

## AWS Task-1

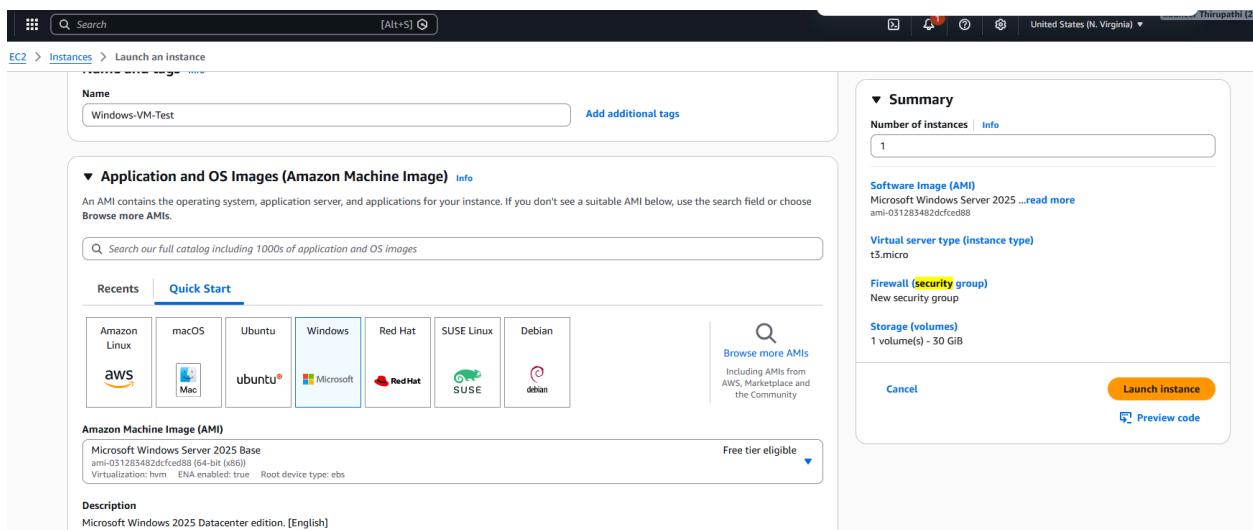
### Task Description:

Create a windows Vm machine in AWS and connect with RDP open CMD in windows share the about system info.

### Techstacks needs to be used :

- AWS EC2 (windows)
- RDP (Preavailable in Windows)

### Launching windows Ec2 Instance:



**Instance summary for i-0db0678ea303f863e (Windows-VM-Test) [Info](#)**

Updated less than a minute ago

<b>Instance ID</b> <a href="#">i-0db0678ea303f863e</a>	<b>Public IPv4 address</b> <a href="#">13.222.54.237</a>   <a href="#">open address</a>	<b>Private IPv4 addresses</b> <a href="#">172.31.88.2</a>
<b>IPv6 address</b> -	<b>Instance state</b> <span style="color: green;">Running</span>	<b>Public DNS</b> <a href="#">ec2-13-222-54-237.compute-1.amazonaws.com</a>
<b>Hostname type</b> IP name: ip-172-31-88-2.ec2.internal	<b>Private IP DNS name (IPv4 only)</b> <a href="#">ip-172-31-88-2.ec2.internal</a>	<b>Elastic IP addresses</b> -
<b>Answer private resource DNS name</b> IPv4 (A)	<b>Instance type</b> <a href="#">t3.micro</a>	<b>AWS Compute Optimizer finding</b> <a href="#">Opt-in to AWS Compute Optimizer for recommendations</a>
<b>Auto-assigned IP address</b> <a href="#">13.222.54.237</a> [Public IP]	<b>VPC ID</b> <a href="#">vpc-0d0636079a7bfa7fd</a>	<b>Auto Scaling Group name</b> -
<b>IAM role</b> -	<b>Subnet ID</b> <a href="#">subnet-007ce4c319a7ff99e</a>	<b>Managed</b> false
<b>IMDSv2</b> Required	<b>Instance ARN</b> <a href="#">arn:aws:ec2:us-east-1:26048776023:instance/i-0db0678ea303f863e</a>	
<b>Operator</b> -		

**Details** | **Status and alarms** | **Monitoring** | **Security** | **Networking** | **Storage** | **Tags**

## Get Windows Administrator Password:

1. Once instance is running, select it → Click Connect → RDP Client.
2. Click Get Password → Upload firstkey.pem key file.
3. AWS will show the Administrator password.

