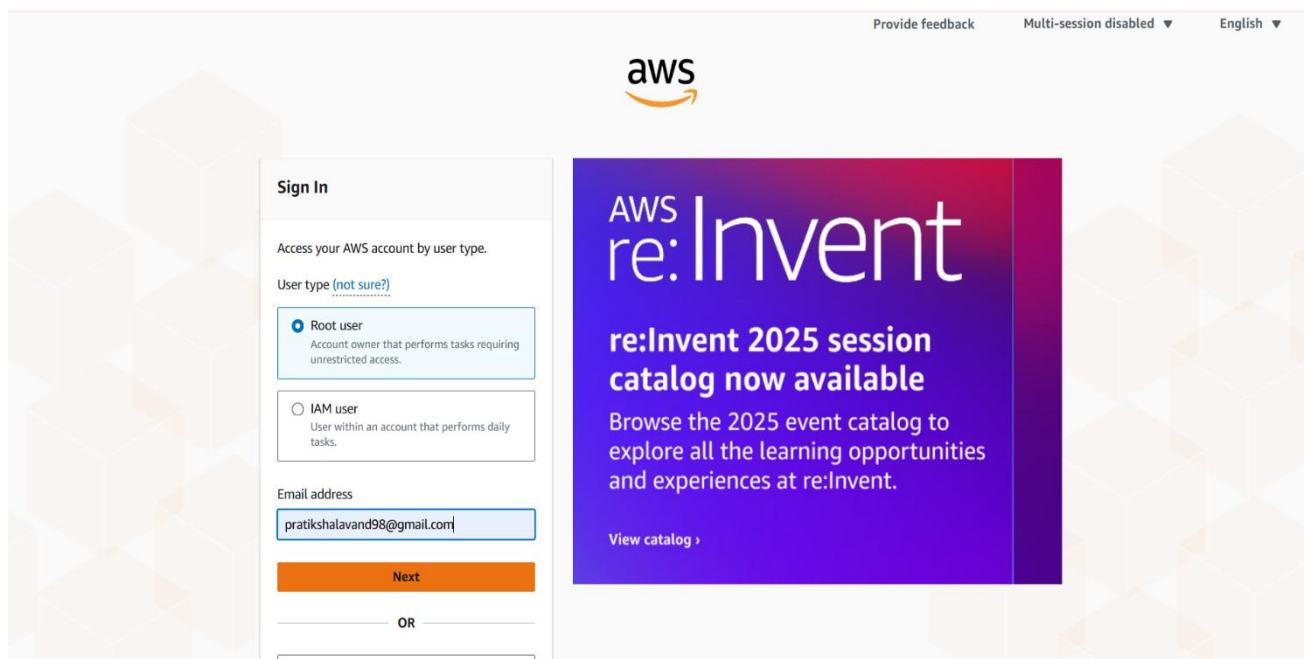
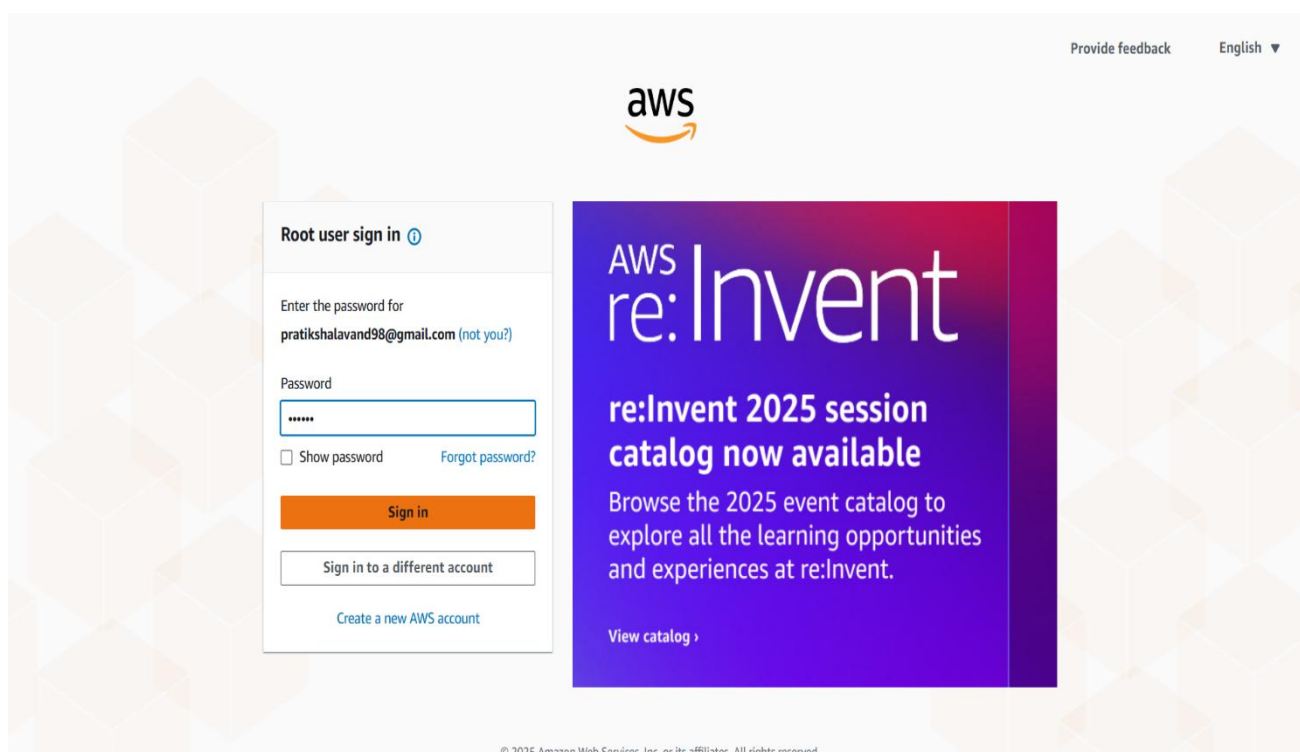


