

# AWS ASSIGNMENT 1 ST

## STEP 1 & 2:-

**CREATE A AWS FREE TIER ACCOUNT AS A ROOT USER SO THAT WE CAN WORK IN GROUPS AND ALSO TO CREATE SUB ACCOUNTS FOR WORK MANAGEMENT**

The screenshot shows the AWS Console Home page. On the left, there is a sidebar titled "Recently visited" with links to IAM, VPC, IAM Identity Center, Billing and Cost Management, and Directory Service. A callout box labeled "IAM" points to the IAM link. On the right, there are sections for "Applications" (0), "AWS Health" (Info), and "Cost and usage". The top navigation bar shows the user is signed in as "root" in the "Asia Pacific (Mumbai)" region. A callout box labeled "ROOT USER" points to the "root" link in the top right corner.

NOW WE GO TO IAM AND CREATE A USER THERE TO WORK WITH WE DON'T USE OUR ROOT ACCOUNT FOR WORKING WE CREATE USERS THERE FOR WORK WE USE DIFFERENT USERS FOR DIFFERENT WORK THIS WILL HELP US TO MANAGE THE BILLING AND POLICIES EASILY ROOT IS USED TO MANAGE THOSE IAM ACCOUNT IT'S LIKE A BOSS IS RUNNING THE COMPANY HE WILL PAY AND GET THE WORK DONE BUT HE WILL NOT WORK

The screenshot shows the "Specify user details" step of the IAM User creation wizard. On the left, a sidebar lists steps: Step 1 (Specify user details, which is selected and highlighted in blue), Step 2 (Set permissions), Step 3 (Review and create), and Step 4 (Retrieve password). The main area is titled "User details" and contains fields for "User name" (set to "Adminuser\_"), "Console password" (set to "Autogenerated password"), and "Custom password" (set to "Custom password"). There are also checkboxes for "Provide user access to the AWS Management Console - optional" and "Users must create a new password at next sign-in - Recommended". A note at the bottom states: "If you're creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user." Buttons for "Cancel" and "Next" are at the bottom right.

**Set permissions**

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

**Permissions options**

- Add user to group Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.
- Copy permissions Copy all group memberships, attached managed policies, and inline policies from an existing user.
- Attach policies directly Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

**Permissions policies (1/1399)**

Choose one or more policies to attach to your new user.

Policy name	Type	Attached entities
<input checked="" type="checkbox"/> AdministratorAccess	AWS managed - job function	2
<input type="checkbox"/> AdministratorAccess-Amplify	AWS managed	0
<input type="checkbox"/> AdministratorAccess-AWSElasticBeanstalk	AWS managed	0
<input type="checkbox"/> AIOpsConsoleAdminPolicy	AWS managed	0
<input type="checkbox"/> AmazonAPIGatewayAdministrator	AWS managed	0
<input type="checkbox"/> AmazonNimbleStudio-StudioAdmin	AWS managed	0
<input type="checkbox"/> AmazonSageMakerAdmin-ServiceCatalogProdu...	AWS managed	0

- HERE WE CREATE AN ADMINUSER IAM USER IN OUR ROOT ACCOUNT WE GIVE IT PERMISSIONS OF ADMINISTRATORACCESS AND ALSO WE ADD A MFA IN IT AND ALSO A ACCESS KEY FOR SAFETY AND NOW OUR STEP 1<sup>ST</sup> AND 2<sup>ND</sup> ARE COMPLETED NOW LET'S MOVE TO STEP 3<sup>RD</sup> FOR STEP 3<sup>RD</sup> WE WILL USE THE ADMINUSER ACCOUNT WE JUST CREATED BY OUR ROOT ACCOUNT

**Adminuser (IAM) | Global**

**Adminuser**

**Identity and Access Management (IAM)**

**Summary**

ARN: arn:aws:iam::033691785749:user/Adminuser

Console access: Enabled with MFA

Created: October 19, 2025, 08:54 (UTC+05:30)

Last console sign-in: Today

Access key 1: AKIAQWPB3IK46PC7EQ - Active (Never used, 9 days old.)

Access key 2: Create access key

**Permissions**

**Permissions policies (2)**

Permissions are defined by policies attached to the user directly or through groups.

