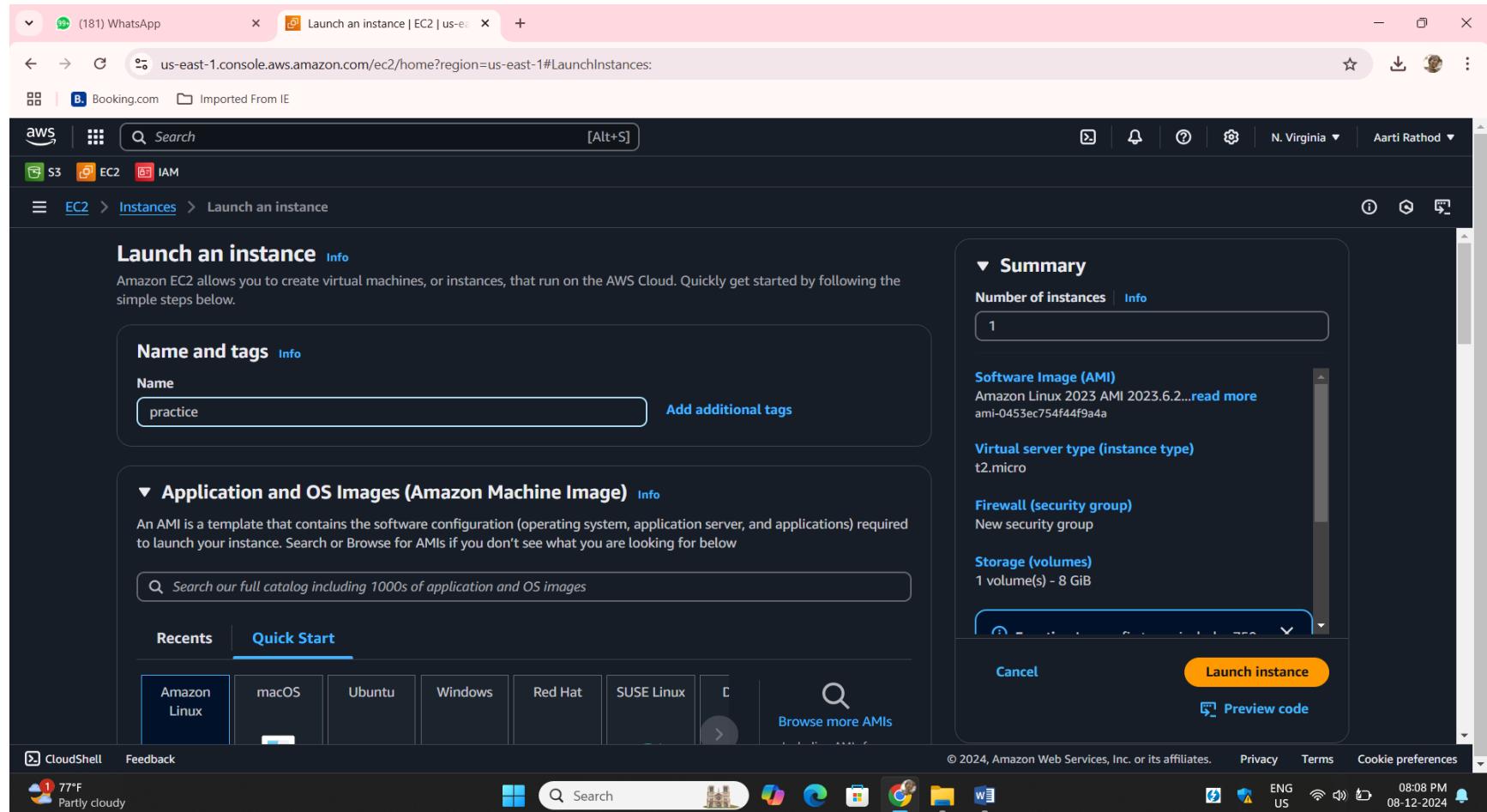


Hosting a Static website On EC2 Instance using Windows

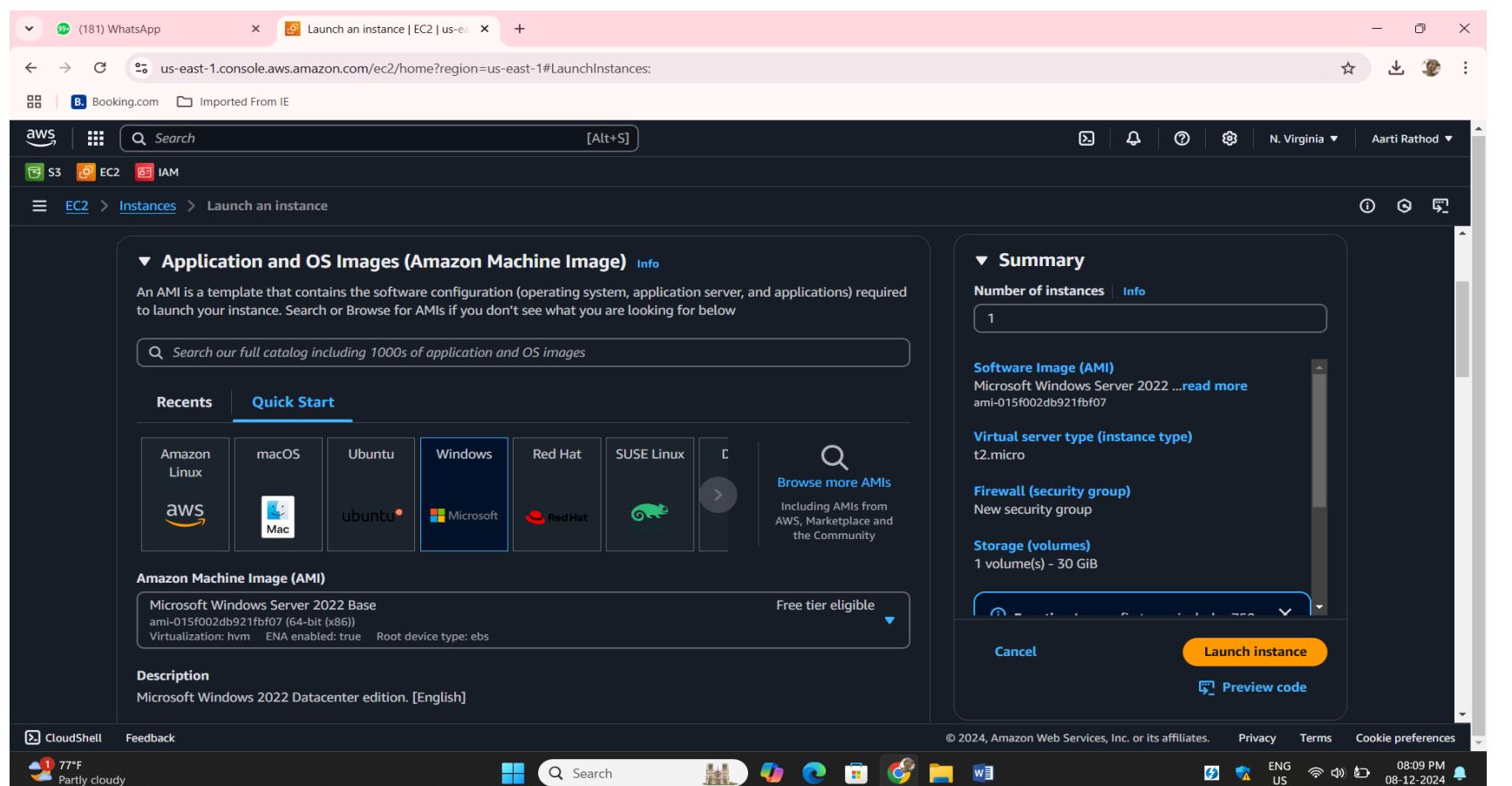
Step1: Log in to the AWS Management Console. Navigate to the EC2 Dashboard

Step 2: Launch an EC2 Instance

Step 3: Give a Name And tags to your instance



Step 4: Choose AMI: Select a Windows Server AMI



Step 5: Choose the instance type t2.micro for free tier

The screenshot shows the AWS EC2 'Launch an instance' wizard. In the 'Instance type' section, the 't2.micro' option is selected. A tooltip provides details: Family: t2, 1 vCPU, 1 GiB Memory, Current generation: true. On-Demand Windows base pricing: 0.0162 USD per Hour. On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour. On-Demand SUSE base pricing: 0.0116 USD per Hour. On-Demand RHEL base pricing: 0.026 USD per Hour. On-Demand Linux base pricing: 0.0116 USD per Hour. A note states: 'Additional costs apply for AMIs with pre-installed software'. To the right, the 'Summary' section shows 1 instance being launched with the Microsoft Windows Server 2022 AMI and the t2.micro instance type. The 'Launch instance' button is prominently displayed.

Step 6: Create Key pair

The screenshot shows the 'Create key pair' dialog box overlaid on the EC2 launch wizard. In the 'Key pair name' field, 'win-12' is entered. The 'Key pair type' section shows 'RSA' selected, with a note that it's not supported for Windows instances. The 'Private key file format' section shows '.pem' selected for OpenSSH. A warning message at the bottom of the dialog box states: 'When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance.' The 'Create key pair' button is highlighted in yellow.

Step 7 : Check Network Settings Allow RDS and HTTP and Click On Launch.

The screenshot shows the 'Network settings' section of the AWS EC2 'Launch an instance' wizard. It includes fields for Network (vpc-026d72e24c028f961), Subnet (No preference), Auto-assign public IP (Enable), and Firewall (security groups). Under Firewall, there are two options: 'Create security group' (selected) and 'Select existing security group'. Below these are three checkboxes for traffic rules: 'Allow RDP traffic from Anywhere (0.0.0.0/0)', 'Allow HTTPS traffic from the internet', and 'Allow HTTP traffic from the internet'. The 'Allow RDP traffic from Anywhere (0.0.0.0/0)' checkbox is checked. To the right, the 'Summary' section shows 1 instance being launched with a Microsoft Windows Server 2022 AMI, t2.micro instance type, and 1 volume(s) - 30 GiB storage. At the bottom are 'Cancel' and 'Launch instance' buttons, with 'Preview code' also available.

Step 8: Check if Instance is created or not

The screenshot shows the AWS EC2 Instances page. A green success banner at the top states 'Successfully initiated launch of instance (i-0b5ae4c9e5721db18)'. Below the banner, there's a 'Launch log' button. The main area contains four cards: 'Create billing and free tier usage alerts', 'Connect to your instance', 'Connect an RDS database', and 'Create EBS snapshot policy'. Each card has a corresponding 'Create [service] policy' button. The bottom of the screen shows standard browser navigation and status icons.

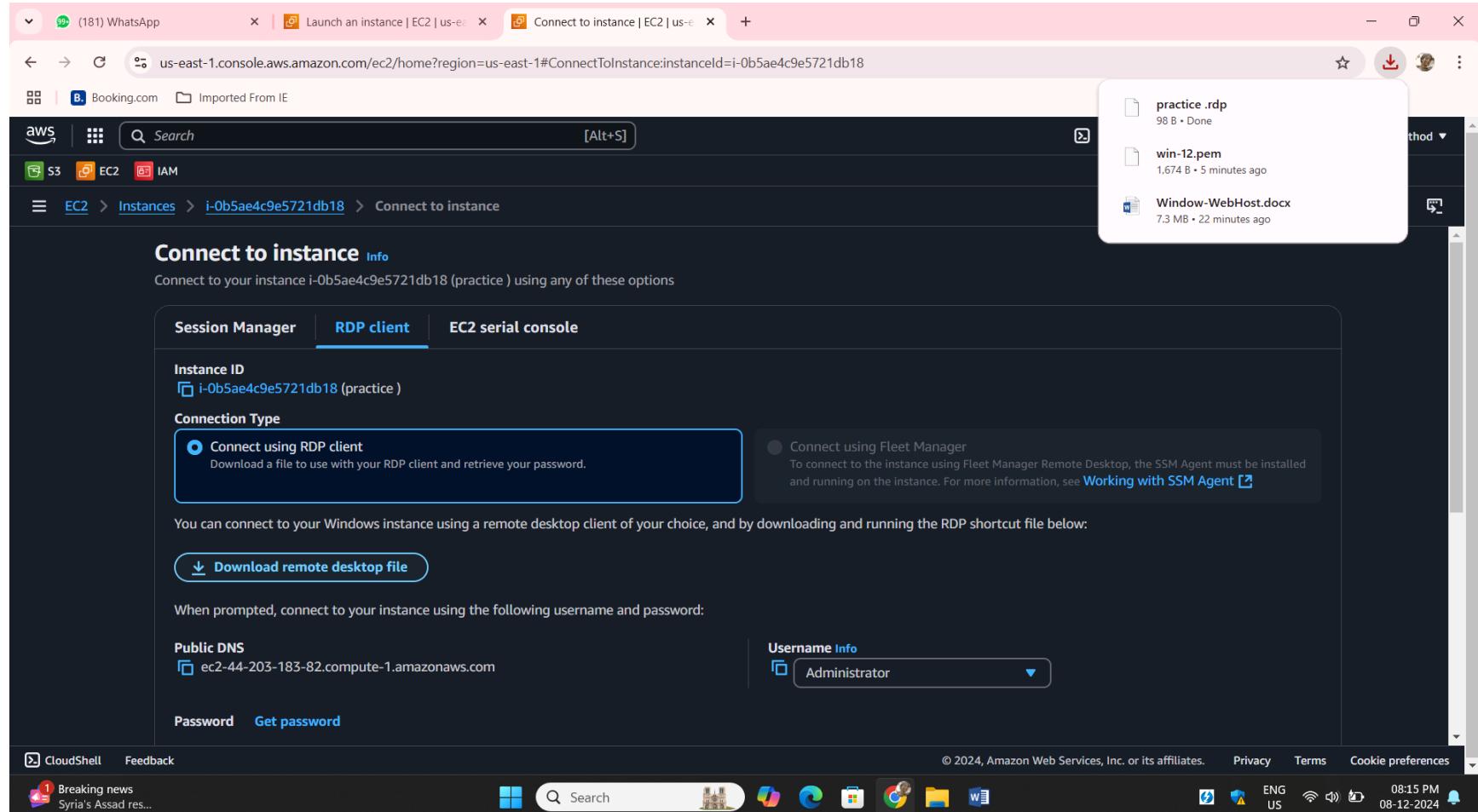
Step 9: Check If Instance Status is check passed after that Click on Connect