Step1: If you have an existing AWS account, sign in as the Root user.



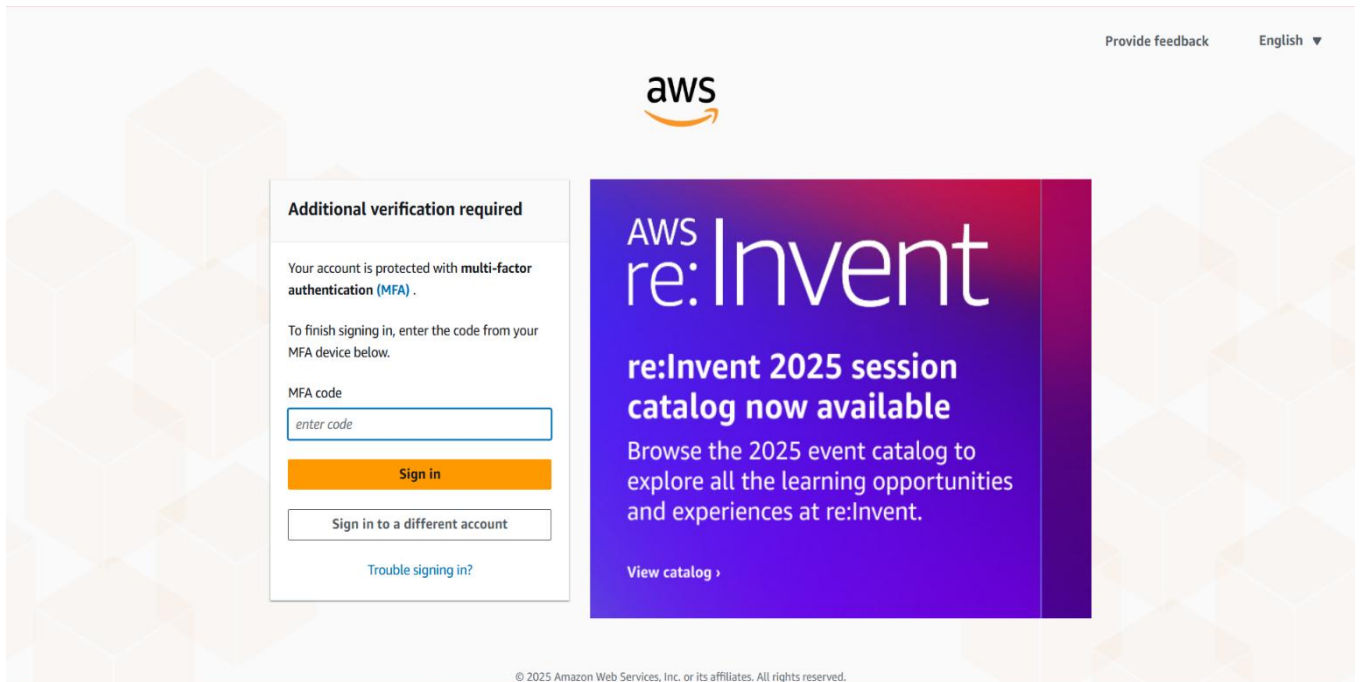
The screenshot shows the AWS Sign In page. At the top right, there are links for 'Provide feedback', 'Multi-session disabled', and 'English'. The AWS logo is centered at the top. On the left, the 'Sign In' form is displayed. It includes the text 'Access your AWS account by user type.' and 'User type (not sure?)'. There are two radio button options: 'Root user' (selected) and 'IAM user'. The 'Root user' option is described as 'Account owner that performs tasks requiring unrestricted access.' The 'IAM user' option is described as 'User within an account that performs daily tasks.' Below these options is an 'Email address' field containing 'pratikshalavand98@gmail.com' and a 'Next' button. Below the 'Next' button is an 'OR' separator. On the right, there is a large purple and blue banner for 'AWS re:Invent' with the text 're:Invent 2025 session catalog now available' and 'Browse the 2025 event catalog to explore all the learning opportunities and experiences at re:Invent.' A 'View catalog' link is at the bottom of the banner.