Policy name	Type	Attached via
<input type="checkbox"/> AdministratorAccess	AWS managed - job function	Directly
<input type="checkbox"/> IAMUserChangePassword	AWS managed	Directly

The screenshot shows the AWS IAM Users page. On the left, there's a navigation sidebar with options like Dashboard, Access management, and Access reports. The main area displays a table of users:

User	Path	Group	Last Activity	MFA	Password Age	Console Last Sign-in	Access Type
Adminuser	/	0	-	Pass...	9 days	10 hours ago	Act
myadmin	/	1	-	-	35 days	35 days ago	-

### STEP 3

**HERE WE ARE IN OUR ADMINUSER ACCOUNT NOW WE GO TO THE VPC SECTION AND HERE WE SAW THAT THERE IS ALREADY A VPC AVAILABLE IN OUR ACCOUNT IT'S A DEFAULT VPC BY AWS IF YOU WANT TO CREATE YOUR OWN SO YOU CAN BUT FOR WE ARE GOING WITH THIS**

The screenshot shows the AWS VPC Console. The left sidebar has sections for VPC dashboard, Virtual private cloud (Virtual Private Cloud), Security, and PrivateLink and Lattice. The main area shows a table of existing VPCs:

Name	VPC ID	State	Block Public...	IPv4 CIDR	IPv6 CIDR	DHCP option set
-	ypc-0fe134d0aad4364d9	Available	Off	172.31.0.0/16	-	dopt-03442810a

- IF YOU DELETED THE VPC AND WANT TO CREATE YOU OWN SO YOU CAN DO THAT AND IF YOU AREN'T ABLE TO CREATE VPC SO YOU CAN CREATE A DEFAULT VPC AGAIN YOU CAN SEE IT HERE

**VPC dashboard**

**Your VPCs (1) Info**

Name	VPC ID	State	Block Public...	IPv4 CIDR
vpc-0fe114d0aad4364d9	Available	Off	172.31.0.0/16	

**Select a VPC above**

Last updated less than a minute ago

**Actions**

- Create default VPC
- Create flow log
- Edit VPC settings
- Edit CIDR
- Manage middlebox routes
- Manage tags
- Delete VPC

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#### STEP 4 ,5 & 6

**IN THIS WE WILL CREATE A EC2 INSTANCE TO RUN OUR WEBSITE AND ALSO WE PERFORM RDP WITH ACCESS KEY PAIR AND BY FLEET MANAGER**

**Compute**

## Amazon Elastic Compute Cloud (EC2)

Create, manage, and monitor virtual servers in the cloud.

Amazon Elastic Compute Cloud (Amazon EC2) offers the broadest and deepest compute platform, with over 600 instance types and a choice of the latest processors, storage, networking, operating systems, and purchase models to help you best match the needs of your workload.

**Benefits and features**

**EC2 offers ultimate scalability and control**

Fully resizable compute capacity to support virtually any workload. This service is best if you want:

- Highest level of control of the entire technology stack, allowing full integration with all AWS services
- Widest variety of server size options
- Widest availability of operating systems to choose from including Linux, Windows, and macOS
- Global scalability

**Additional actions**

- View running instances
- Migrate a server

**Pricing (US)**

EC2 pricing options

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**Launch an instance**

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**

Name: webserver

**Application and OS Images (Amazon Machine Image)**

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose Browse more AMIs.

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

Recent AMIs: Amazon Linux, macOS, Ubuntu, Windows, Red Hat, SUSE Linux, Debian

Quick Start AMIs: Mac, ubuntu, Microsoft, Red Hat, SUSE, Debian

**Amazon Machine Image (AMI)**

Microsoft Windows Server 2019 Base  
ami-0d1570d839e619c34 (64-bit (x86))  
Virtualization: hvm ENA enabled: true Root device type: ebs

**Description**

Microsoft Windows 2019 Datacenter edition. [English]

Microsoft Windows Server 2019 with Desktop Experience Locale English AMI provided by Amazon

**Architecture** AMI ID Publish Date Username

**Summary**

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2019 ... [read more](#)  
ami-0d1570d839e619c34

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

**Launch instance** **Preview code**

**Launch an instance**

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.

**Architecture** AMI ID Publish Date Username

64-bit (x86) ami-0d1570d839e619c34 2025-10-17 Administrator [Verified provider](#)

**Instance type**

t3.micro  
Family t3: 2 vCPU | 1 GiB Memory | Current generation: true | On-Demand Linux base pricing: 0.0112 USD per Hour  
On-Demand SUSE base pricing: 0.0112 USD per Hour | On-Demand Windows base pricing: 0.0204 USD per Hour  
On-Demand Ubuntu Pro base pricing: 0.0147 USD per Hour | On-Demand RHEL base pricing: 0.04 USD per Hour

**Additional costs apply for AMIs with pre-installed software**

**Key pair (login)**

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: assign1st [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**

Network: vpc-0fe134d0aaad4364d  
Subnet: No preference (Default subnet in any availability zone)  
Auto-assign public IP: [Info](#)  
Enable  
Firewall (security groups): [Info](#)

**Summary**

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2019 ... [read more](#)  
ami-0d1570d839e619c34

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

**Launch instance** **Preview code**

**CREATE  
NEW KEY  
PAIR**

Launch an instance | EC2 | ap-south-1

033691785749-ki2u2mxq.ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

aws Search [Alt+S]