**Connect [Info](#)**  
Connect to an instance using the browser-based client.

<b>Instance ID</b> <a href="#">i-0db0678ea303f863e (Windows-VM-Test)</a>	<b>VPC ID</b> <a href="#">vpc-0d0636079a7bfa7fd</a>	<b>Security groups</b> <a href="#">sg-064f64bbe5eb77bc6 (launch-wizard-12)</a>	<b>IAM role</b> -
-----------------------------------------------------------------------------	--------------------------------------------------------	-----------------------------------------------------------------------------------	----------------------

**RDP client** | **SSM Session Manager** | **EC2 serial console**

**Record RDP connections**  
You can now record RDP connections using AWS Systems Manager just-in-time node access. [Learn more](#)

**Try for free** [X](#)

**Instance ID**  
[i-0db0678ea303f863e \(Windows-VM-Test\)](#)

**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 DNS**  
[ec2-13-222-54-237.compute-1.amazonaws.com](#)

**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.

[Cancel](#)

Get Windows password

**Get Windows password** Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID  
 i-0db0678ea303f863e (Windows-VM-Test)

Key pair associated with this instance  
 firstkey

Private key  
 Either upload your private key file or copy and paste its contents into the field below.

1.68 KB

Private key contents

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpaIBAAKCAQEAyAcC/TDwJtQUOomiy/2NFP9sdylmiduH4aGtGfsws/S1+j
n0dC13fGHOirrGpSFSU7RnLUkehsfntD71F1VxhzlBeohNGn7wRdu3n9w2fsh
v0Z85nqU3oEuoxf/pctjCHQ/Hg4WEClEVKMSy+QnOLvmndroBta8r8lnsp672
pWxpbdbHj61vJelvJ2WdffMECdnu8qd3oIP/DCNsBILosdnZeNsp7fv8HT
OGVT4QBdh73xBn4lk471fzGuwcwtw1Dn4c7WZJJPt4fm60+ZG4KJARPiJo
10rt5ALT6qvznScTfKKMCWUfDyahVdyjj7dwD4QABa0BAQCIG6Pamij2l0JZ
d0ze5b1EnOilGLpzKk/DA4td28sSqCy0PlUuvAPS0RK0801sSyvZbcywN6yeMD56
```

---

**Connect** Info

Connect to an instance using the browser-based client.

Instance ID <input type="checkbox"/> i-0db0678ea303f863e (Windows-VM-Test)	VPC ID <input type="checkbox"/> vpc-0d0636079a7bfa7fd	Security groups <input type="checkbox"/> sg-064f64b5eb77bc6 (launch-wizard-12)	IAM role -