The screenshot shows the AWS EC2 Instances page. On the left, there's a navigation sidebar with options like Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), and Elastic Block Store (Volumes, Snapshots). The main content area displays 'Instances (1/1) Info'. A table lists one instance: 'practice' (Instance ID: i-0b5ae4c9e5721db18, Instance state: Running, Instance type: t2.micro, Status check: 2/2 checks passed). Below the table, the instance details for 'i-0b5ae4c9e5721db18 (practice)' are shown, including its Public IPv4 address (44.203.183.82), Private IPv4 addresses (172.31.87.18), and Public IPv4 DNS (ec2-44-203-183-82.compute-1.amazonaws.com). At the top right of the main content area, there are buttons for Connect, Instance state, Actions, and Launch instances.

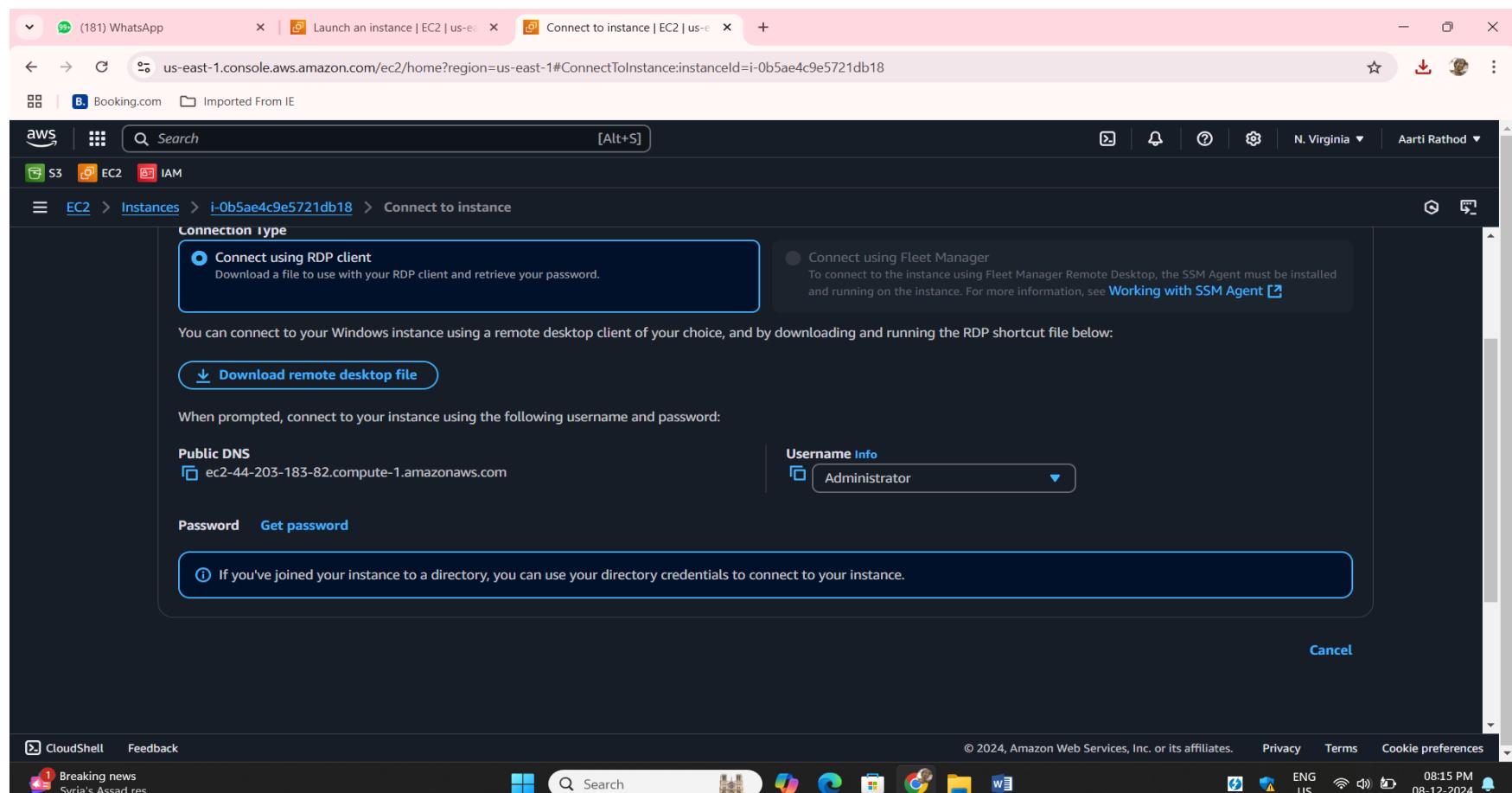
Step 10: Click on RDP Client

The screenshot shows the 'Connect to instance' page for the 'practice' instance. The top navigation bar includes links for WhatsApp, Launch an instance, Connect to instance, and other EC2-related pages. The main content area is titled 'Connect to instance' and provides instructions to connect using an RDP client or Fleet Manager. It shows the instance ID (i-0b5ae4c9e5721db18) and the public DNS (ec2-44-203-183-82.compute-1.amazonaws.com). A 'Download remote desktop file' button is available for those connecting via RDP. A 'Username info' dropdown is set to 'Administrator'. At the bottom, there are links for CloudShell, Feedback, and system status indicators (temperature, weather).