EC2 > Instances > Launch an instance

**Network settings**

Network: vpc-0fe134d0aad4364d9

Subnet: No preference (Default subnet in any availability zone)

Auto-assign public IP: Enable

**Firewall (security groups)**

Create security group Select existing security group

We'll create a new security group called 'launch-wizard-2' with the following rules:

Allow RDP traffic from My IP: 122.177.97.122/32

Allow HTTPS traffic from the internet To set up an endpoint, for example when creating a web server

Allow HTTP traffic from the internet To set up an endpoint, for example when creating a web server

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

**Configure storage**

1x 30 GB gp2 Root volume, Not encrypted

Add new volume

The selected AMI contains instance store volumes, however the instance does not allow any instance store volumes. None of the instance store volumes from the AMI will be accessible from the instance.

**Summary**

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2019 ... read more

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

Cancel Launch instance Preview code

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Instances | EC2 | eu-north-1

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#Instances:

aws Search [Alt+S]

EC2 > Instances

**Instances (1/1) Info**

Find Instance by attribute or tag (case-sensitive): All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
Webserver	i-0237084704b6b6da4	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1b	ec2-13-51-1

**i-0237084704b6b6da4 (Webserver)**

Details Status and alarms Monitoring Security Networking Storage Tags

**Instance summary**

Instance ID: i-0237084704b6b6da4

Public IPv4 address: 13.51.133.43 | open address

Private IPv4 addresses: 172.31.36.232

IPv6 address: -

Instance state: Running

Public DNS: ec2-13-51-133-43.eu-north-1.compute.amazonaws.com | open address

Connect to instance | EC2 | ap-south-1

033691785749-ki2u2mxq.ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstanceinstanceId=i-0511f7c772e29d995

aws Search [Alt+S] Asia Pacific (Mumbai) test (0336-9178-5749) Administer

EC2 > Instances > i-0511f7c772e29d995 > Connect to instance

Successfully initiated starting of i-0511f7c772e29d995

Connect info

Connect to an instance using the browser-based client.

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-0511f7c772e29d995 (my web server)

Connection Type

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

Connect using Fleet Manager Connect to your instance using Fleet Manager Remote Desktop.

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 ec2-65-2-91-241.ap-south-1.compute.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 | EC2 | ap-south-1

033691785749-ki2u2mxq.ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#GetWindowsPasswordinstanceId=i-0511f7c772e29d995;previousPlace=ConnectToInstance;lang=En...

aws Search [Alt+S] Asia Pacific (Mumbai) test (0336-9178-5749) Administer

EC2 > Instances > i-0511f7c772e29d995 > 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-0511f7c772e29d995 (my web server)