-------------------------------------------------------------------------------	----------------------------------------------------------	-----------------------------------------------------------------------------------	---------------

SSM Session Manager  RDP client  EC2 serial console

Record RDP connections  
 You can now record RDP connections using AWS Systems Manager just-in-time node access. [Learn more](#) Info

Instance ID  
 i-0db0678ea303f863e (Windows-VM-Test)

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](#)

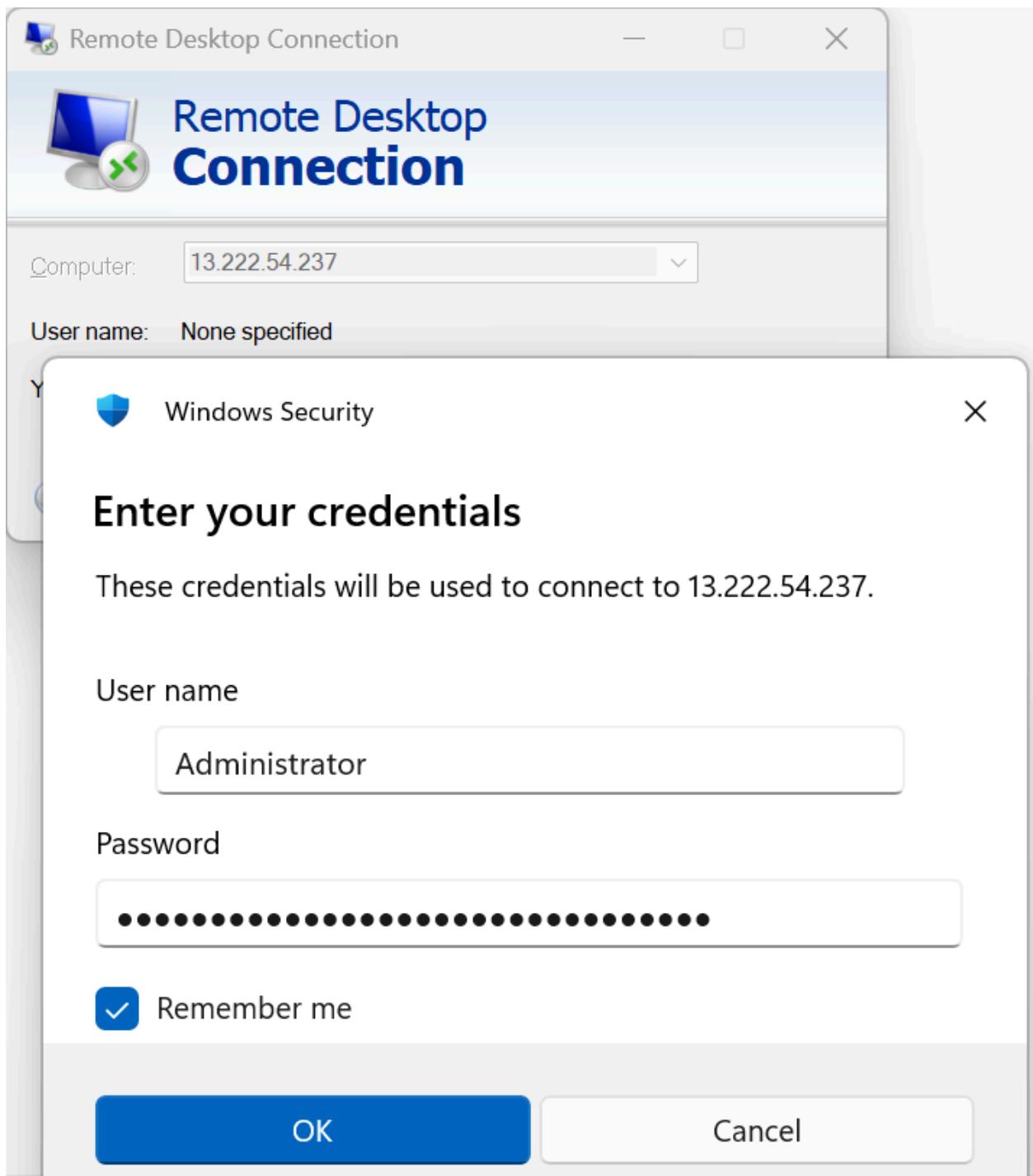
You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

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

Public DNS <input type="checkbox"/> ec2-13-222-54-237.compute-1.amazonaws.com	Username info <input type="text" value="Administrator"/> <input type="button" value="▼"/>
Password <input type="checkbox"/> nwxJWEtnqsyAmf0.nD=7%5kSC&yGjAgf	

## Connected via RDP:

1. Open Remote Desktop Connection in local machine
2. Enter:
  - Public IPv4 address of your EC2 instance
  - Username: **Administrator**
  - Password: The decrypted password from RDP client



13.222.54.237 - Remote Desktop Connection

Administrator: Command Prompt

```
System Locale: en-us;English (United States)
Input Locale: en-us;English (United States)
Time Zone: (UTC) Coordinated Universal Time
Total Physical Memory: 880 MB
Available Physical Memory: 63 MB
Virtual Memory: Max Size: 2,202 MB
Virtual Memory: Available: 429 MB
Virtual Memory: In Use: 1,773 MB
Page File Location(s): C:\pagefile.sys
Domain: WORKGROUP
Logon Server: \\EC2AMAZ-0JV9DST
Hotfix(s):
[01]: KB5066131
[02]: KB5075899
[03]: KB5075898

Network Card(s):
1 NIC(s) Installed.
[01]: Amazon Elastic Network Adapter
      Connection Name: Ethernet
      DHCP Enabled: Yes
      DHCP Server: 172.31.80.1
      IP address(es)
      [01]: 172.31.88.2
      [02]: fe80::1637:2155:70e5:9ba8

Virtualization-based security: Status: Not enabled
      App Control for Business policy: Enforced
      App Control for Business user mode policy: Off
      Security Features Enabled: 

Hyper-V Requirements: A hypervisor has been detected. Features required for Hyper-V will not be displayed.

C:\Users\Administrator>
```