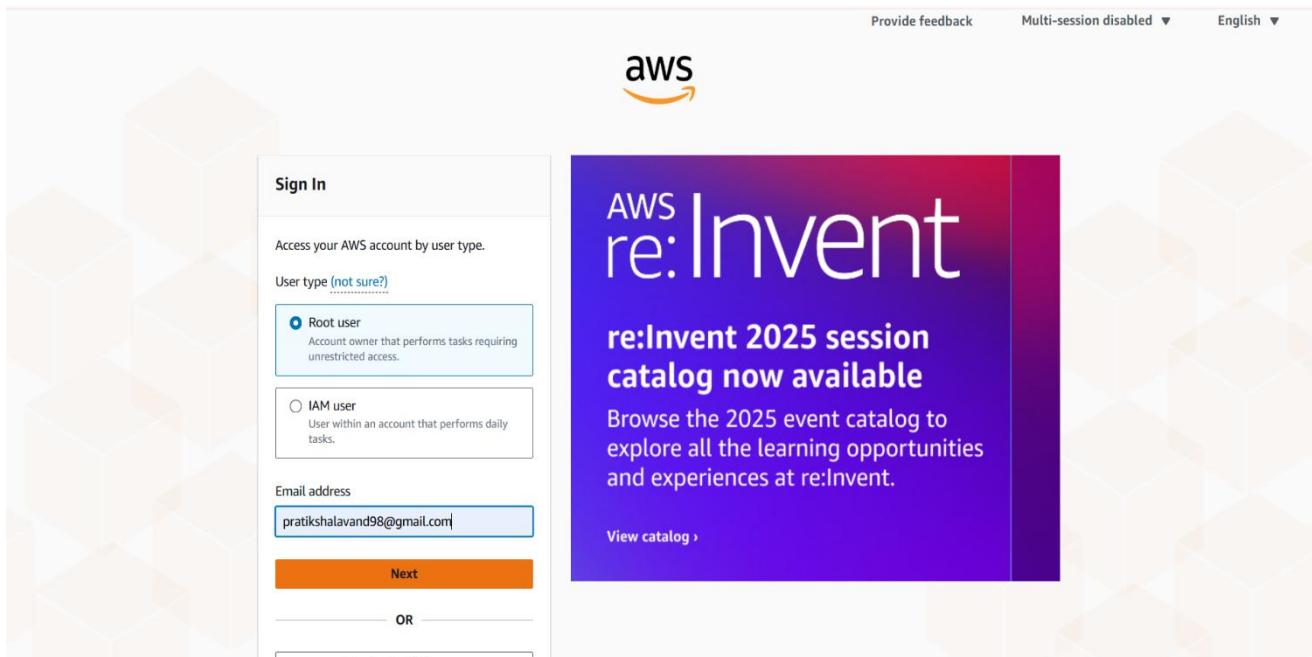
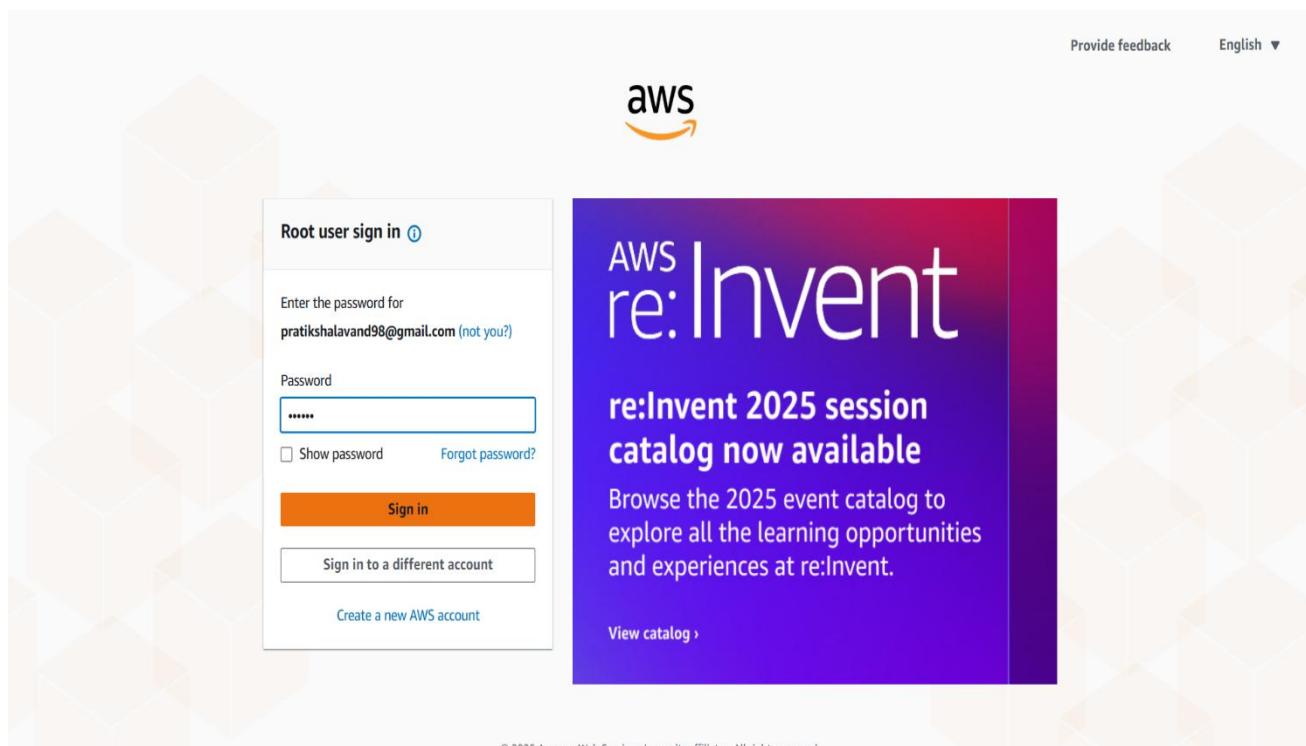


