

Q) Hosting the static website on ec2 and accessing via public ip using vpc

General Steps:

1. **First create a Ec2 instance with Windows AMI with the inbound rule as http and https**

EC2 > Instances > Launch an instance

Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags [Info](#)

Name

 [Add additional tags](#)

▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Recents | **Quick Start**

Amazon Linux
aws

macOS
Mac

Ubuntu
ubuntu

Windows
Microsoft

Red Hat
Red Hat

SUSE Linux
SUS

[Browse more AMIs](#)
Including AMIs from AWS, Marketplace and the Community

▼ Summary

Number of instances [Info](#)

Software Image (AMI)
Microsoft Windows Server 2022 ...[read more](#)
ami-0f9c44e98edf38a2b

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 30 GiB

[Cancel](#) [Launch Instance](#)
[Review commands](#)

2. **Create a new key pair as .pem**

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

 [Create new key pair](#)

For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

3. **Add the Created vpc as select subnet as public subnet and enable auto assign ip**

VPC - required [Info](#)

vpc-0962408f2a114b7c7 (vpc-revise) ▼ ↻
 10.0.0.0/16

Subnet [Info](#)

subnet-06a7a8651c06e21e0 vpc-revise-public-subnet1 ▼ ↻ [Create new subnet](#)
 VPC: vpc-0962408f2a114b7c7 Owner: 866388144037 Availability Zone: us-east-1a
 IP addresses available: 250 CIDR: 10.0.1.0/24

Auto-assign public IP [Info](#)

Enable ▼

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group ☐ Select existing security group

Security group name - required

launch-wizard-1

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and . _ - / () # , @ [] + = & ; { } ! \$ *

Description - required [Info](#)

launch-wizard-1 created 2024-03-01T05:33:45.124Z

Inbound Security Group Rules

4. Our new instance is created with windows AMI

<input type="checkbox"/>	Name ↗ ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Zone ▼	Public IPv4 DNS ▼	Public IPv4
<input type="checkbox"/>	vpc-revise-ec2	i-095d7e778df6d0bba	Running 🔍	t2.micro	2/2 checks passed View alarms +		us-east-1a	-	34.229.193.
<input type="checkbox"/>	windows-ec2	i-0d780041cb748261e	Running 🔍	t2.micro	🕒 Initializing View alarms +		us-east-1a	-	54.87.191.

5. Connect the ec2 and select RDP Client

[EC2](#) > [Instances](#) > [i-0d780041cb748261e](#) > Connect to instance

Connect to instance [Info](#)

Connect to your instance i-0d780041cb748261e (windows-ec2) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID


 i-0d780041cb748261e (windows-ec2)

Connection Type

☒ **Connect using RDP client**

Download a file to use with your RDP client and retrieve your password.

☐ **Connect using Fleet Manager**

To connect to the Instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the Instance. For more information, see [Working with SSM Agent](#) 

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

 **Download remote desktop file**

When prompted, connect to your instance using the following username and password:


Public IP

 54.87.191.11

Username [Info](#)