Step2: After entering your Root user email, the AWS sign-in page will ask for your password. Enter your Root user password and click on Sign In.

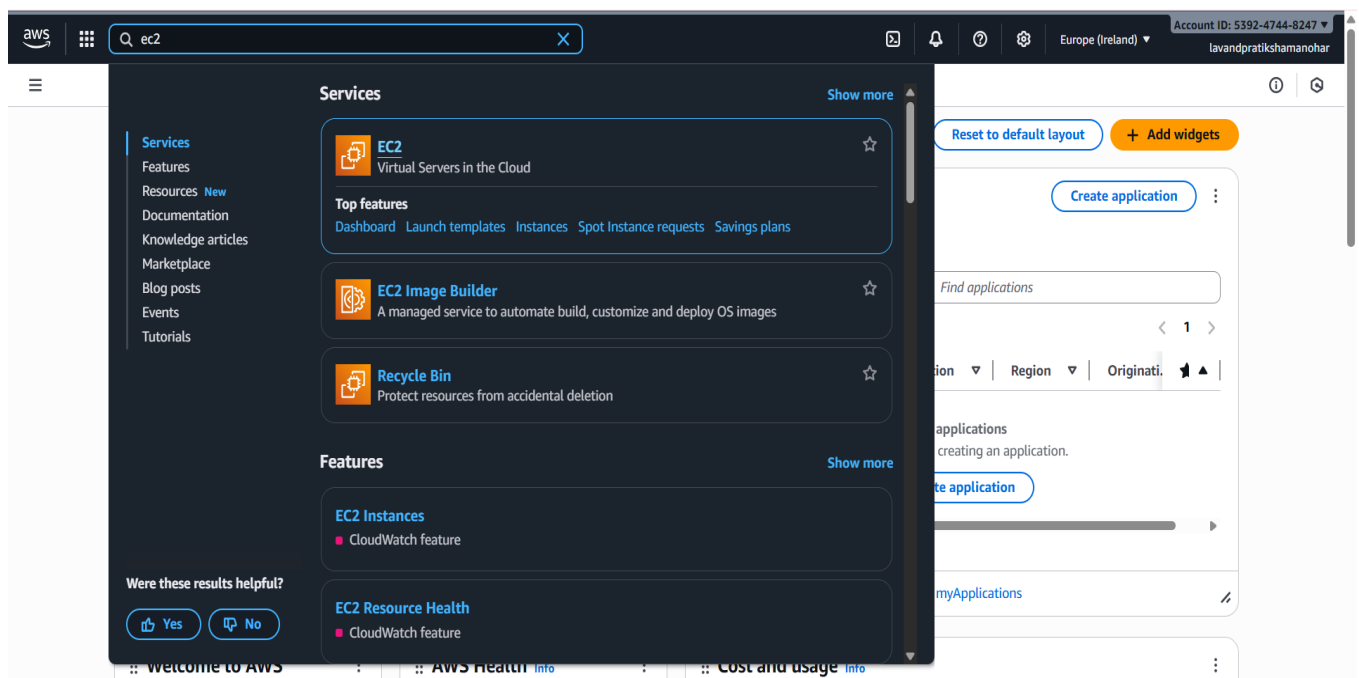


The screenshot shows the AWS Root user sign in page. At the top right, there are links for 'Provide feedback' and 'English'. The AWS logo is centered at the top. On the left, the 'Root user sign in' form is displayed. It includes the text 'Enter the password for' and 'pratikshalavand98@gmail.com (not you?)'. There is a 'Password' field with a masked password '*****'. Below the password field is a checkbox for 'Show password' and a link for 'Forgot password?'. There is a 'Sign in' button. Below the 'Sign in' button is a link for 'Sign in to a different account' and a link for 'Create a new AWS account'. On the right, there is a large purple and blue banner for 'AWS re:Invent' with the text 're:Invent 2025 session catalog now available' and 'Browse the 2025 event catalog to explore all the learning opportunities and experiences at re:Invent.' A 'View catalog' link is at the bottom of the banner. At the bottom of the page, there is a copyright notice: '© 2025 Amazon Web Services, Inc. or its affiliates. All rights reserved.'

Step3: Open your Authenticator App, enter the 6-digit verification code, and click on *Submit* to complete the authentication process.



Step4: Then, select the *EC2 service* from the AWS Management Console.



Step5: Click on *Launch Instance* to start creating a new EC2 instance.

The screenshot shows the AWS Management Console for the EC2 service in the Europe (Ireland) region. The left sidebar contains navigation links for EC2, Dashboard, EC2 Global View, Events, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, AMI Catalog, Elastic Block Store, and Volumes. The main content area features a blue banner at the top with a message about changing the default landing page. Below this, there's a 'Resources' section showing a table of EC2 resources: Instances (running) 0, Auto Scaling Groups 0, Capacity