Key pair associated with this instance assign1st

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

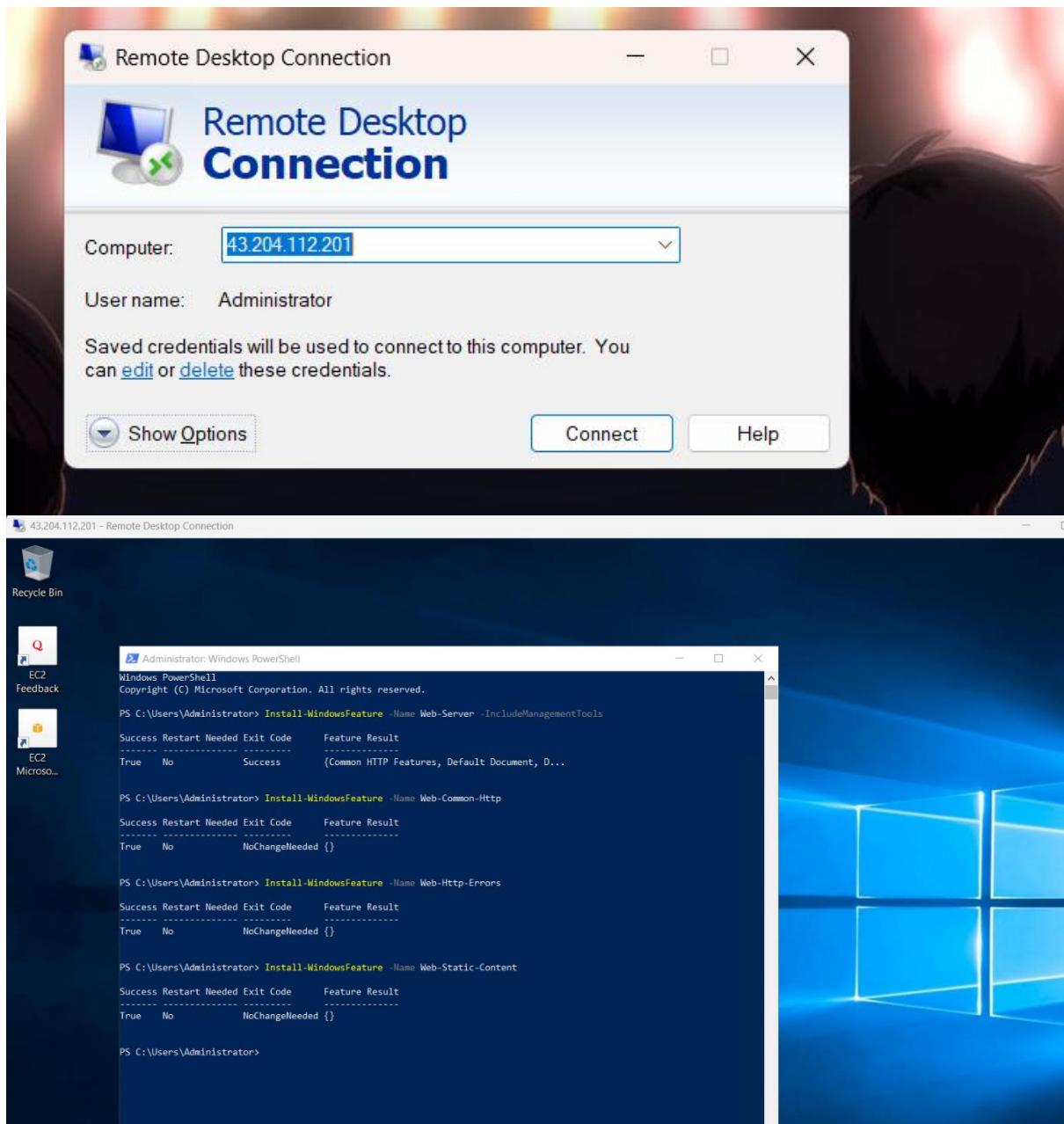
Upload private key file

assign1st.pem 1.67KB

Private key contents - optional

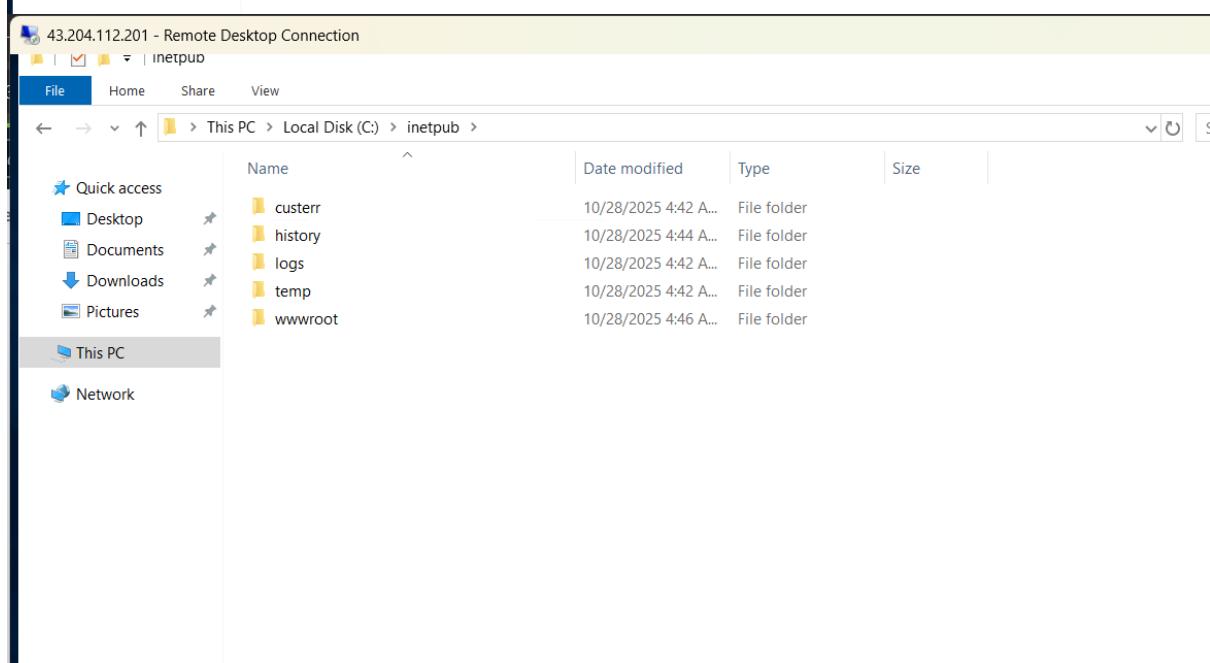
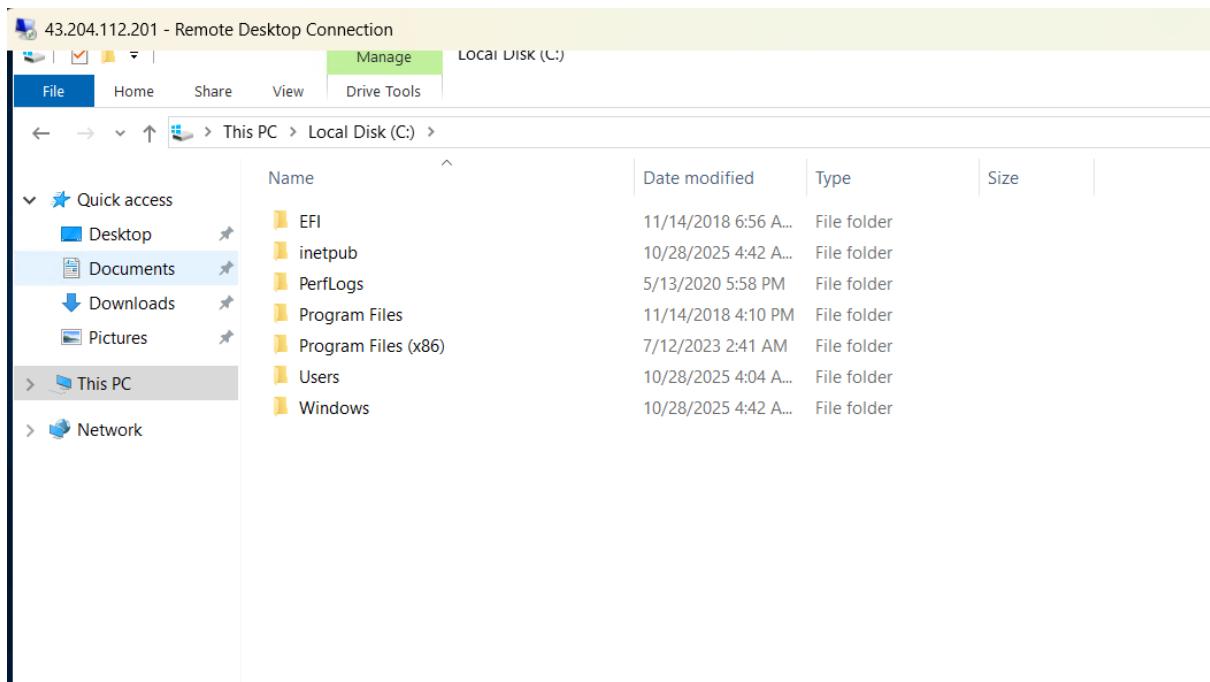
```
-----BEGIN RSA PRIVATE KEY-----  
MIIEpaIBAAKCAQEAfA4S5PVlbhAuQ80j16E1m3aCGTB8fxvVLXX/SRow1PiQEOrskiRfa9xK9jD1AgZ23k494g6V4cdp0YhrphHnbposoJaipo0Vfz2h7h8CvH+QQ  
6J9yKSoxdXv6UPw+BvSYiZ2NBNBhcACamrf18oULQOCCk3DpqDaunEv9ukrbh  
22ZOPNQ-DjYdkallStv5cYUPID7JZ9kz83kmWVWQX5IKhzbdj0BVHLDRfRG7  
778+U6oyMegGBlkmlxRJ2JdfF59OAPErgieaDcdjZFx7DwVWjlUh2V3kefNL  
nQT9lmLqf6wD+3Q8Gr4XRnNb431w68VVXl6QiDAQABaoBAQcpW7DW8Zf4pWQS  
gpDYwHUvrcgs21+DbxV2FWMo1W1JA1W12bughrhr8Yu/6nH7ntZQdwvfp9dW7
```