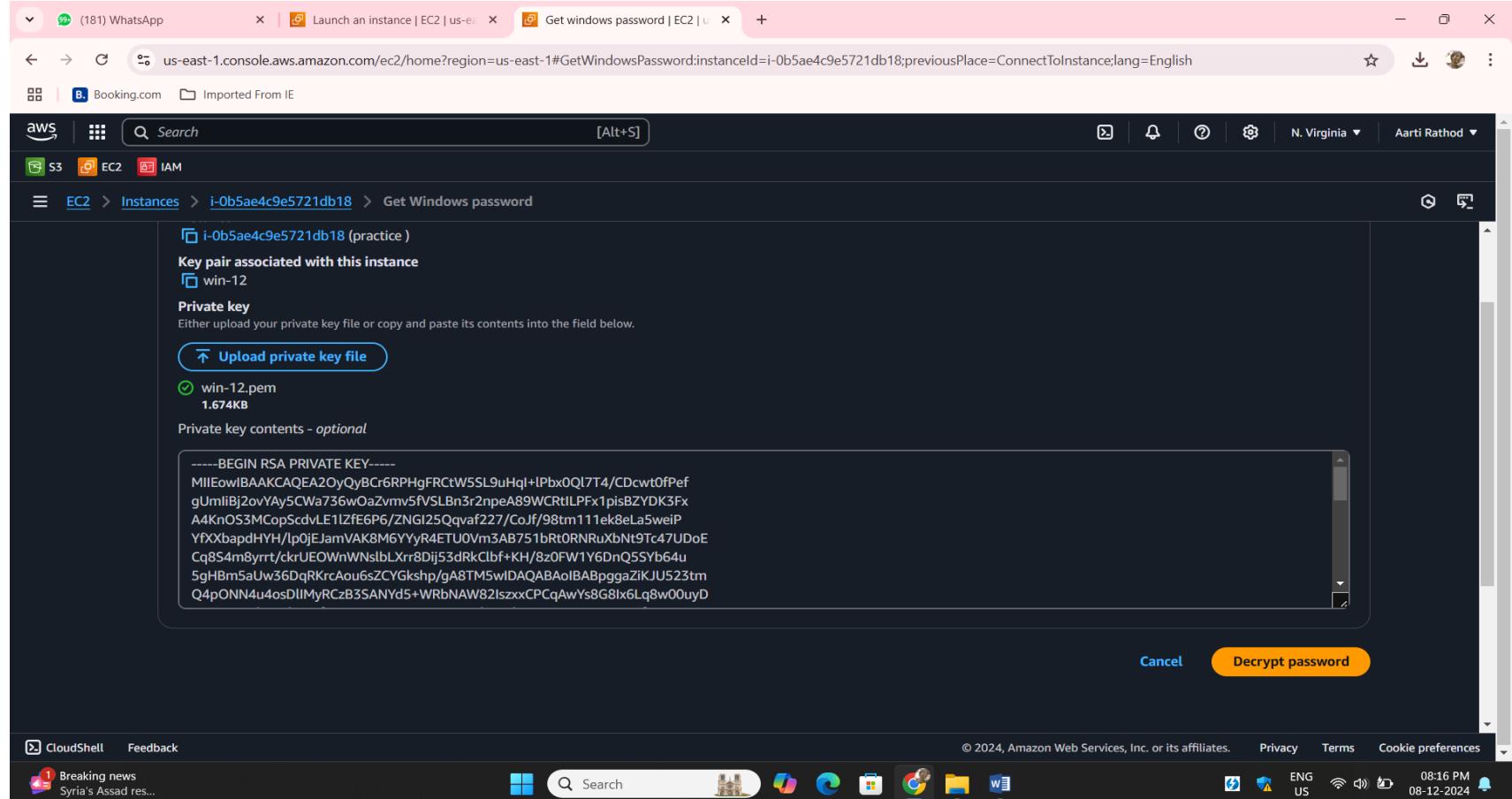
Step 11: Download remote RDP Client



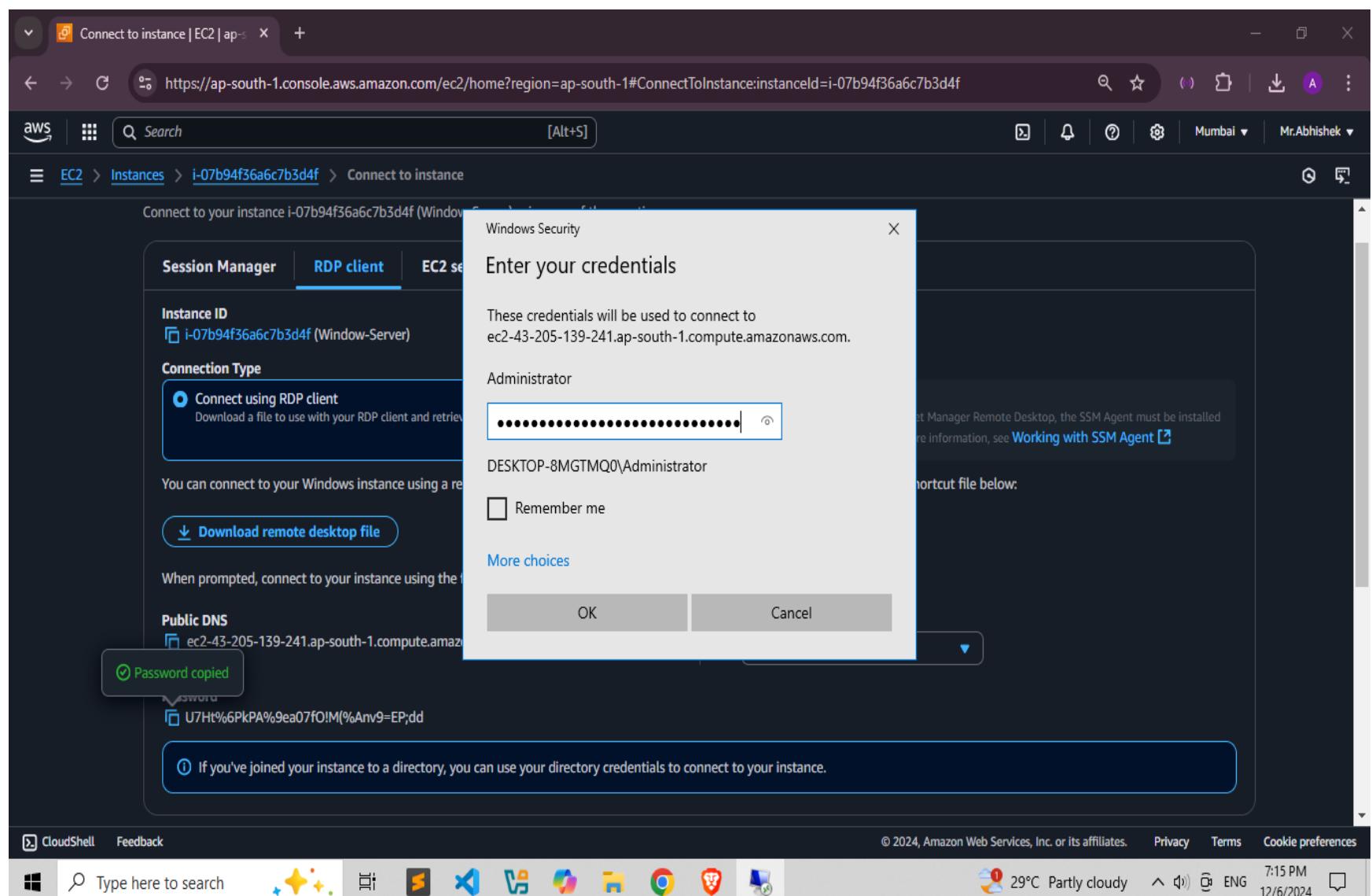
Step 11: Click on Get Password



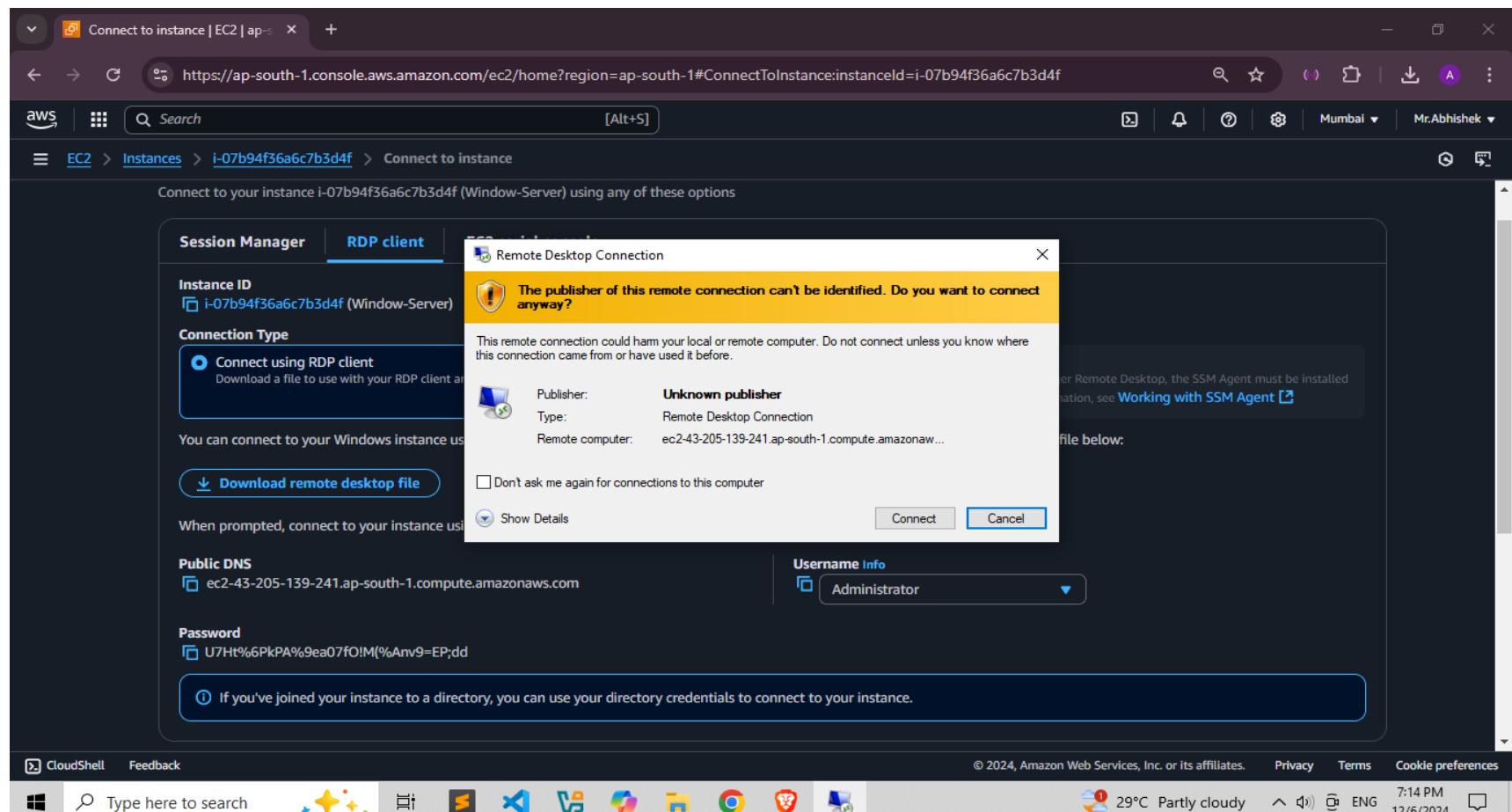
Step 12: upload private key file Which We have Downloaded and Click on Decrypt password



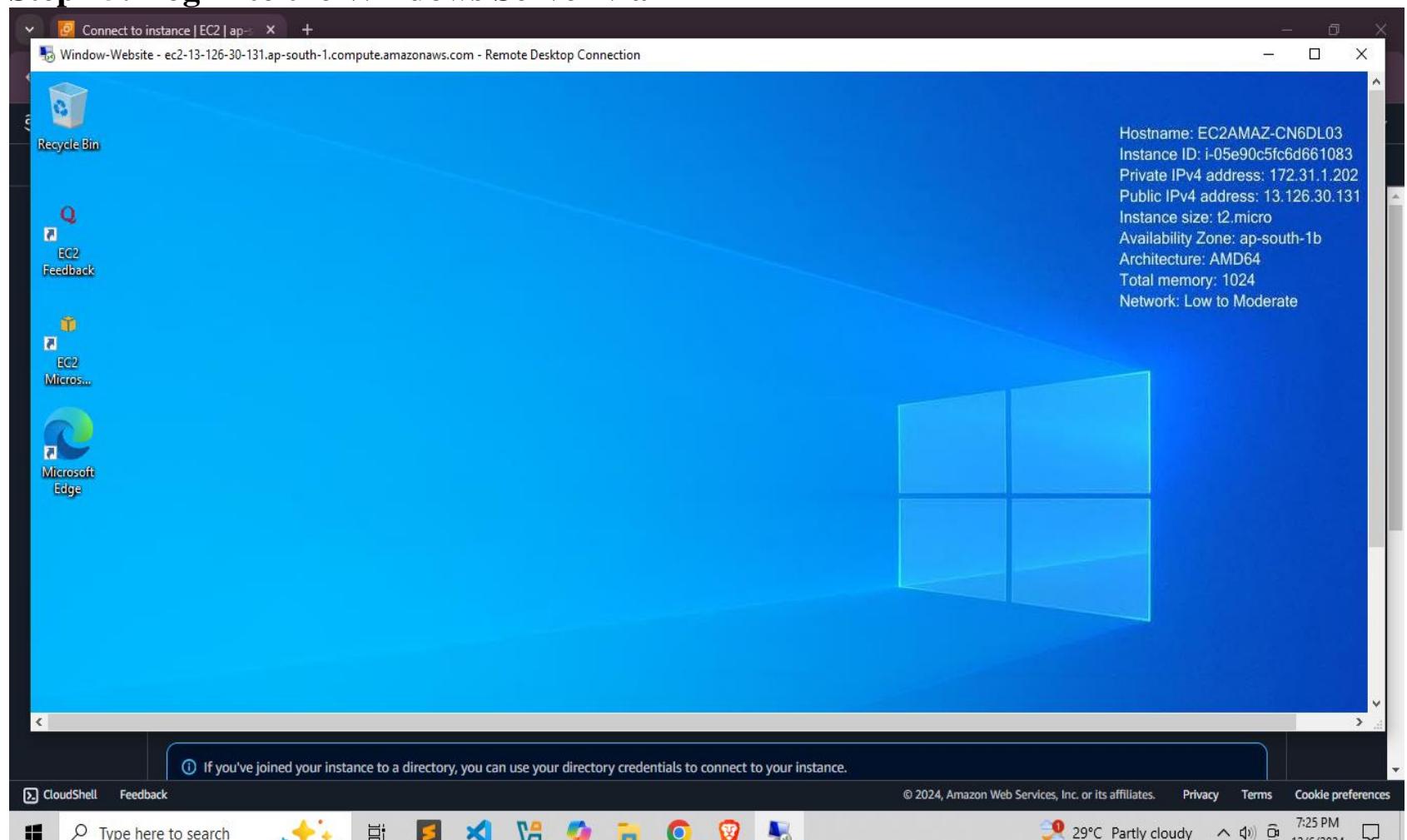
Step 13: Paste the password here And Click on Ok



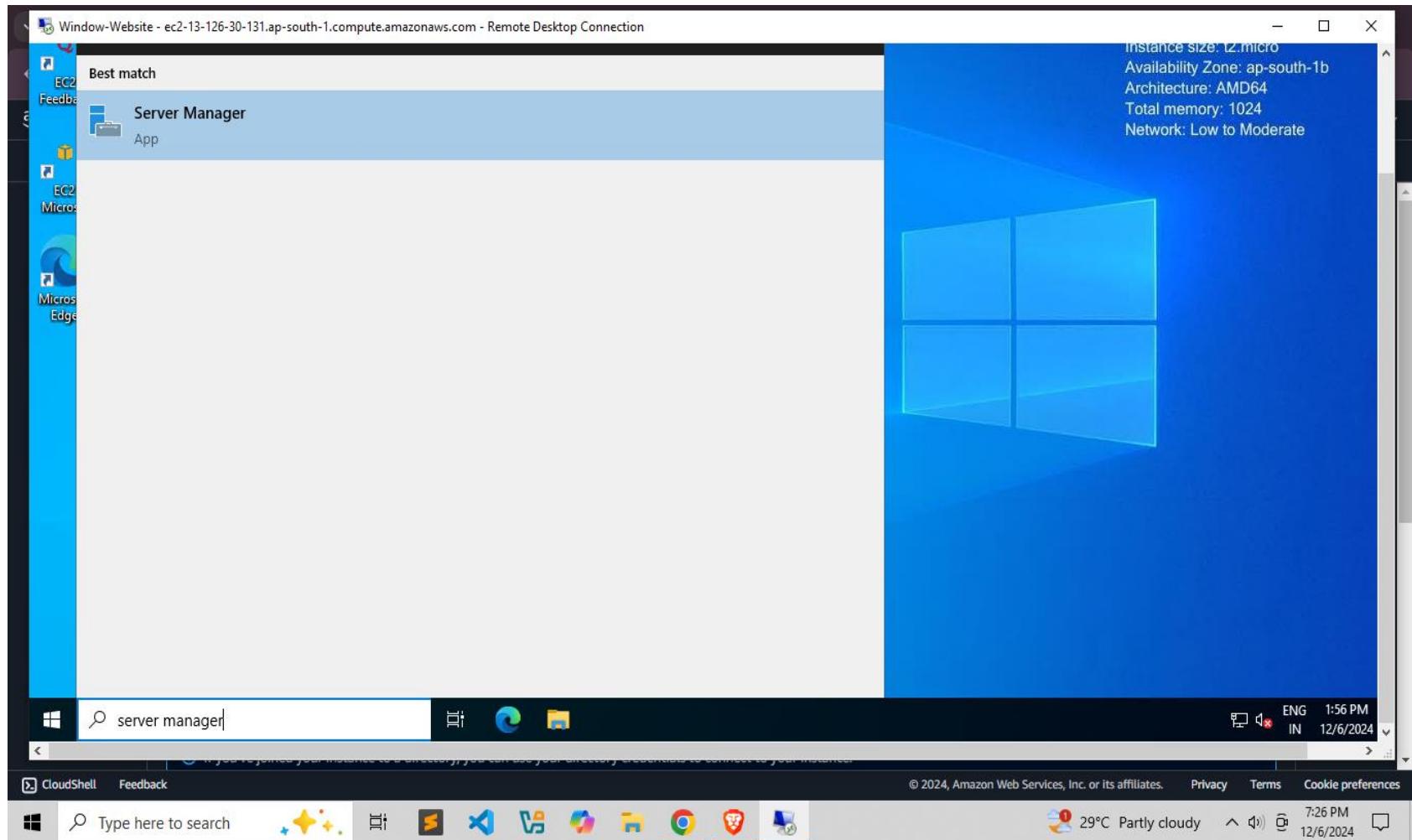
Step 14: Click on Correct



Step 15: Log in to the Windows Server via RDP



Step16:open Server Manager .