Reservations 0, Dedicated Hosts 0, Elastic IPs 0, Instances 0, Key pairs 1, Load balancers 0, Placement groups 0, Security groups 2, Snapshots 0, and Volumes 0. To the right of the Resources section is the 'Account attributes' section, which includes links for Default VPC, Settings (Data protection and security, Allowed AMIs, Zones, EC2 Serial Console, Default credit specification, EC2 console preferences), and Explore AWS. Below the Resources section, there's a 'Launch instance' button and a 'Service health' section showing the AWS Health Dashboard. The bottom of the console shows the CloudShell and Feedback links.

Step6: Give a *name* or *tag* to your EC2 instance to identify it easily.

The screenshot shows the 'Launch an instance' page in the AWS Management Console. The page has a breadcrumb trail: EC2 > Instances > Launch an instance. The main content area is titled 'Launch an instance' and includes a brief introduction to Amazon EC2. Below this, there's a 'Name and tags' section with a text input field for the instance name, currently set to 'Demo-server', and a link to 'Add additional tags'. The 'Application and OS Images (Amazon Machine Image)' section provides information about AMIs and includes a search bar. Below the search bar, there's a 'Quick Start' section with a grid of AMI icons for Amazon Linux, macOS, Ubuntu, Windows, Red Hat, SUSE Linux, and Debian. To the right of the grid is a 'Browse more AMIs' link. On the far right, there's a 'Summary' section that displays key configuration details: Number of instances (1), Software Image (AMI) (Amazon Linux 2023 AMI 2023.8.2...), Virtual server type (instance type) (t2.micro), Firewall (security group) (New security group), and Storage (volumes) (1 volume(s) - 8 GiB). At the bottom of the Summary section, there's a 'Free tier' notification and a 'Launch instance' button. The bottom of the console shows the CloudShell and Feedback links.

Step7: Choose an *Amazon Machine Image (AMI)*, such as Amazon Linux, Ubuntu, or Windows Server, for your EC2 instance.