 Administrator ▼


Password **Get password**

 If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

6. Click the get password and upload the key pair for and decrypt the password

Password

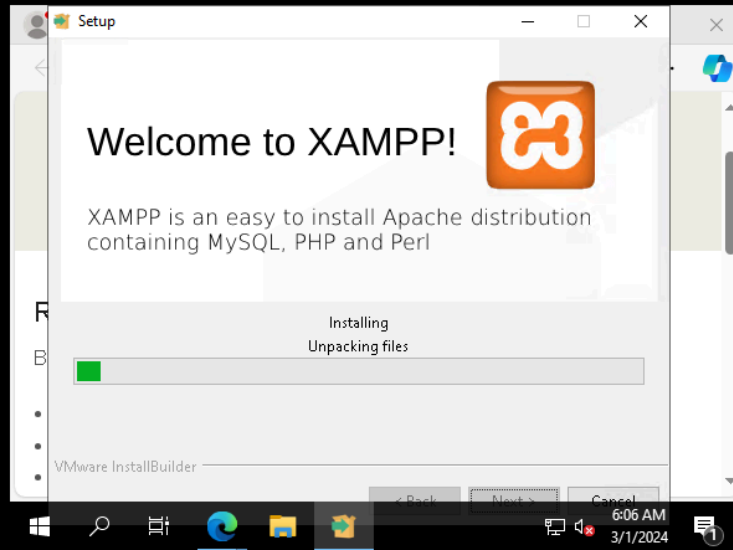
 7ni?SvBH4&0gLXZuN5yZUAa&Hwxvmx2y

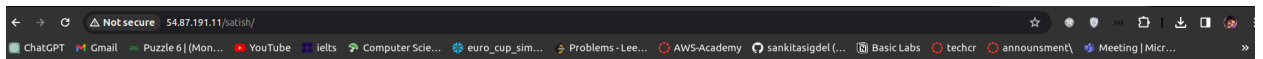
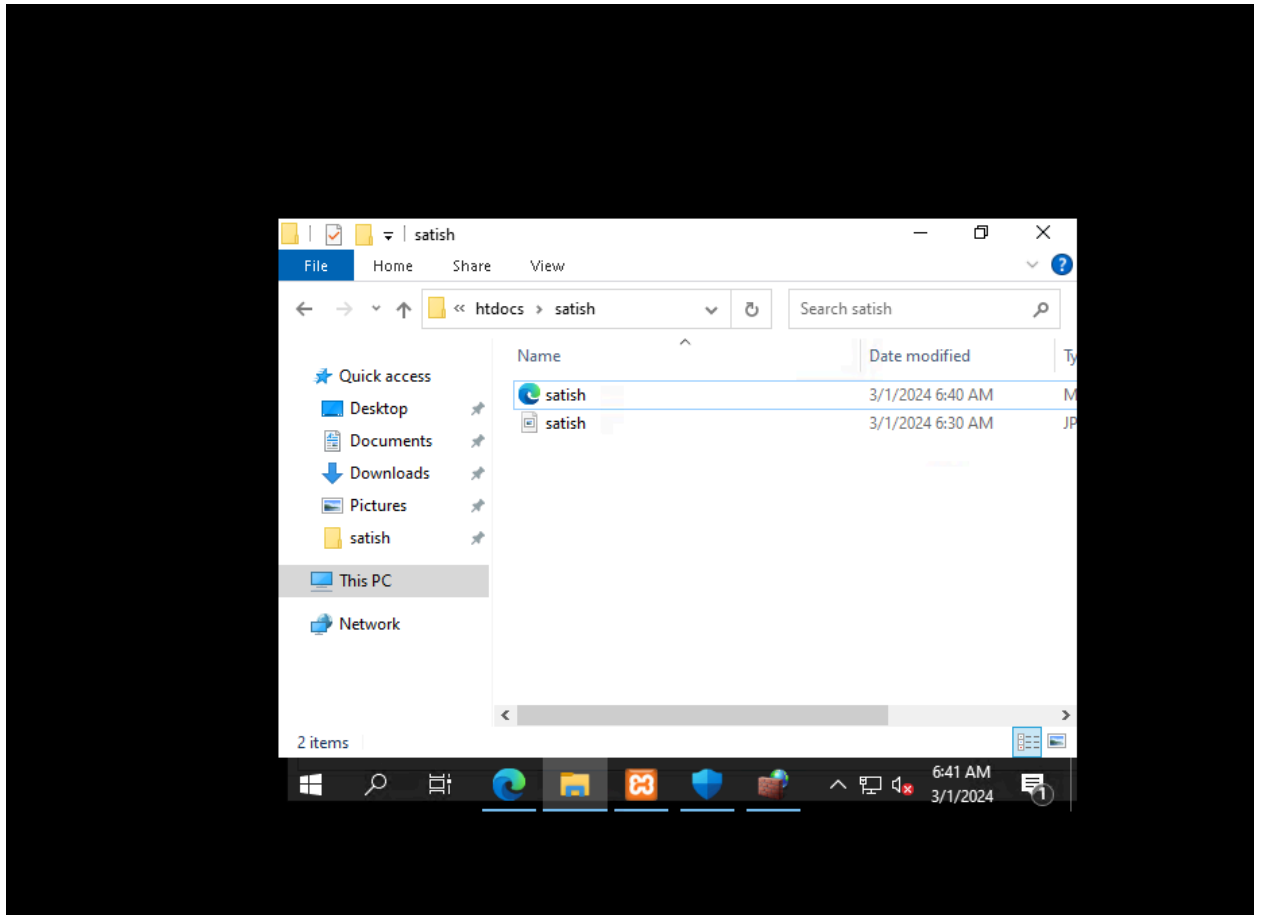
 If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

7. Now we can see we are able to access the ec2 machine



8. Install the xampp on the ec2 and create the html file and put the content for the static page






Index of /satish

Name	Last modified	Size	Description
Parent Directory	-	-	-
satish.html	2024-03-01 06:40	1.2K	
satish.jpg	2024-03-01 06:30	201K	

Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.0.30 Server at 54.87.191.11 Port 80

9. Now copy the ip from ec2 and access you static site


 Download remote desktop file

When you want to connect to your instance using the following username and password:


 Public IP copied


 54.87.191.11

Username [Info](#)

 Administrator ▼

Password

 7ni?SvBH4&0gLXZuN5yZUAa&Hwxvmx2y

 If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

You can see my static site i am able to access using ec2 ip