Step17: Go to Local Server IE Enhanced Security Configuration Click on “on”

PROPERTIES
For EC2AMAZ-CN6DL03

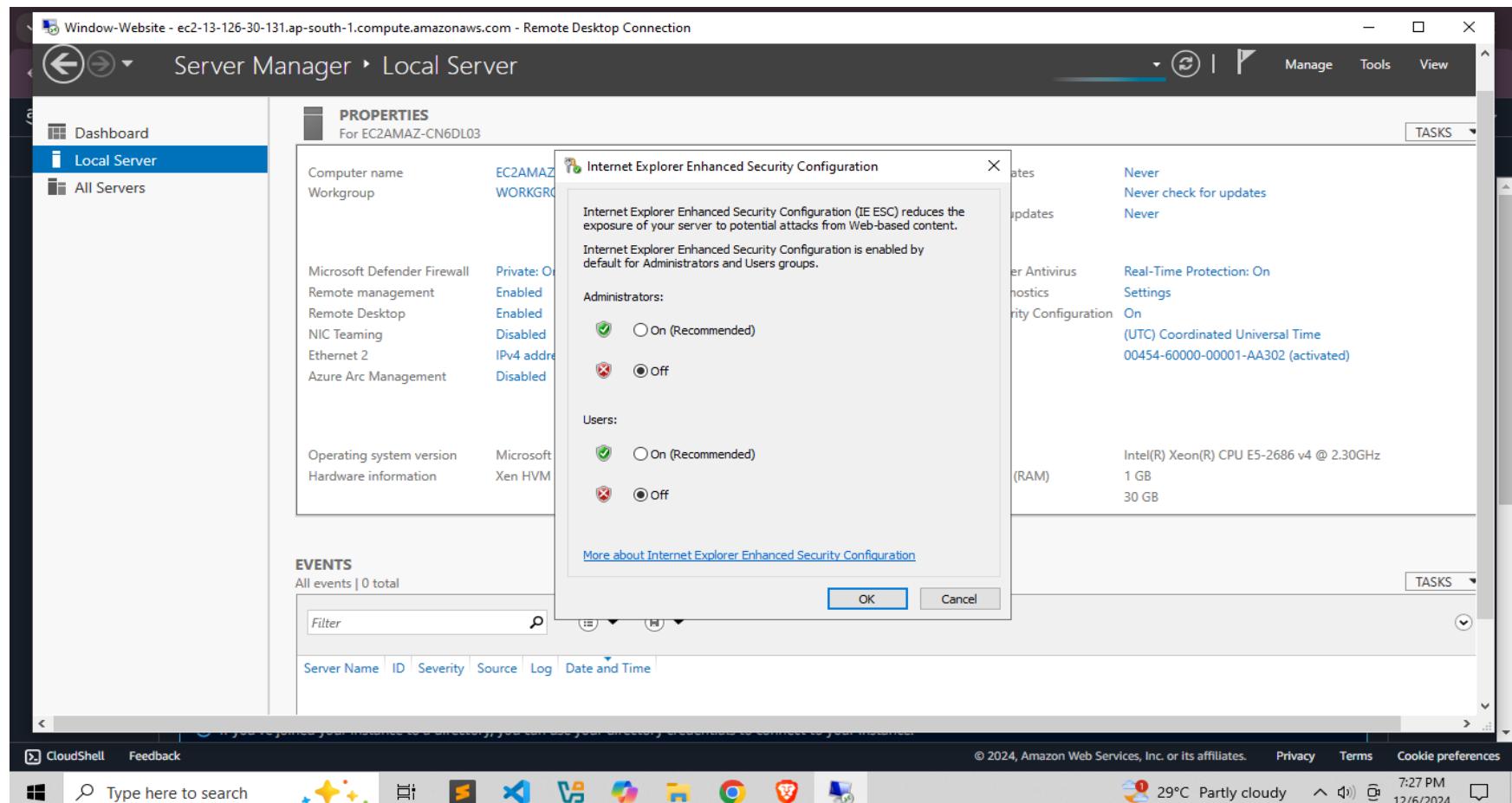
Computer name	EC2AMAZ-CN6DL03	Last installed updates	Never
Workgroup	WORKGROUP	Windows Update	Never check for updates
		Last checked for updates	Never
Microsoft Defender Firewall	Private: On	Microsoft Defender Antivirus	Real-Time Protection: On
Remote management	Enabled	Feedback & Diagnostics	Settings
Remote Desktop	Enabled	IE Enhanced Security Configuration	On
NIC Teaming	Disabled	Time zone	(UTC) Coordinated Universal Time
Ethernet 2	IPv4 address assigned by DHCP, IPv6 enabled	Product ID	00454-60000-00001-AA302 (activated)
Azure Arc Management	Disabled		

EVENTS
All events | 0 total

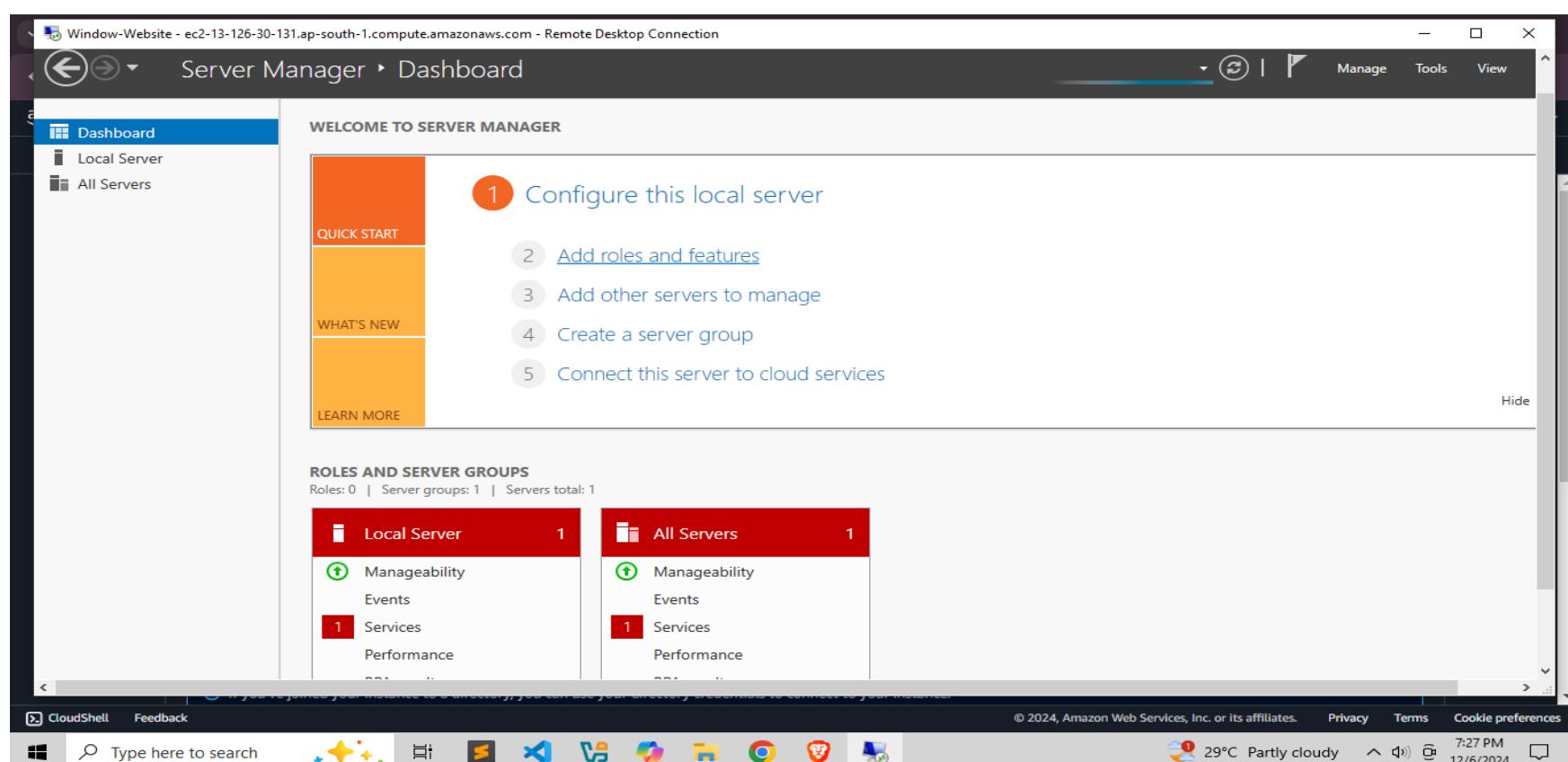
Filter	ID	Severity	Source	Log	Date and Time

Steps 18: A dialog box will appear with two options:

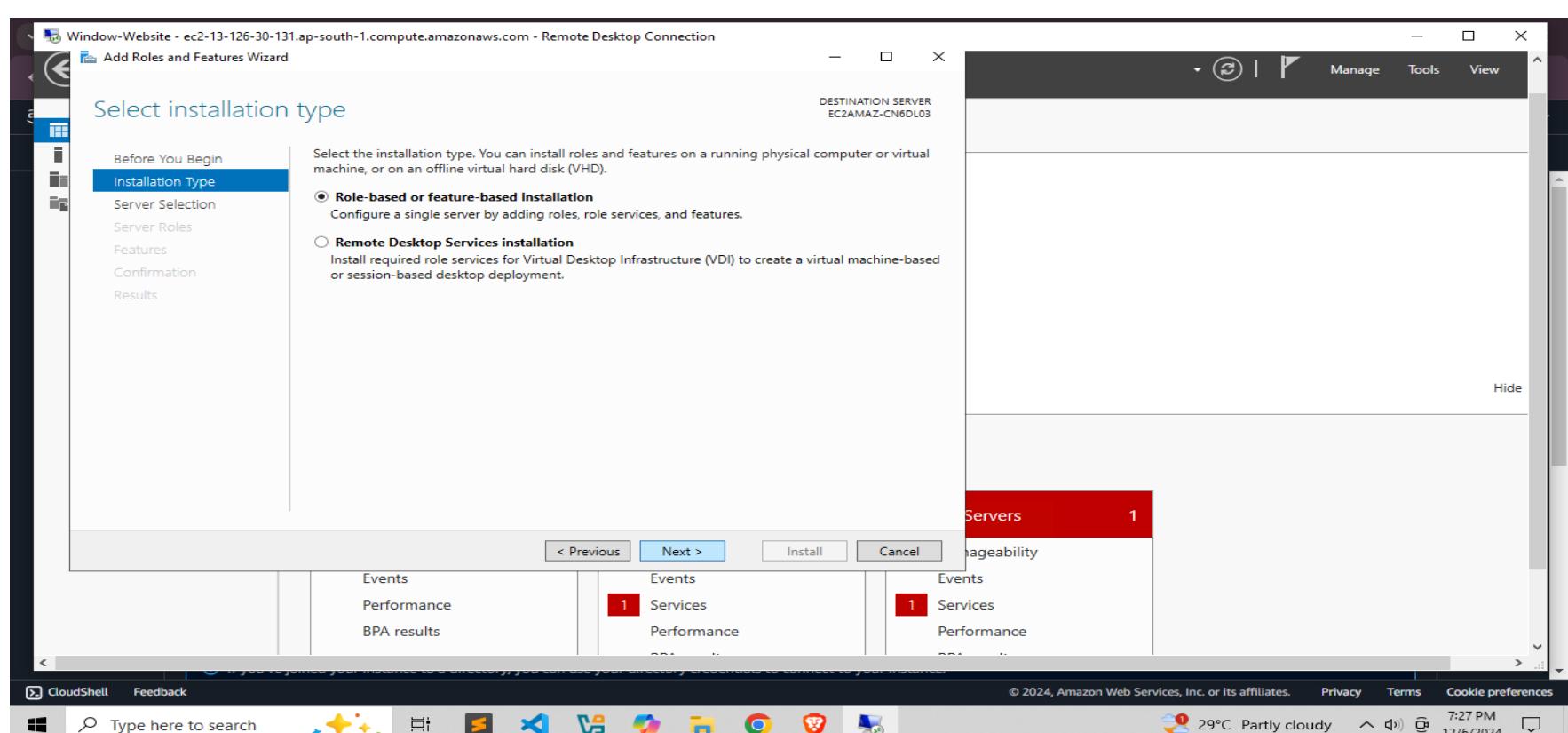
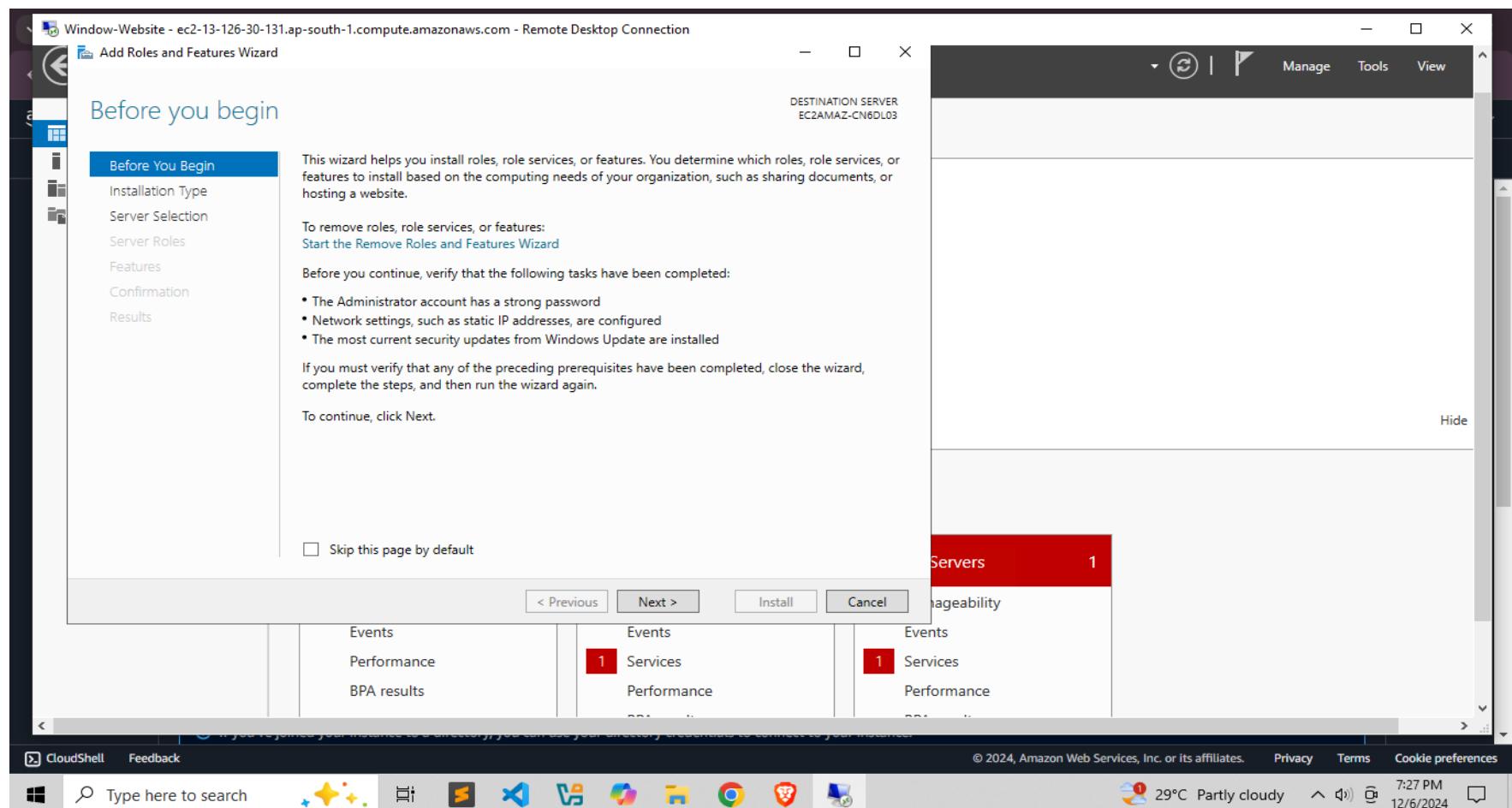
- **Administrators: Turn this to Off.**
- **Users: Turn this to Off as well.**
- **Click On Ok.**



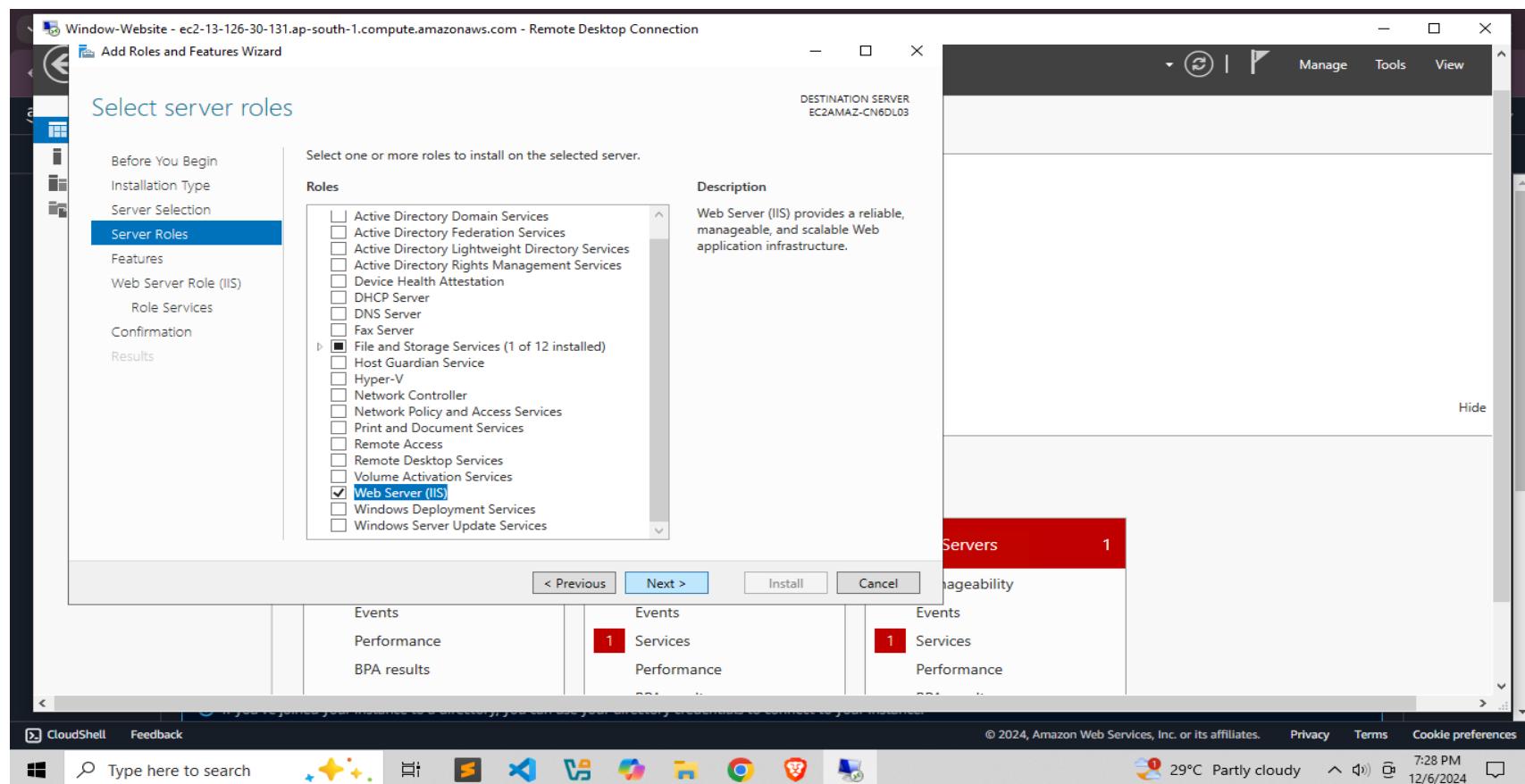
Step18: Click On Dashboard Then Go to Add roles and Features



