

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:

The screenshot displays the AWS Management Console interface for launching a new EC2 instance. The breadcrumb navigation shows 'EC2 > Instances > Launch an instance'. The main form is titled 'Launch an instance' and includes a 'Name' field with the value 'Windows-VM-Test' and a link to 'Add additional tags'.

The 'Application and OS Images (Amazon Machine Image)' section is expanded, showing a search bar and a 'Quick Start' tab. Below the search bar, there are tiles for various operating systems: Amazon Linux, macOS, Ubuntu, Windows (selected), Red Hat, SUSE Linux, and Debian. The 'Windows' tile is highlighted, showing the 'Microsoft Windows Server 2025 Base' AMI (ami-031283482dcfcd88) with a 'Free tier eligible' badge. The description for this AMI is 'Microsoft Windows 2025 Datacenter edition. [English]'.

The right-hand sidebar contains a 'Summary' section with the following details:

- Number of instances:** 1
- Software Image (AMI):** Microsoft Windows Server 2025 ...read more (ami-031283482dcfcd88)
- Virtual server type (instance type):** t3.micro
- Firewall (security group):** New security group
- Storage (volumes):** 1 volume(s) - 30 GiB

At the bottom of the sidebar, there are buttons for 'Cancel', 'Launch instance', and 'Preview code'.

EC2 > Instances > i-0db0678ea303f863e

Dashboard

Global View

Instances

Instance Types

Machine Templates

EC2 Requests

EC2 Plans

Reserved Instances

EC2 Hosts

EC2 Reservations

EC2 Manager

Images

AMI Catalog

Virtual Block Store

Amazon S3

Amazon S3

Instance summary for i-0db0678ea303f863e (Windows-VM-Test)

Updated less than a minute ago

Instance ID

i-0db0678ea303f863e

IPv6 address

–

Hostname type

IP name: ip-172-31-88-2.ec2.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

13.222.54.237 [Public IP]

IAM role

–

IMDSv2

Required

Operator

–

Public IPv4 address

13.222.54.237 | [open address](#)

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-88-2.ec2.internal

Instance type

t3.micro

VPC ID

vpc-0d0636079a7bfa7fd

Subnet ID

subnet-007ce4c319a7ff99e

Instance ARN

arn:aws:ec2:us-east-1:260448776023:instance/i-0db0678ea303f863e

Private IPv4 addresses

172.31.88.2

Public DNS

ec2-13-222-54-237.compute-1.amazonaws.com | [open address](#)

Elastic IP addresses

–

AWS Compute Optimizer finding

[Opt-in to AWS Compute Optimizer for recommendations](#)

Auto Scaling Group name

–

Managed

false

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.

i-0db0678ea303f863e > Connect to instance

Connect

Connect to an instance using the browser-based client.

Instance ID

i-0db0678ea303f863e (Windows-VM-Test)

VPC ID

vpc-0d0636079a7bfa7fd

Security groups

sg-064f64bbe5eb77bc6 (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](#)

Try for free

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

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 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.

[Upload private key file](#)