Application and OS Images (Amazon Machine Image) Info

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

Recents Quick Start

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

Amazon Machine Image (AMI)

Amazon Linux 2023 kernel-6.1 AMI
ami-091a906f2e1e40076 (64-bit (x86), uefi-preferred) / ami-0b24063151d1c59e7 (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs

Description

Amazon Linux 2023 (kernel-6.1) is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Summary

Number of instances [Info](#)

1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...[read more](#)
ami-091a906f2e1e40076

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year of opening an AWS

[Cancel](#) [Launch instance](#) [Preview code](#)

Step8: Select the **t2. micro** instance type (Free Tier Eligible).

Architecture 64-bit (x86) **Boot mode** uefi-preferred **AMI ID** ami-04f25a69b566c844b **Publish Date** 2025-09-25 **Username** ec2-user [Verified provider](#)

Instance type Info | [Get advice](#)

Instance type

t2.micro **Free tier eligible**

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand RHEL base pricing: 0.027 USD per Hour On-Demand Linux base pricing: 0.0126 USD per Hour
On-Demand SUSE base pricing: 0.0126 USD per Hour On-Demand Ubuntu Pro base pricing: 0.0144 USD per Hour
On-Demand Windows base pricing: 0.0172 USD per Hour

[Additional costs apply for AMIs with pre-installed software](#)

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

Select [Create new key pair](#)

Summary

Number of instances [Info](#)

1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.9.2...[read more](#)
ami-04f25a69b566c844b

Virtual server type (instance type)
t2.micro

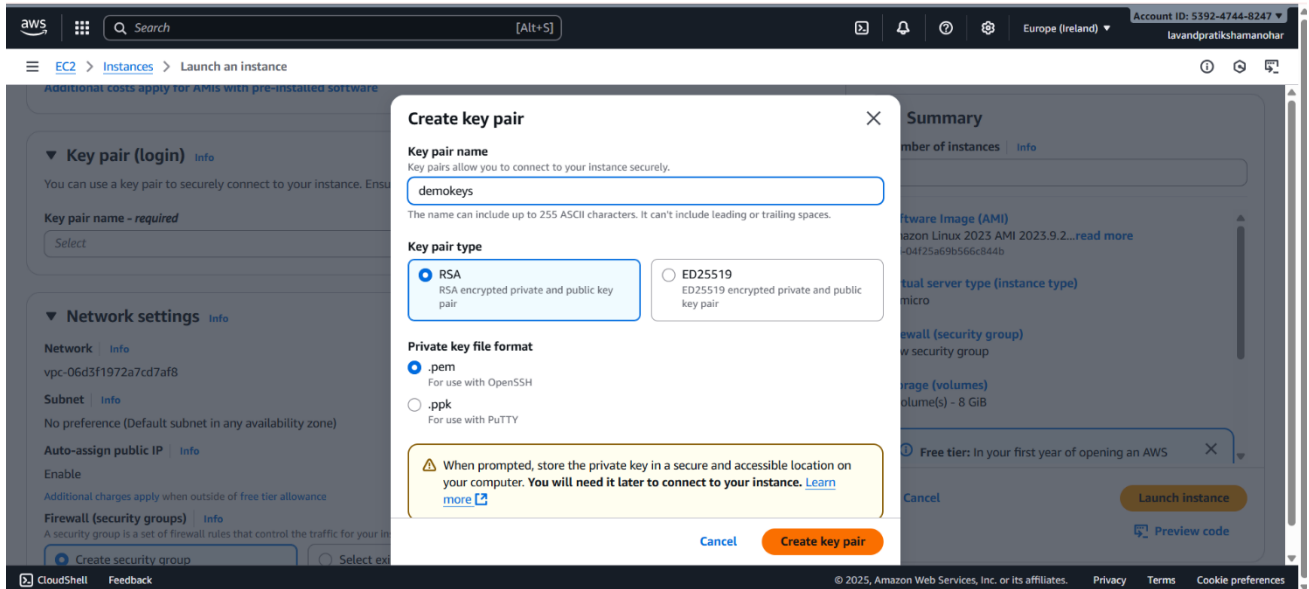
Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year of opening an AWS

[Cancel](#) [Launch instance](#) [Preview code](#)

Step9: Create a *Key Pair*, select *RSA* as the key type, choose the *.pem* file format, and download it for secure access to your EC2 instance.



Step10: Click on *Launch Instance* to create and start your EC2 instance.

