \*

Windows Server

Software installation flow

Start

In Progress

Finish

Submit

5:52 PM  
5/27/2020

127 | Page

## **Conclusion:**

- Our project “Virtual Network/Test Web Application” taught us the detailing of virtual platform, Network configuration and Web Platform.
- We understood the internal working of Router, Web-Server and Client Machine and its connectivity.
- All three systems installed in virtual environment are connected to each other with IP Configuration.
- At last, after installing web platform, we have done testing on web application along with the positives and negative test cases.

To put in nutshell, we have created virtual environment with three systems. All systems are connected to each other with IP Configuration. After that we have setup the web application and done Testing following by test cases.

## **Reference:**

### **YouTube Links:**

<https://www.youtube.com/watch?v=AHQDnBPvhHY&feature=youtu.be>

[https://www.youtube.com/watch?v=GKBZ\\_fU4qw0](https://www.youtube.com/watch?v=GKBZ_fU4qw0)

[https://www.youtube.com/watch?v=63\\_kPIQUPp8](https://www.youtube.com/watch?v=63_kPIQUPp8)

<https://www.youtube.com/watch?v=oPO1zpyNDpA&t=121s>

### **Other Links:**

[https://www.ibm.com/support/knowledgecenter/en/SS8H2S/com.ibm.mc.doc/ce\\_source/tasks/ce\\_vpn\\_install\\_routing\\_role.htm](https://www.ibm.com/support/knowledgecenter/en/SS8H2S/com.ibm.mc.doc/ce_source/tasks/ce_vpn_install_routing_role.htm)