firstkey.pem
1.68 KB

Private key contents

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAyAcc/TDwJtQUOomyj/2NFP9sdy0miduH4laGtGfsws/51-J
nDdC13FG9H0irrGpSFSU7/rhUWkeNsfmt071F1V0vzhNBeehNGn7wRDu3N9wZfsh
vO2R85nQU3eEuox/fpcjCHQYHtG4WECIEVKM5Yp+QnOLvmndroB8ta98Rmm672
pPJWxvobd+H6TjvqJehUJ2wdfMECdcu8q35oIPJDCN68LLQsdLnZeNsp77y8Ht
OGVT4Q8db73x58n4kd4711t3Guwctw1Dn4c7WZLJPT4fml600+ZG4KJARPJoJ
10rt5ALT6jvzn5cTfexKMCWUrDYahVdYij7dwlDAQABaolBAQCIG6PamijZlOJZ
dOze5b1EnOILGLpZkK/DA4tdZ8s5qCy0PUuvAP50RK080155yvZbcywn6yeMD56
-----
```

[Cancel](#) [Decrypt password](#)

Connect info

Connect to an instance using the browser-based client.

Instance ID i-0db0678ea303f863e (Windows-VM-Test)	VPC ID vpc-0d0636079a7bfa7fd	Security groups sg-064f64bbe5eb77bc6 (launch-wizard-12)	IAM role -
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SSM Session Manager | **RDP client** | **EC2 serial console**

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Instance ID
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[Download remote desktop file](#)

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

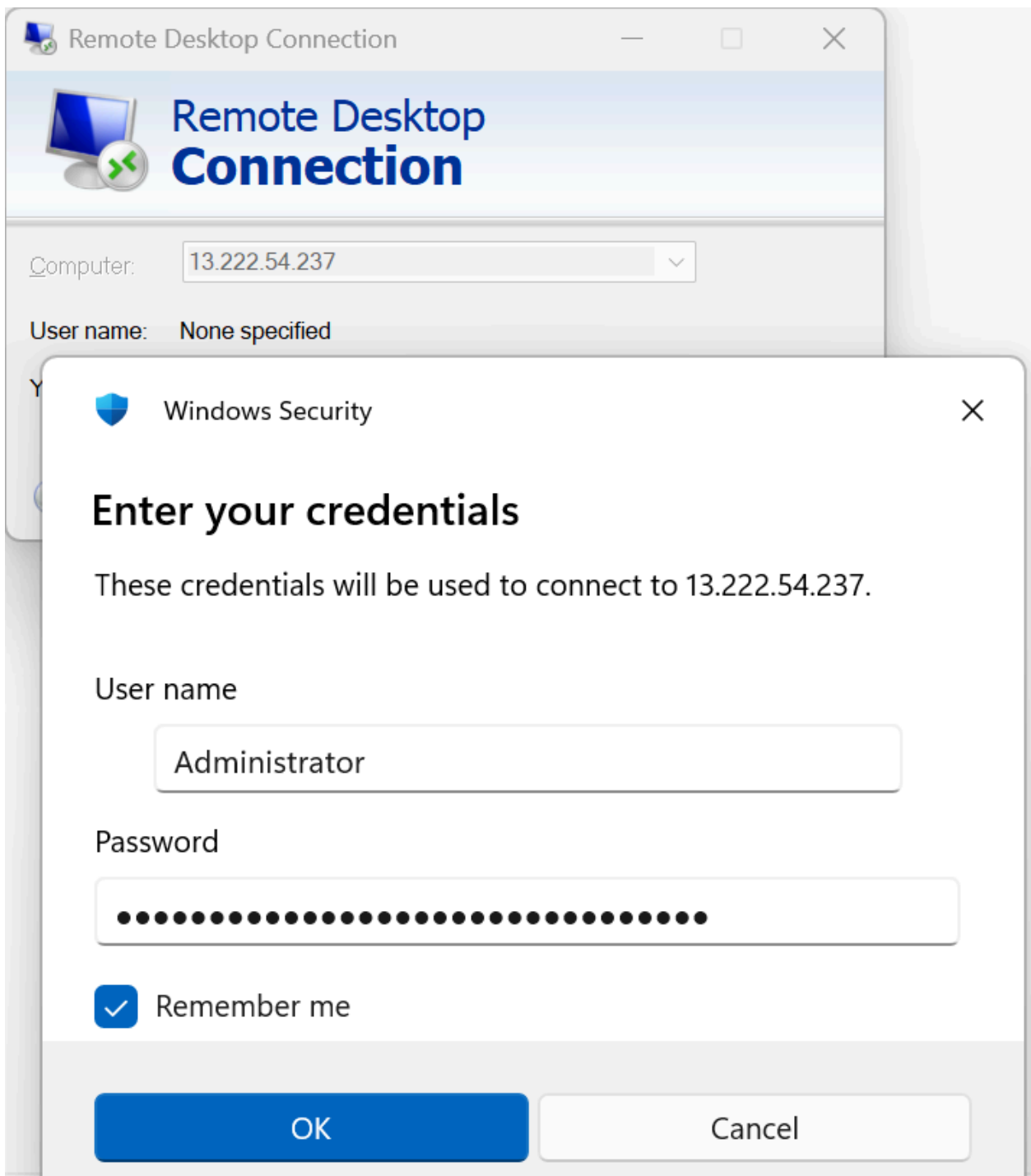
Public DNS
ec2-13-222-54-237.compute-1.amazonaws.com

Username
Administrator

Password
nwxJWEThqsyAmf0.nD=7%5kSC&yGjAgI

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): 3 Hotfix(s) Installed.
[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>
```