

Task - 12

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

Creating a windows EC2 instance

aws

Services

Search

[Alt+S]

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

windowsmachine

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

Search our full catalog including 1000s of application and OS images

Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Summary

Number of instances

Info

1

Software Image (AMI)

Microsoft Windows Server 2022 ...read more

ami-04df9ee4d3dfde202

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Launch instance

Review commands

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

windowsmachine

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.

Network settings

Info

Edit

Network

Info

vpc-022f9a80b0ba8b381

Subnet

Info

No preference (Default subnet in any availability zone)

Auto-assign public IP

Info

Enable

Additional charges apply when outside of free tier allowance

Virtual server type (instance type)

t2.micro

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Cancel

Launch instance

Review commands

Created Windows Instance

Instances (3) [Info](#)

Connect

Instance state ▾

Actions ▾

Launch instances ▾

Find instance by attribute or tag (case-sensitive)

All states ▾

<

1

>

<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	Public IPv4 DNS ▾	Public IPv4 ... ▾	Elastic IP
<input type="checkbox"/>	linuxec2	i-01c1ab0376e13a802	⏸ Stopped 🔍	t2.micro	–	View alarms +	us-east-1a	–	–	–
<input type="checkbox"/>	windowasmachi...	i-05ef6b0c70ee3a084	🟢 Running 🔍	t2.micro	🔄 Initializing	View alarms +	us-east-1b	ec2-54-145-199-83.co...	54.145.199.83	–

Connecting to created instance using RDP

Connect to instance [Info](#)

Connect to your instance i-05ef6b0c70ee3a084 (windowsmachine) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID

i-05ef6b0c70ee3a084 (windowsmachine)

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

ec2-54-145-199-83.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 [Info](#)

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

Instance ID


 i-05ef6b0c70ee3a084 (windowsmachine)