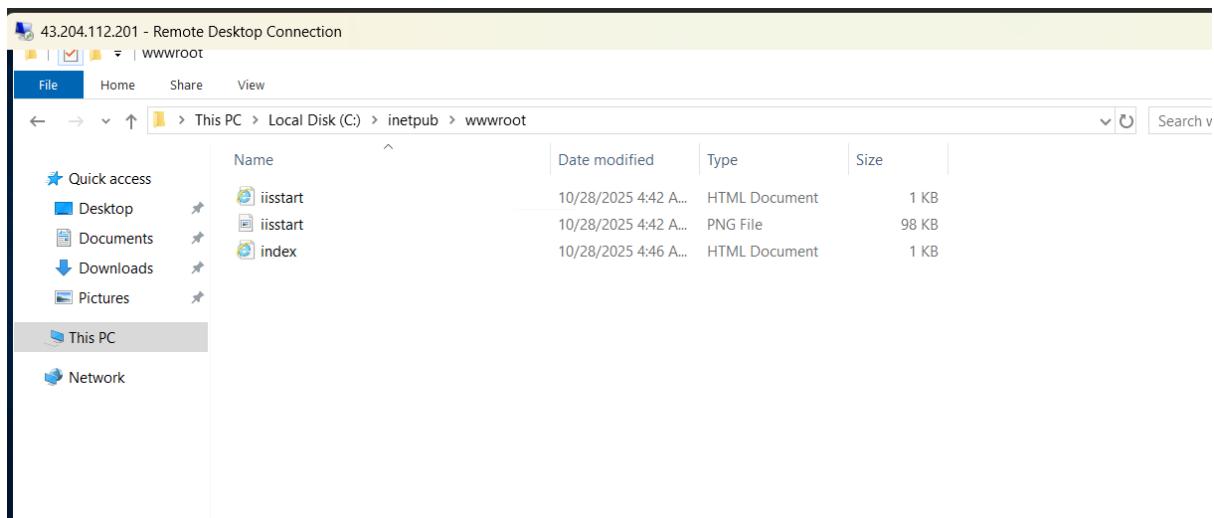
Cancel Decrypt password



43.204.112.201 - Remote Desktop Connection

```
PS C:\Users\Administrator> # Create simple HTML page
>> $HTMLContent = @"
>> <!DOCTYPE html>
>> <html>
>>   <head>
>>     <title>Windows Web Server</title>
>>     <style>
>>       body { font-family: Arial, sans-serif; margin: 40px; }
>>       h1 { color: #2E86AB; }
>>       .container { max-width: 800px; margin: 0 auto; }
>>     </style>
>>   </head>
>>   <body>
>>     <div class="container">
>>       <h1>?? Windows Web Server Running on AWS EC2</h1>
>>       <p><strong>Instance ID:</strong> $(Get-EC2Instance -Region us-east-1 -InstanceId (Invoke-RestMethod -Uri 'http://169.254.169.254/latest/meta-data/instance-id')).Instances[0].InstanceId)</p>
>>       <p><strong>Region:</strong> $(Invoke-RestMethod -Uri 'http://169.254.169.254/latest/meta-data/placement/region')</p>
>>       <p><strong>AMI:</strong> Windows Server 2019</p>
>>       <p><strong>Server Time:</strong> $(Get-Date)</p>
>>       <hr>
>>       <h2>Technologies Used:</h2>
>>       <ul>
>>         <li>AWS EC2 Windows Instance</li>
>>         <li>IIS Web Server</li>
>>         <li>AWS Systems Manager</li>
>>         <li>Custom HTML Page</li>
>>       </ul>
>>     </div>
>>   </body>
>> </html>
>> "@
>>
>> # Save to web root
>> $HTMLContent | Out-File -FilePath "C:\inetpub\wwwroot\index.html" -Encoding UTF8
Invoke-RestMethod : The remote server returned an error: (401) Unauthorized.
At line:16 char:92
+ ... InstanceId (Invoke-RestMethod -Uri 'http://169.254.169.254/latest/met ...
+
+-----+ CategoryInfo          : InvalidOperation: (System.Net.HttpWebRequest:HttpWebRequest) [Invoke-RestMethod], WebException
+           + FullyQualifiedErrorMessage : WebCmdletWebResponseException,Microsoft.PowerShell.Commands.InvokeRestMethodCommand
Invoke-RestMethod : The remote server returned an error: (401) Unauthorized.
At line:17 char:92
+ ... RestMethod -Uri 'http://169.254.169.254/latest/met ...
+
```





C:\inetpub\wwwroot\index.html

Windows Web Server

# 🚀 Windows Web Server Running on AWS EC2

**Instance ID:**

**Region:**

**AMI:** Windows Server 2019

**Server Time:** 10/28/2025 04:46:08

---

**Technologies Used:**

- AWS EC2 Windows Instance
- IIS Web Server
- AWS Systems Manager
- Custom HTML Page

Screenshot of the AWS IAM 'Create role' wizard, Step 1: Select trusted entity.

The 'Trusted entity type' section shows the following options:

- AWS service: Allow AWS services like EC2, Lambda, or others to perform actions in this account.
- AWS account: Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
- Web identity: Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.

The 'Use case' section shows the following options:

- EC2: Allow EC2 instances to call AWS services on your behalf.
- EC2 Role for AWS Systems Manager: Allows EC2 instances to call AWS services like CloudWatch and Systems Manager on your behalf.
- EC2 Spot Fleet Role: Allows EC2 Spot Fleet to request and terminate Spot Instances on your behalf.
- EC2 - Spot Fleet Auto Scaling: Allows Auto Scaling to access and update EC2 spot fleets on your behalf.
- EC2 - Spot Fleet Tagging: Allows EC2 to launch spot instances and attach tags to the launched instances on your behalf.
- EC2 - Spot Instances: Allows EC2 Spot Instances to launch and manage spot instances on your behalf.
- EC2 - Spot Fleet: Allows EC2 Spot Fleet to launch and manage spot fleet instances on your behalf.