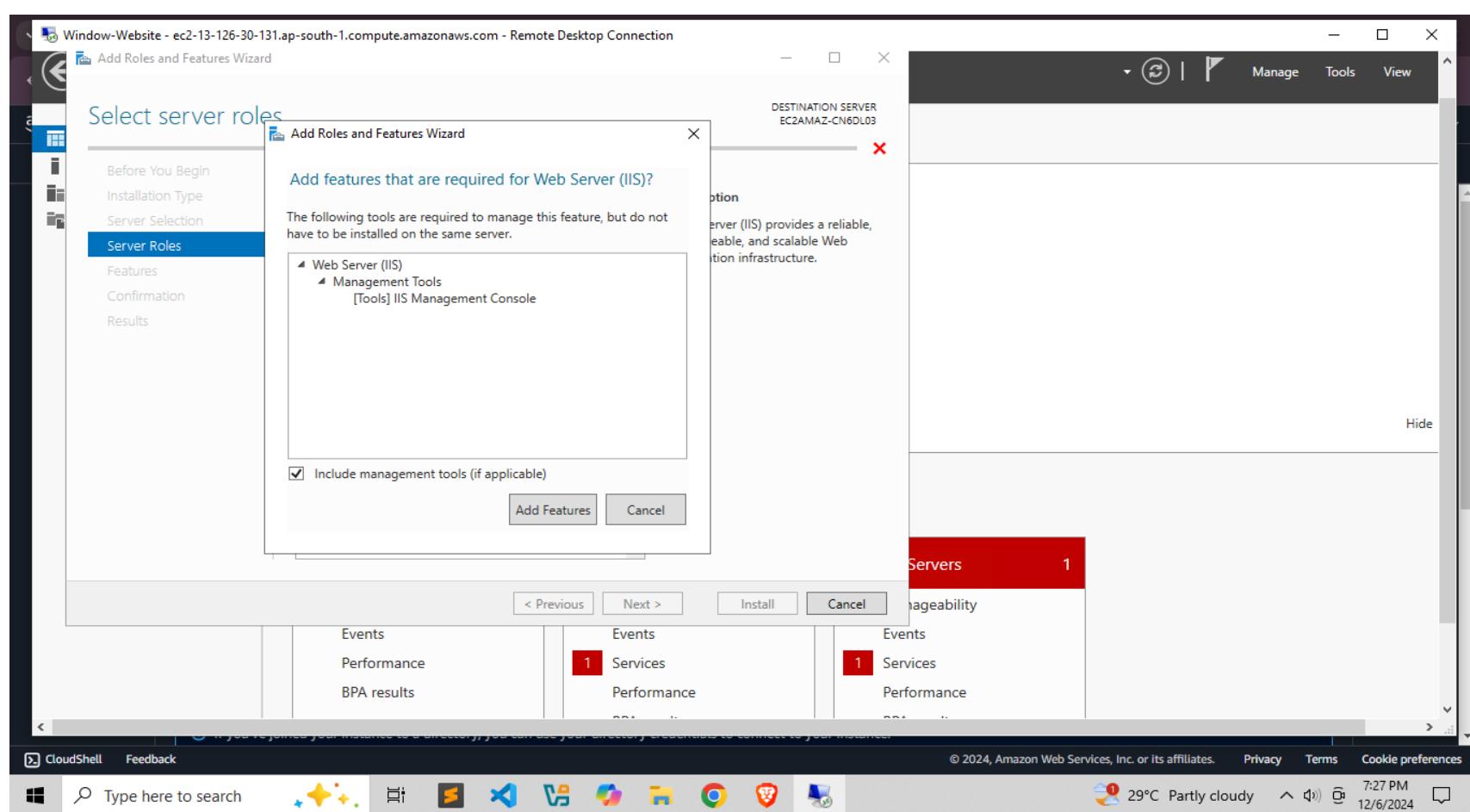
Step 19: Click On Next And Next



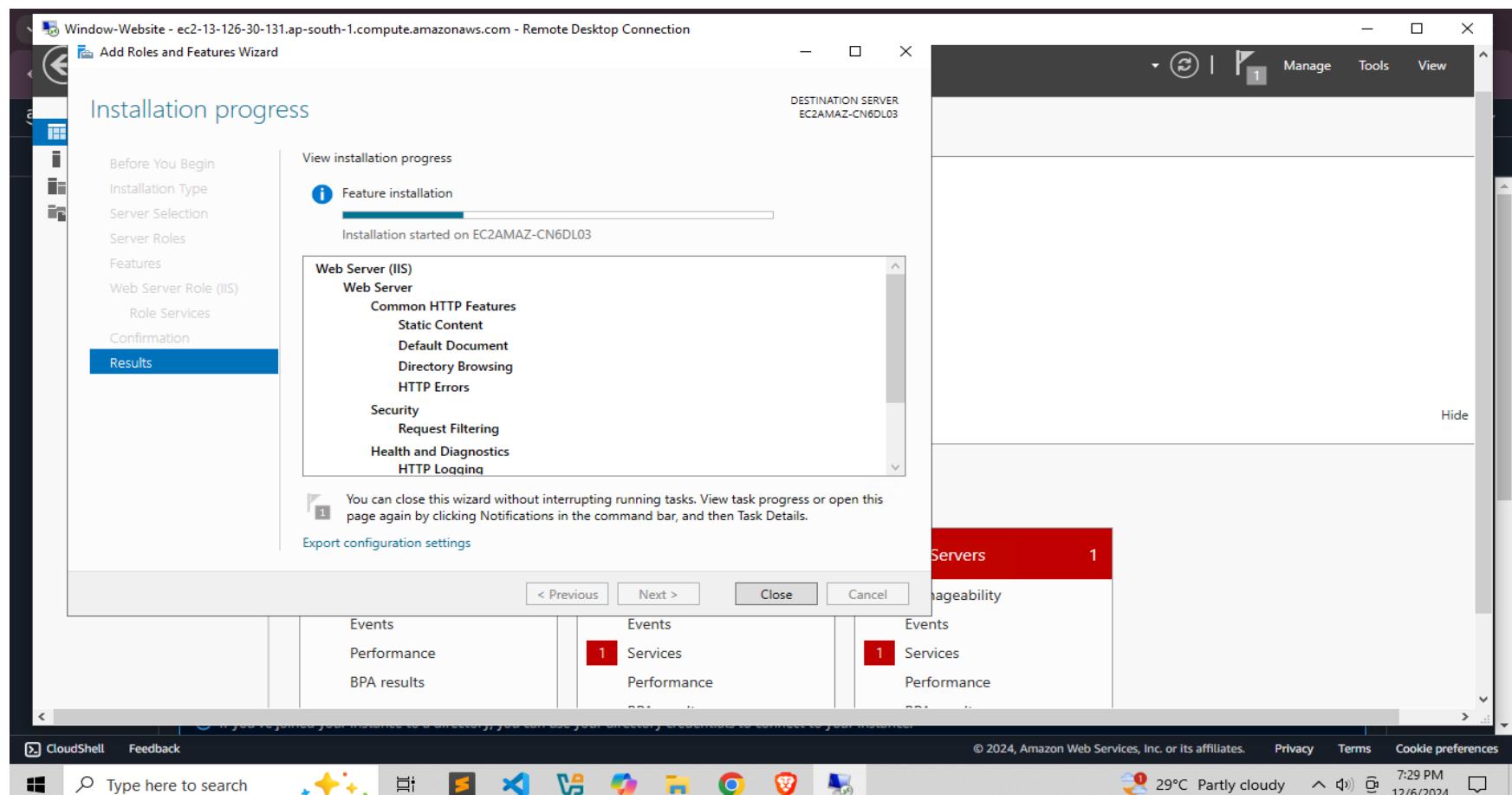
Steps 20: add Role Web Server (IIS) and Click on next



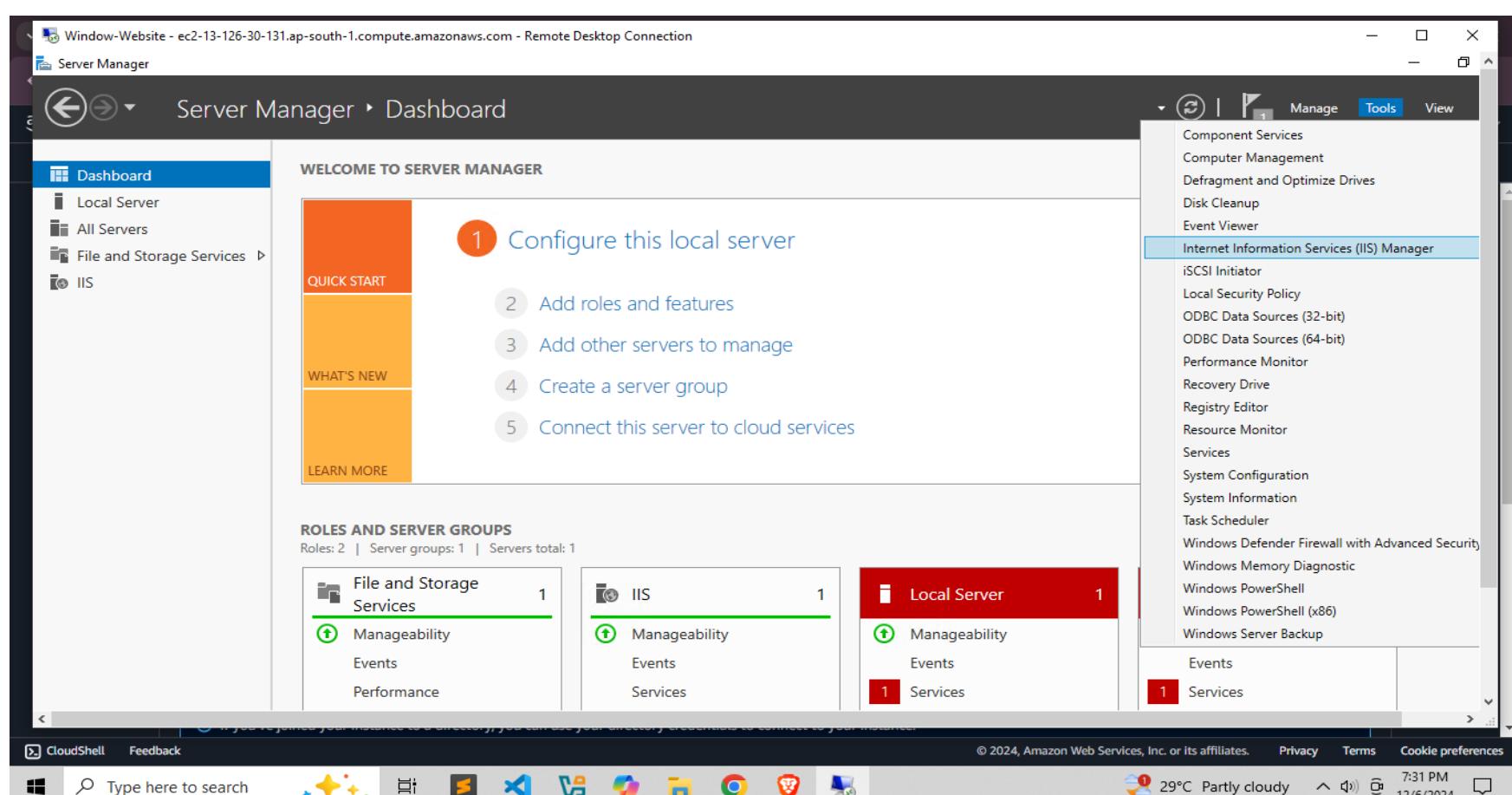
Steps 21: Click On Add Features and Install



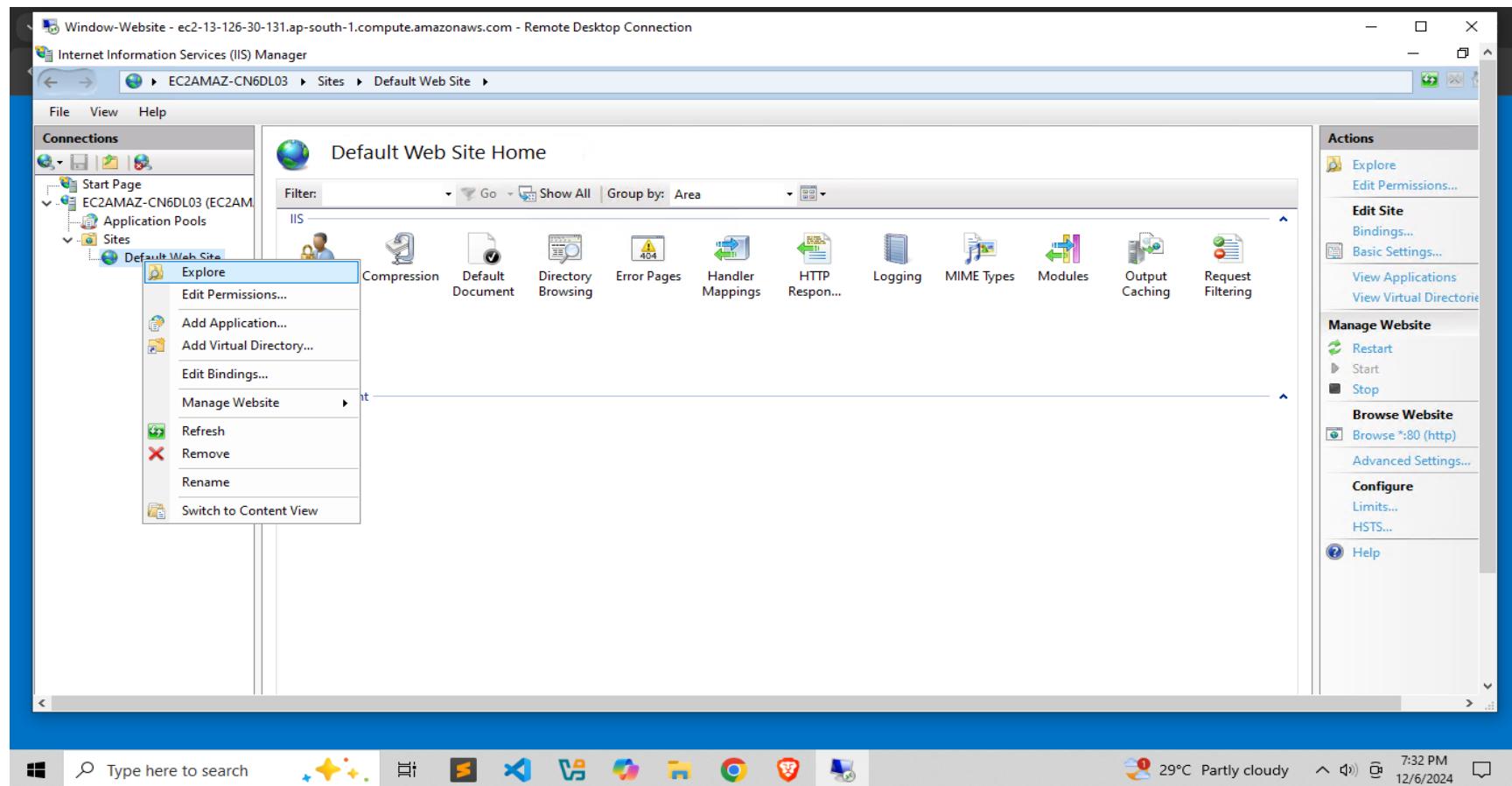
Step 22: Wait until it gets Done and Click on Close