Key pair associated with this instance

 windowsmachine

Private key

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

 Upload private key file

 windowsmachine.pem
1.678KB

Private key contents - optional

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAzlbw885MmgSYkrkvX93oXD8JrwcT0Ff/uTM+aB/P8jCDG+g
M3+aEDWgGQwozSNOagos0y9b8LxpKYAiZoD8OukNcHlvKnFJVwt0Ev15NXHnse
LXo0wM18OpEPscH0hCSwAZDIWMIKMf5+l56S1vtFgbiapil5PVkwnDVIXwxEXSpr
aUOhiA6ULb8zEzisiSgbLzEcYlDwkA8xFiFEHQiFuOTt9K4pK0hMyIguJh+HiV9
LLgv9F537ONXyVU9KX07DusyWQxxjnAuv/Myv/ShwRFwLJBcR38pn55OE3ArmMHH
fm1jkUPNtD5OqbcLw/iU2BvnUG1xnef+E/q8uQIDAQABAoIBAQCj+8x6tpWCQezP
jbEFOOxmTVjXn+APzLDx7f1xjKJGNDLslupBZYk4Ws4ID61vhWpceB/r1e0R5F
-----
```

Cancel

Decrypt password

Connect to instance [Info](#)

Connect to your instance i-05ef6b0c70ee3a084 (windowsmachine) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID


 i-05ef6b0c70ee3a084 (windowsmachine)

Connection Type


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 Download remote desktop file

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


Public DNS


 ec2-54-145-199-83.compute-1.amazonaws.com

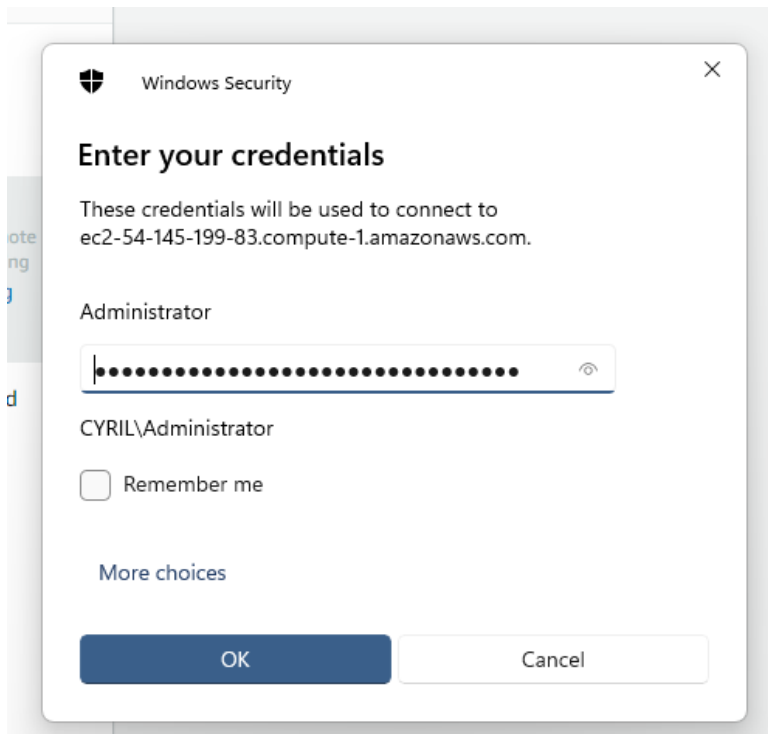
Username [Info](#)

 Administrator

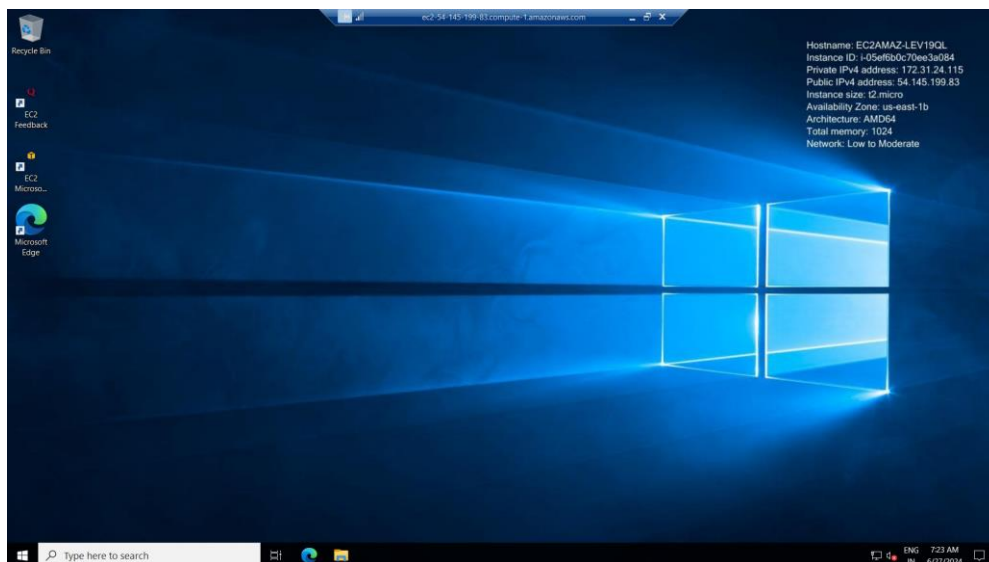
Password

 \$%KdoHNN*uZHKMZsxu27VmZQk?MaFYo7

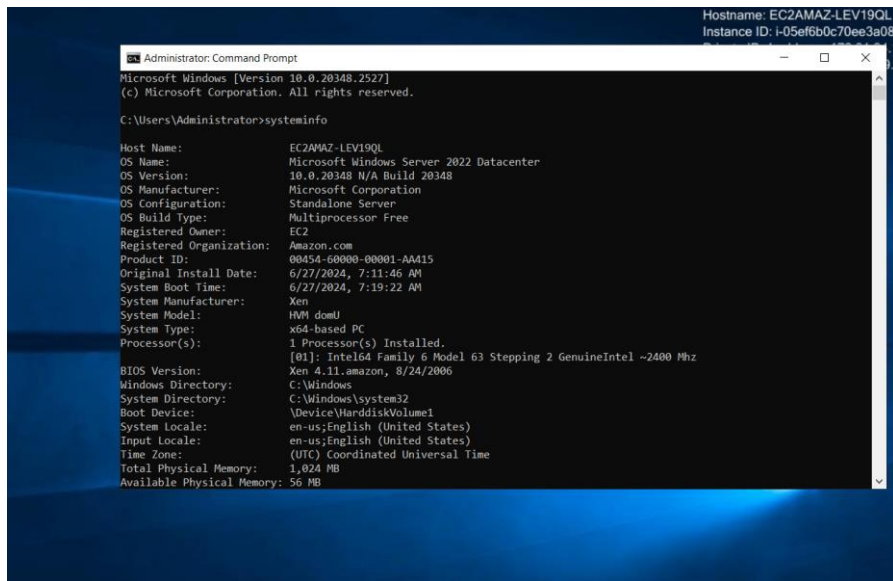
 If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.



Connected into the windows machine:



Gathering the system info:

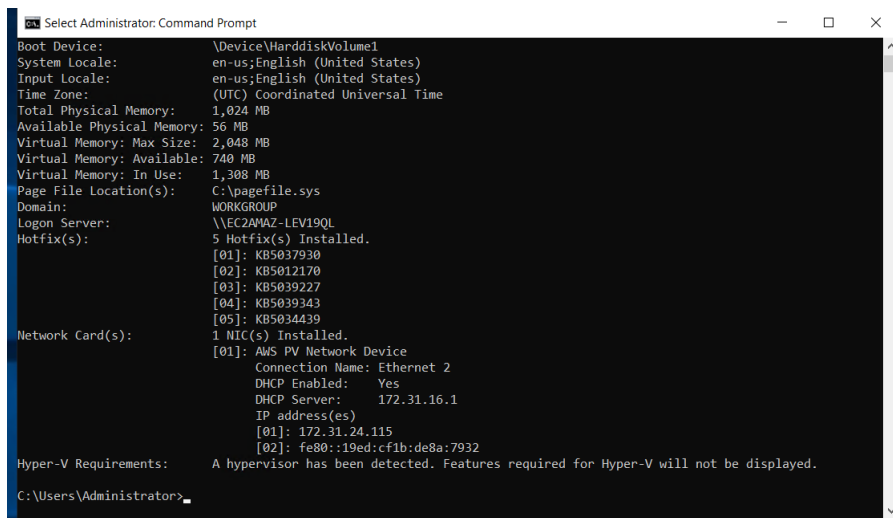


A screenshot of a Windows Command Prompt window titled "Administrator: Command Prompt". The window shows the output of the `systeminfo` command. The background is the standard Windows blue wallpaper. In the top right corner, the hostname "EC2AMAZ-LEV19QL" and instance ID "i-05ef6b0c70ee3a084" are visible. The command prompt shows the following system information:

```
Microsoft Windows [Version 10.0.20348.2527]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>systeminfo

Host Name:                 EC2AMAZ-LEV19QL
OS Name:                   Microsoft Windows Server 2022 Datacenter
OS Version:                10.0.20348 N/A Build 20348
OS Manufacturer:          Microsoft Corporation
OS Configuration:         Standalone Server
OS Build Type:              Multiprocessor Free
Registered Owner:          EC2
Registered Organization:    Amazon.com
Product ID:                 00454-60000-00001-AA415
Original Install Date:      6/27/2024, 7:11:46 AM
System Boot Time:           6/27/2024, 7:19:22 AM
System Manufacturer:        Xen
System Model:               HVM domU
System Type:                x64-based PC
Processor(s):               1 Processor(s) Installed.
                           [01]: Intel64 Family 6 Model 63 Stepping 2 GenuineIntel ~2400 Mhz
BIOS Version:               Xen 4.11.amazon, 8/24/2006
Windows Directory:          C:\Windows
System Directory:           C:\Windows\system32
Boot Device:                \Device\HarddiskVolume1
System Locale:               en-us;English (United States)
Input Locale:               en-us;English (United States)
Time Zone:                  (UTC) Coordinated Universal Time
Total Physical Memory:      1,024 MB
Available Physical Memory:  56 MB
```



A screenshot of a Windows Command Prompt window titled "Select Administrator: Command Prompt". The window shows the output of the `systeminfo` command, continuing from the previous screenshot. The background is the standard Windows blue wallpaper. The command prompt shows the following system and network information:

```
Boot Device:                \Device\HarddiskVolume1
System Locale:               en-us;English (United States)
Input Locale:               en-us;English (United States)
Time Zone:                  (UTC) Coordinated Universal Time
Total Physical Memory:      1,024 MB
Available Physical Memory:  56 MB
Virtual Memory: Max Size:   2,048 MB
Virtual Memory: Available:  740 MB
Virtual Memory: In Use:     1,308 MB
Page File Location(s):      C:\pagefile.sys
Domain:                     WORKGROUP
Logon Server:                \\EC2AMAZ-LEV19QL
Hotfix(s):                   5 Hotfix(s) Installed.
                           [01]: KB5037930
                           [02]: KB5012170
                           [03]: KB5030227
                           [04]: KB5030343
                           [05]: KB5034439

Network Card(s):            1 NIC(s) Installed.
                           [01]: AWS PV Network Device
                               Connection Name: Ethernet 2
                               DHCP Enabled:    Yes
                               DHCP Server:    172.31.16.1
                               IP address(es)
                               [01]: 172.31.24.115
                               [02]: fe80::19ed:cf1b:de8a:7932

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

C:\Users\Administrator>
```