Other interface elements include a sidebar with 'Step 1 Select trusted entity', 'Step 2 Add permissions', and 'Step 3 Name, review, and create'. The top navigation bar shows 'aws' and 'Search [Alt+S]'. The bottom footer includes links for 'CloudShell', 'Feedback', '© 2025, Amazon Web Services, Inc. or its affiliates.', 'Privacy', 'Terms', and 'Cookie preferences'.

Screenshot of the AWS IAM 'Create role' wizard, Step 2: Add permissions.

The 'Permissions policies (1)' section shows the following policy:

-  AmazonSSMManagedInstanceCore

The 'Type' column indicates 'AWS managed'.

The 'Set permissions boundary - optional' section is present but empty.

Other interface elements include a sidebar with 'Step 1 Select trusted entity', 'Step 2 Add permissions', and 'Step 3 Name, review, and create'. The top navigation bar shows 'aws' and 'Search [Alt+S]'. The bottom footer includes links for 'CloudShell', 'Feedback', '© 2025, Amazon Web Services, Inc. or its affiliates.', 'Privacy', 'Terms', and 'Cookie preferences'.

Screenshot of the AWS IAM 'Create role' wizard - Step 3: Name, review, and create.

**Role Details**

- Name:** Ec2SSMrole
- Description:** Allows EC2 instances to call AWS services like CloudWatch and Systems Manager on your behalf.

**Step 1: Select trusted entities**

**Trust policy:**

```

1 - [
2 -   "Version": "2012-10-17",
3 -   "Statement": [
4 -     {
5 -       "Sid": "",
6 -       "Effect": "Allow",
7 -       "Principal": {
8 -         "Service": "ec2.amazonaws.com"
9 -       },
10 -      "Action": "sts:AssumeRole"
11 -    }
12 -  ]
13 - ]

```

**Step 2: Add permissions**

**Permissions policy summary:**

Policy name	Type	Attached as
AmazonSSMManagedInstanceCore	AWS managed	Permissions policy

**Step 3: Add tags**

https://033691785749-kj2u2mxq.ap-south-1.console.aws.amazon.com/console/home?region...

Screenshot of the AWS IAM 'Roles' page.

**Roles (4) Info**

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Role name	Trusted entities	Last activity
AWSServiceRoleForResourceExplorer	AWS Service: resource-explorer-2	19 minutes ago
AWSServiceRoleForSupport	AWS Service: support	-
AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor	-
ec2ssm	AWS Service: ec2	11 minutes ago

**Roles Anywhere**

Authenticate your non AWS workloads and securely provide access to AWS services.

**X.509 Standard**

Operate your non AWS workloads using the same authentication and authorization strategy that you use within AWS.

**Temporary credentials**

Use temporary credentials with ease and benefit from the enhanced security they provide.

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Screenshot of the AWS EC2 Instance Details page for instance i-0237084704b6b6da4.

**Instance summary for i-0237084704b6b6da4 (Webserver)**

<b>Instance ID</b>	i-0237084704b6b6da4	<b>Public IPv4 address</b>	13.51.133.43   open address
<b>IPv6 address</b>	-	<b>Instance state</b>	Running
<b>Hostname type</b>	IP name: ip-172-31-36-232.eu-north-1.compute.internal	<b>Private IP DNS name (IPv4 only)</b>	ip-172-31-36-232.eu-north-1.compute.internal
<b>Answer private resource DNS name</b>	IPv4 (A)	<b>Instance type</b>	t3.micro
<b>Auto-assigned IP address</b>	-	<b>VPC ID</b>	vpc-0fc051685691ecaaf
<b>IAM Role</b>	-	<b>Subnet ID</b>	subnet-08df87e4634dcfe2e
<b>IMDSv2</b>	Required	<b>Instance ARN</b>	arn:aws:ec2:eu-north-1:829703038144:instance/i-0237084704b6b6da4
		<b>Elastic IP addresses</b>	13.51.133.43 [Public IP]
		<b>AWS Compute Optimizer finding</b>	Opt-in to AWS Compute Optimizer for recommendations.
			Learn more
		<b>Auto Scaling Group name</b>	-
		<b>Managed</b>	false

Screenshot of the AWS EC2 Modify IAM role page for instance i-0511f7c772e29e995.

**Modify IAM role**

Attach an IAM role to your instance.

<b>Instance ID</b>	i-0511f7c772e29e995 (my web server)
<b>IAM role</b>	Select an IAM role to attach to your instance or create a new role if you haven't created any. The role you select replaces any roles that are currently attached to your instance.
<input type="text" value="ec2iam"/>	
<a href="#">Create new IAM role</a>	

[Cancel](#) [Update IAM role](#)

Screenshot of the AWS Systems Manager Fleet Manager page.