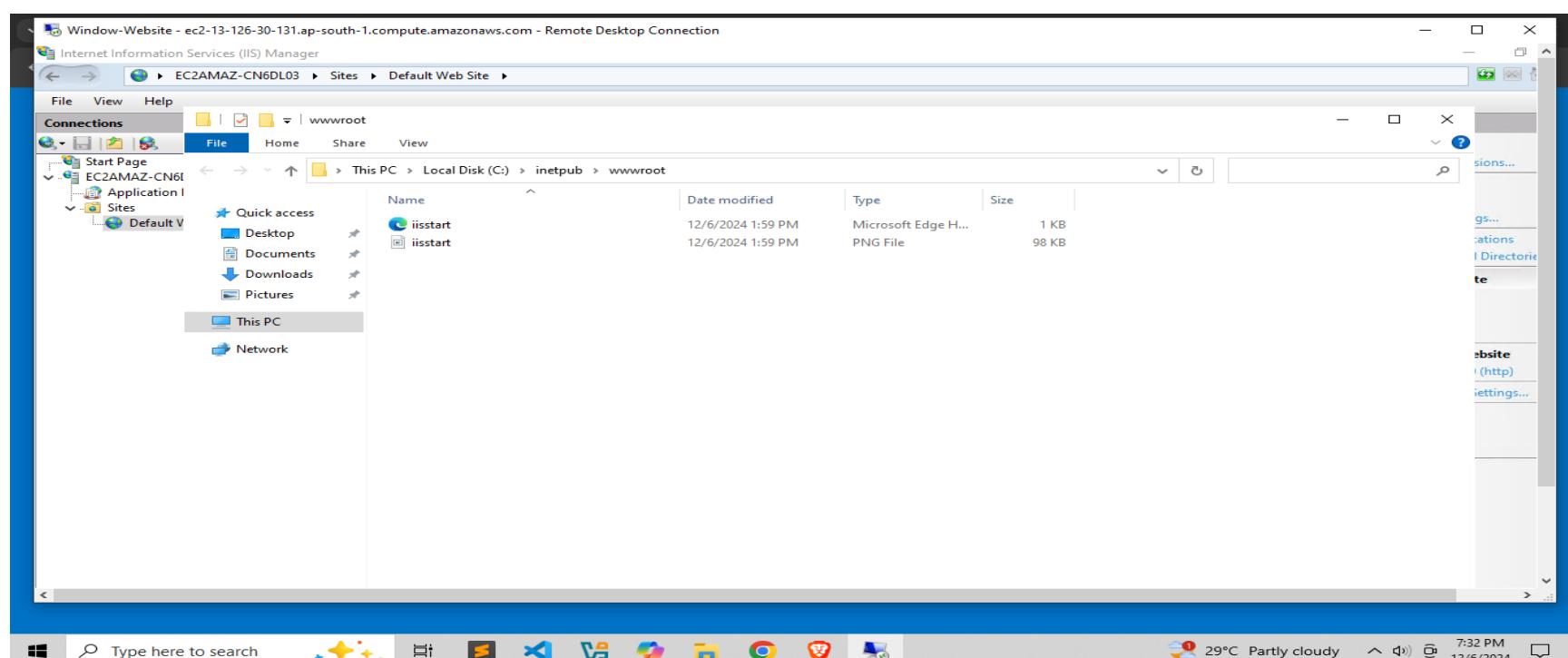
Step 23 : Click On Tools Then Internet Information Services(IIS) Manager



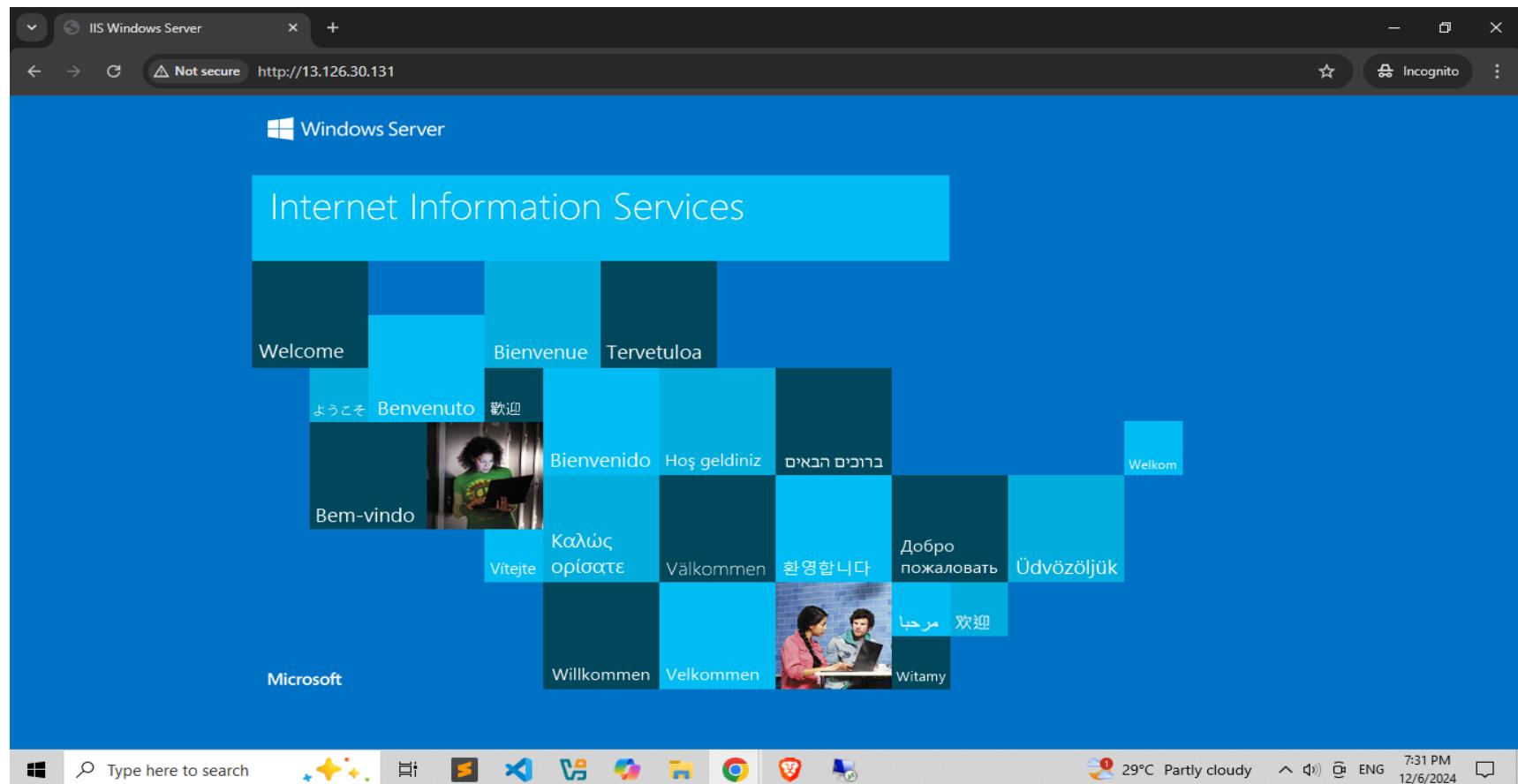
Step 24: Expand EC2AMAZ-CN6DL03 then again Expand Sites go to Default Web Site right Click and Explore.



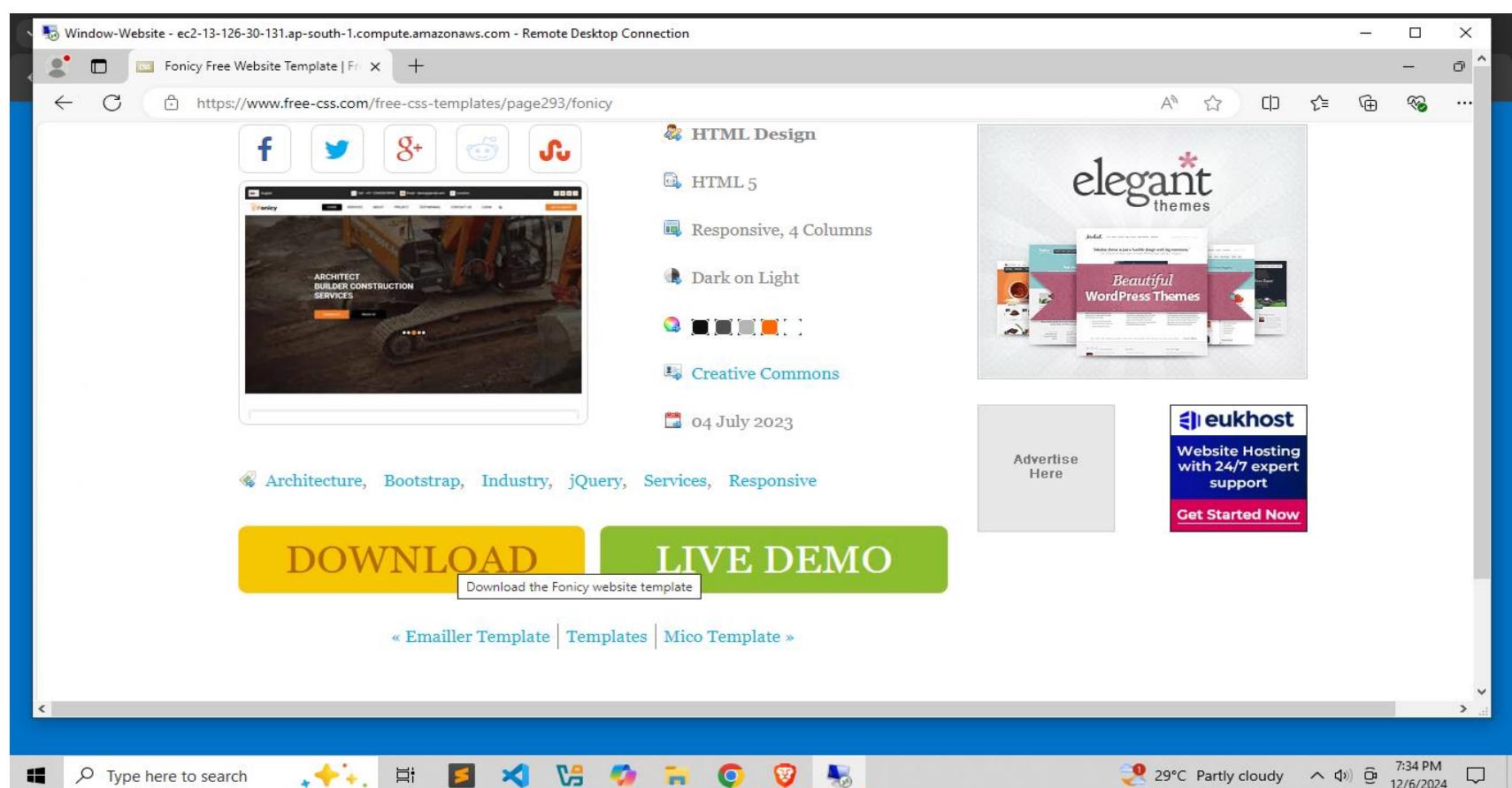
Step 25: Here Your Windows Default Web Site is open



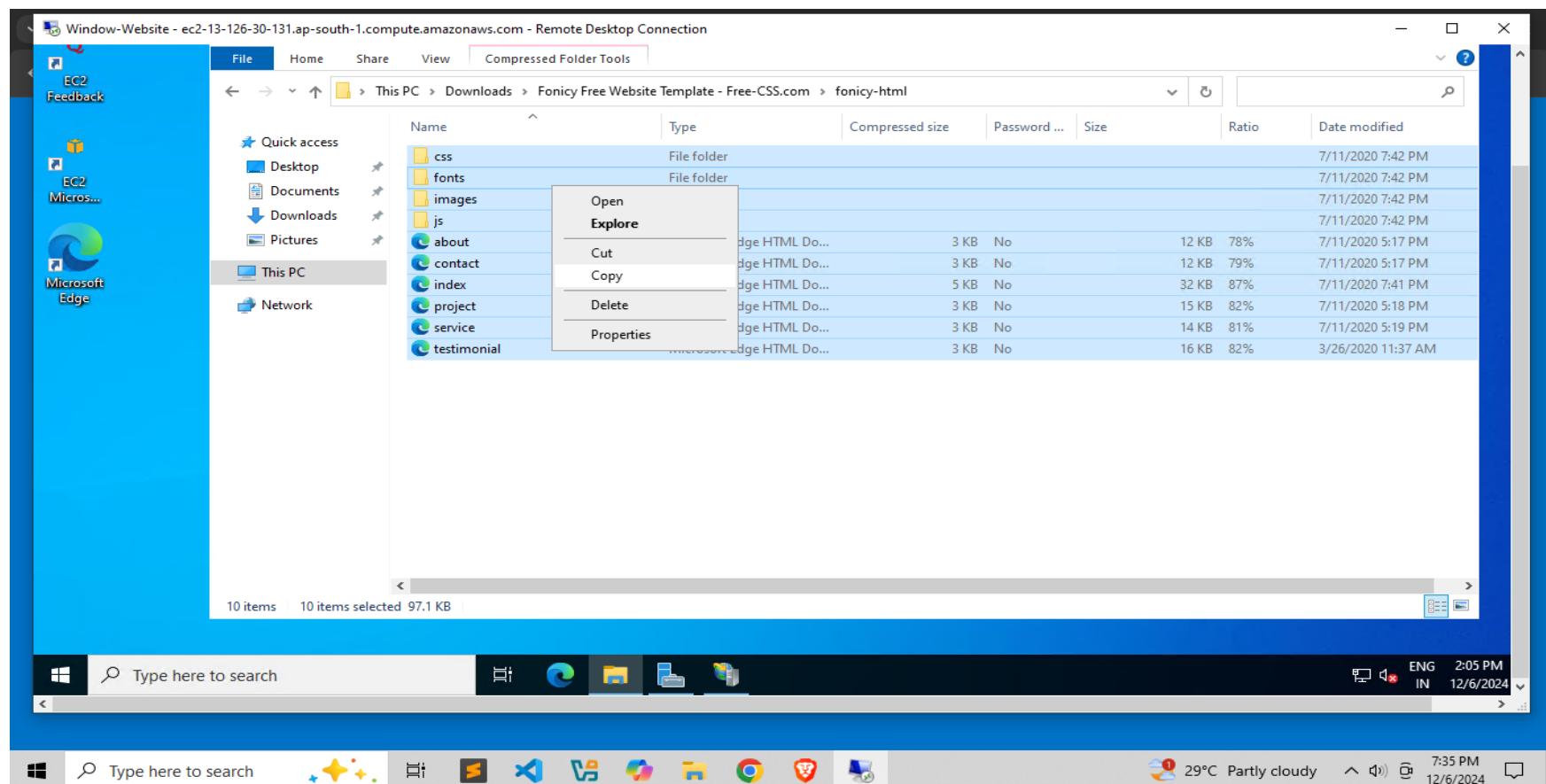
Step 26: That Default File will Show this here you Know Your Website is Working