**Fleet Manager**

You may have unmanaged Amazon EC2 instances. You can automatically configure Amazon EC2 instances as managed instances in your current account and Region by enabling Default Host Management Configuration. [Learn more](#)

**Managed Nodes (1)**

Node ID	Node state	Name	Platform type	Operating system	Resource type	Source ID	Ping status	Agent version	Image ID	EC2 instance
i-0511f7c772e29e995	Running	my web server	Windows	Microsoft Windows S...	EC2 Instance	-	Online	3.3.3050.0	arn-015700839e61...	<a href="#">Open EC2 instance</a>

Successfully initiated starting of i-0511f7c772e29d995

Connect [info](#)

Connect to an instance using the browser-based client.

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-0511f7c772e29d995 (my web server)

Connection Type

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

Connect using Fleet Manager  
Connect to your instance using Fleet Manager Remote Desktop.

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

Username info  
Administrator

Password [Get password](#)

Fleet Manager Remote Desktop

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

[Cancel](#)

CircuitShell Feedback Console Mobile App

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aws Search [Alt+S]

Systems Manager > Fleet Manager > Remote desktop

Add new connections

### Remote Desktop

Current connections | Active connections | Connections history | Settings

You can connect to a maximum of 4 nodes in this view.

▶ my web server  
i-0511f7c772e29d995

**Authentication type**  
The type of authentication to use when connecting to the node. [Learn more](#)

User credentials  
Username and password.

Key pair  
Connect as Administrator using EC2 key pair.

**Administrator account name**  
The default administrator account name might vary based on your locale.

Administrator

**Key pair**  
Key pair associated with the instance  
assign1st

**Key pair content**  
Select a method for uploading the key pair content.

Import key from local machine to select the key pair file.  
The private key file content is automatically uploaded to your browser.

Paste key pair content  
Copy and paste the key pair content into the field below.

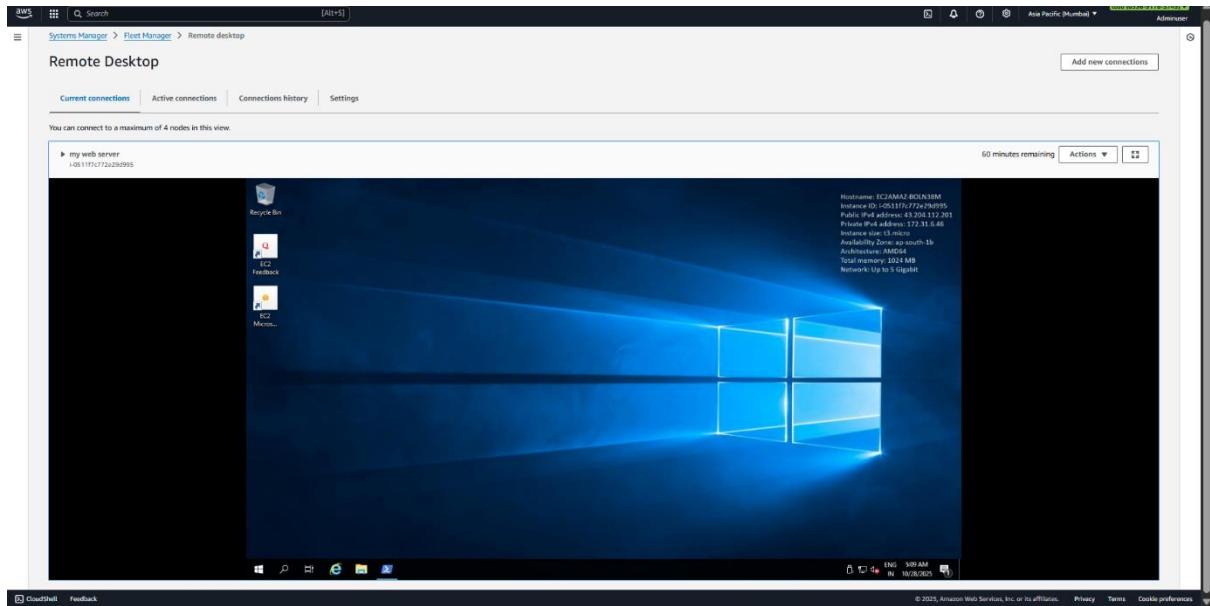
[Choose file](#)  
Must be an RSA key pair.

assign1st.pem

[Connect](#)

CircuitShell Feedback Console Mobile App

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The screenshot displays the AWS EC2 console under the 'Elastic IP addresses' section. It shows a table with one entry for the IP address 13.51.133.43, which is associated with a Public IP type and an Allocation ID of eipalloc-01291cdb71ade0084. The 'Summary' tab is selected, and a tooltip indicates the IP has been copied. The left sidebar lists various AWS services like Reserved Instances, Dedicated Hosts, Capacity Reservations, and Network & Security.

Name	Type	Allocation ID	Reverse DNS record
13.51.133.43	Public IP	eipalloc-01291cdb71ade0084	-