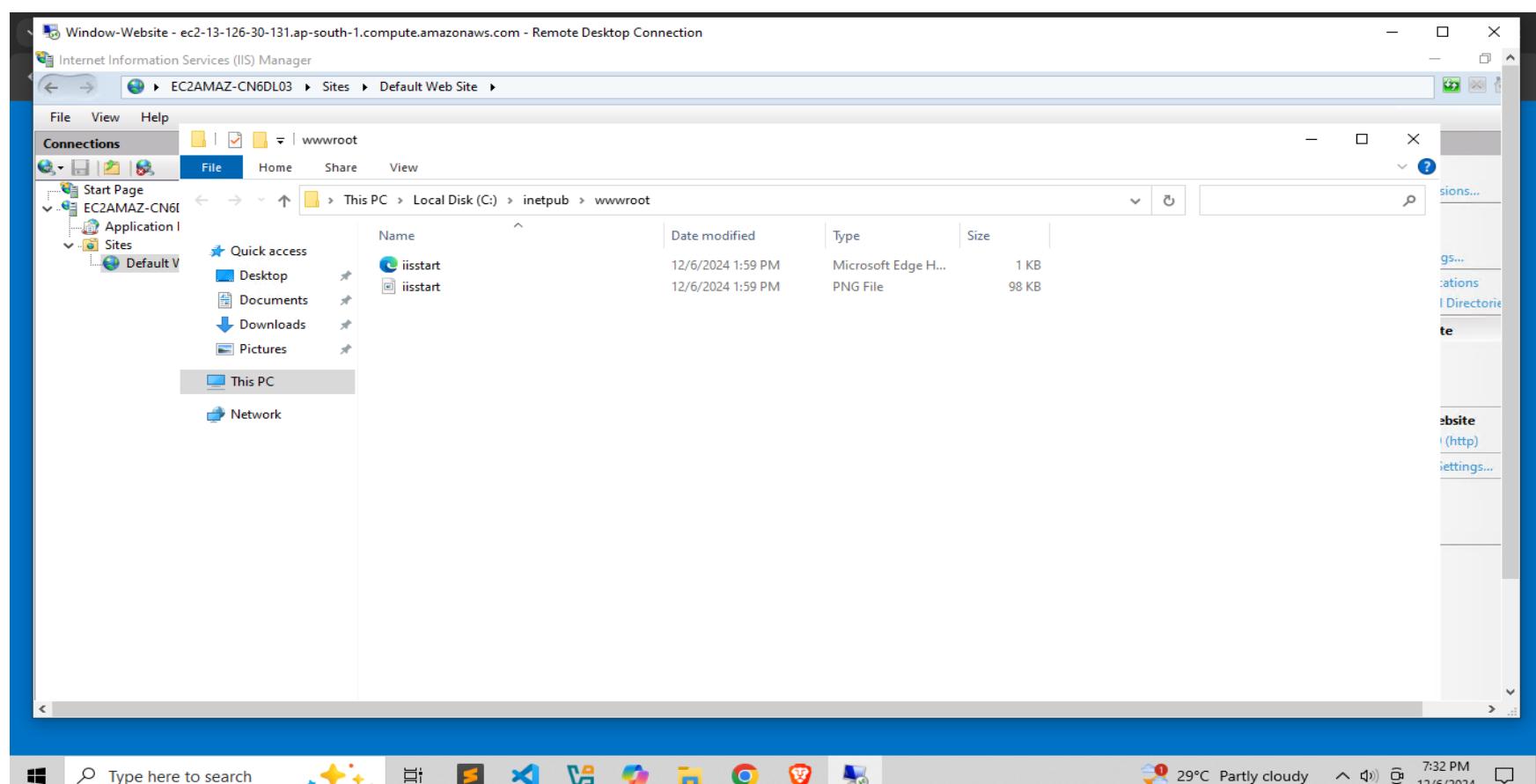
Step 27: Go to Microsoft Edge Download one free CSS Template



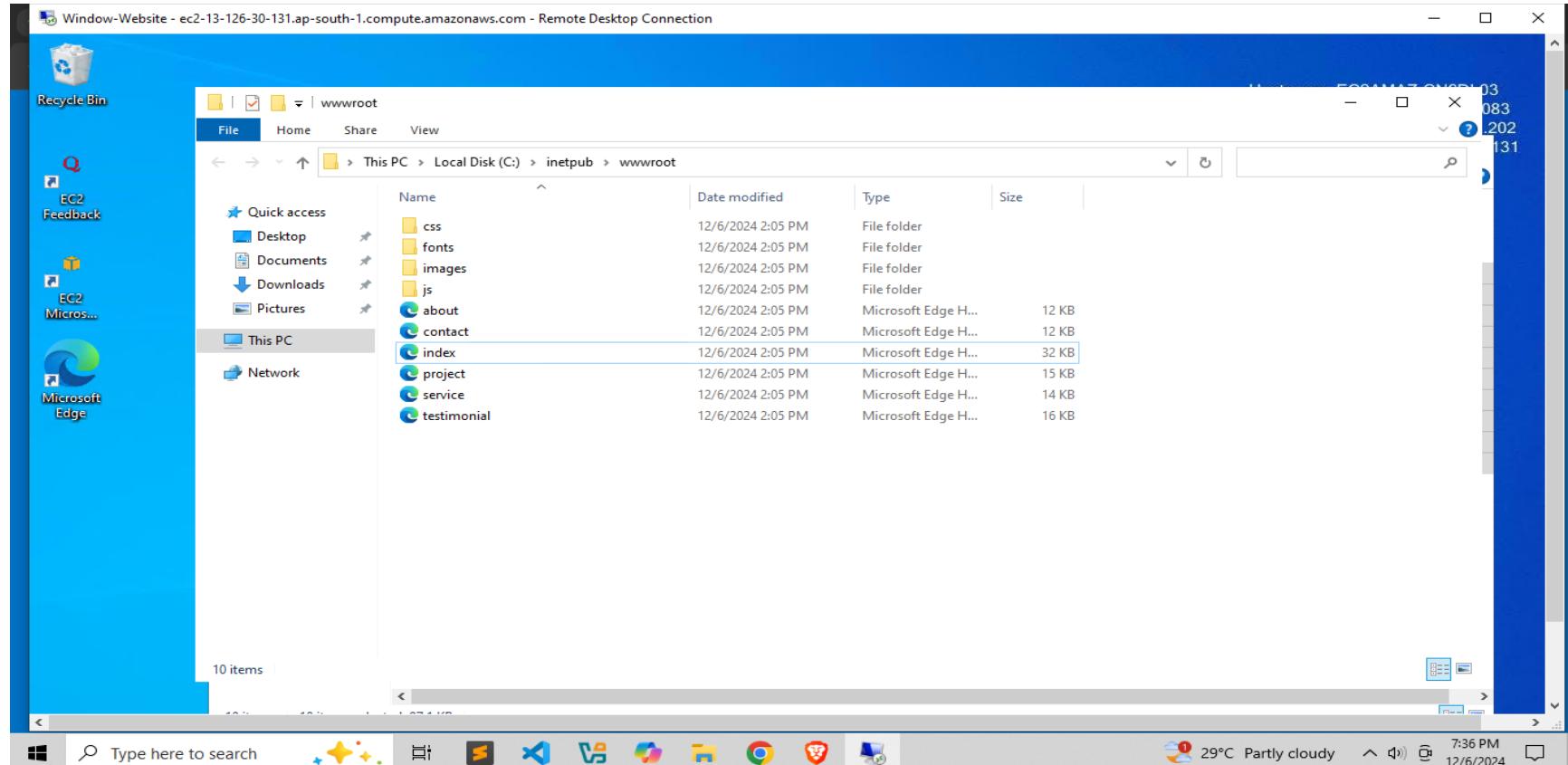
Step 28: Extract the Download Files and Copy All Files



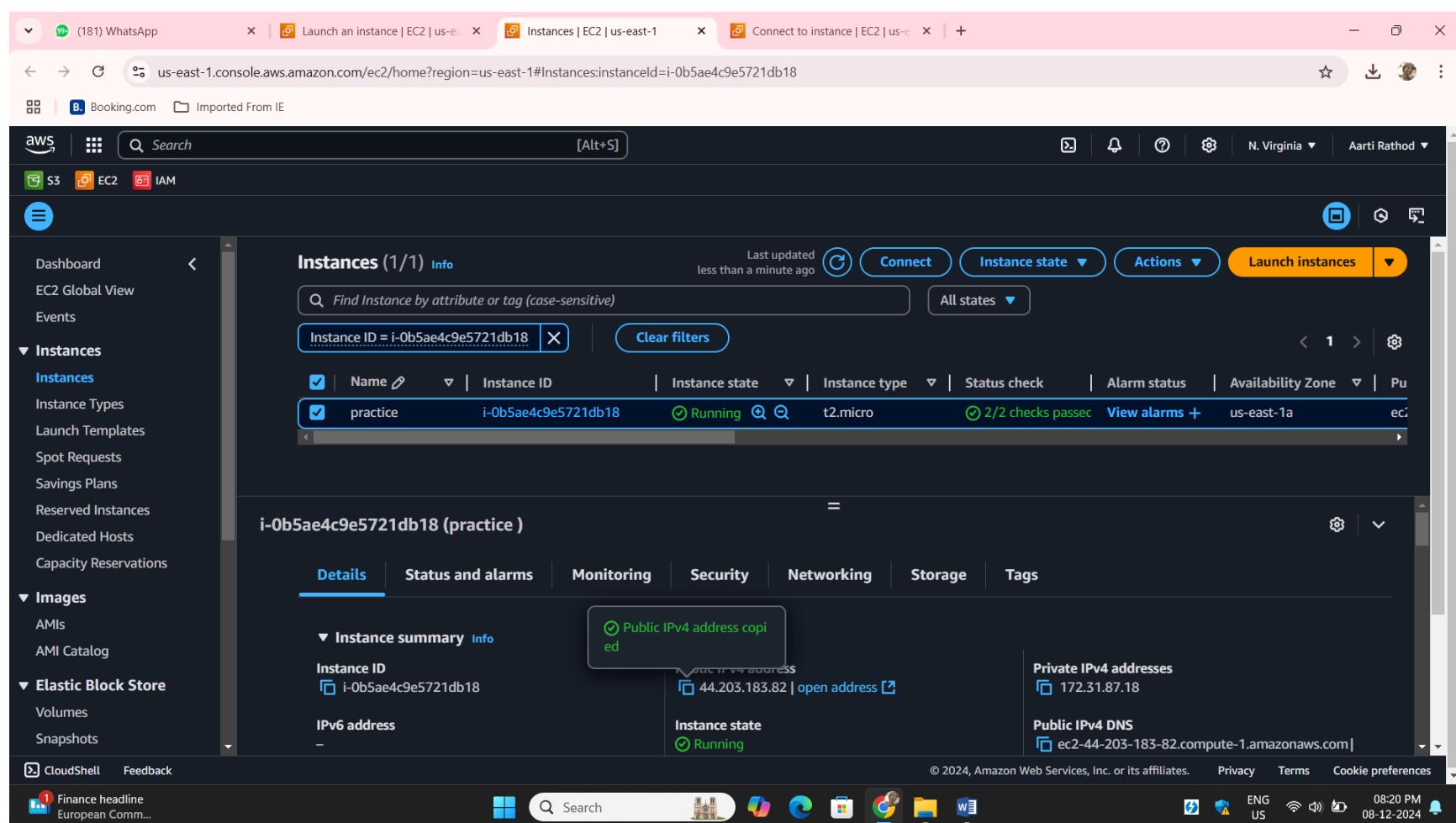
Step 30: Go to Default Web Sites and Delete This Files.



Step 32: Paste the Files Which You Copy.



Step 33: Copy the Public IP paste on new tab.



Step 34: Here Your Website is Host On Windows Server!!