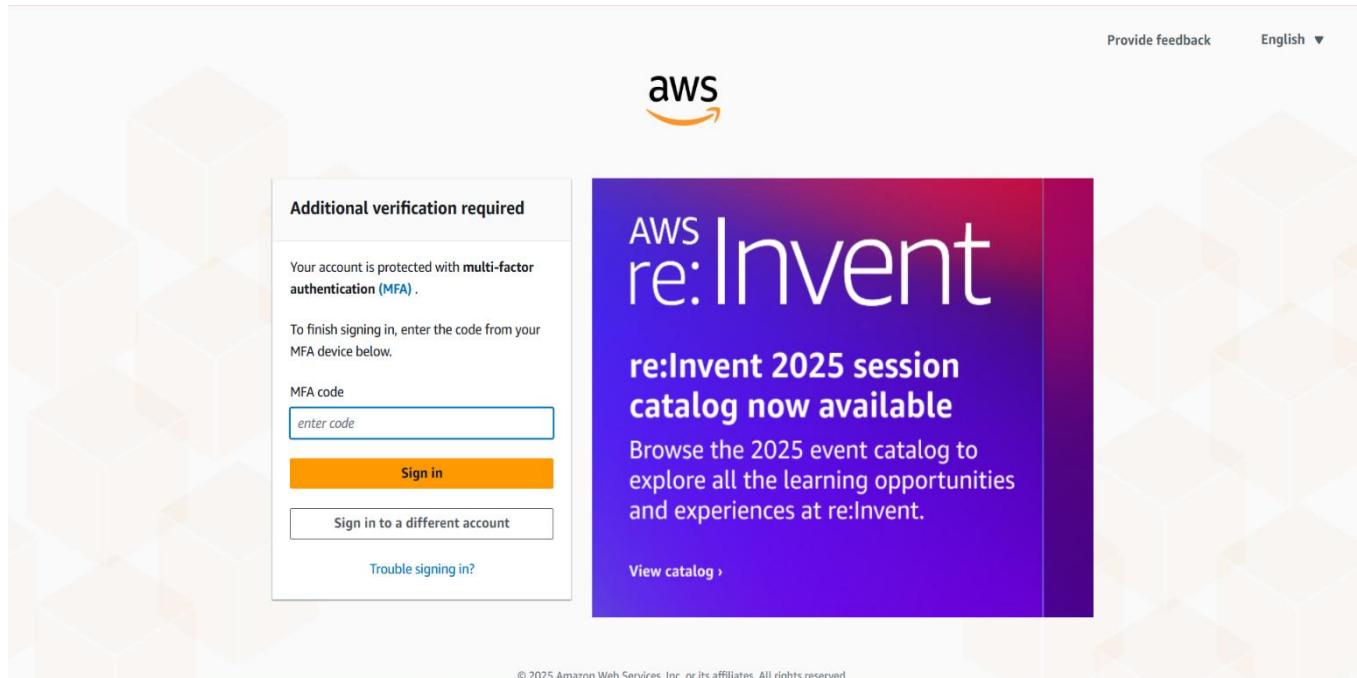
Step1: If you have an existing AWS account, sign in as the Root user.



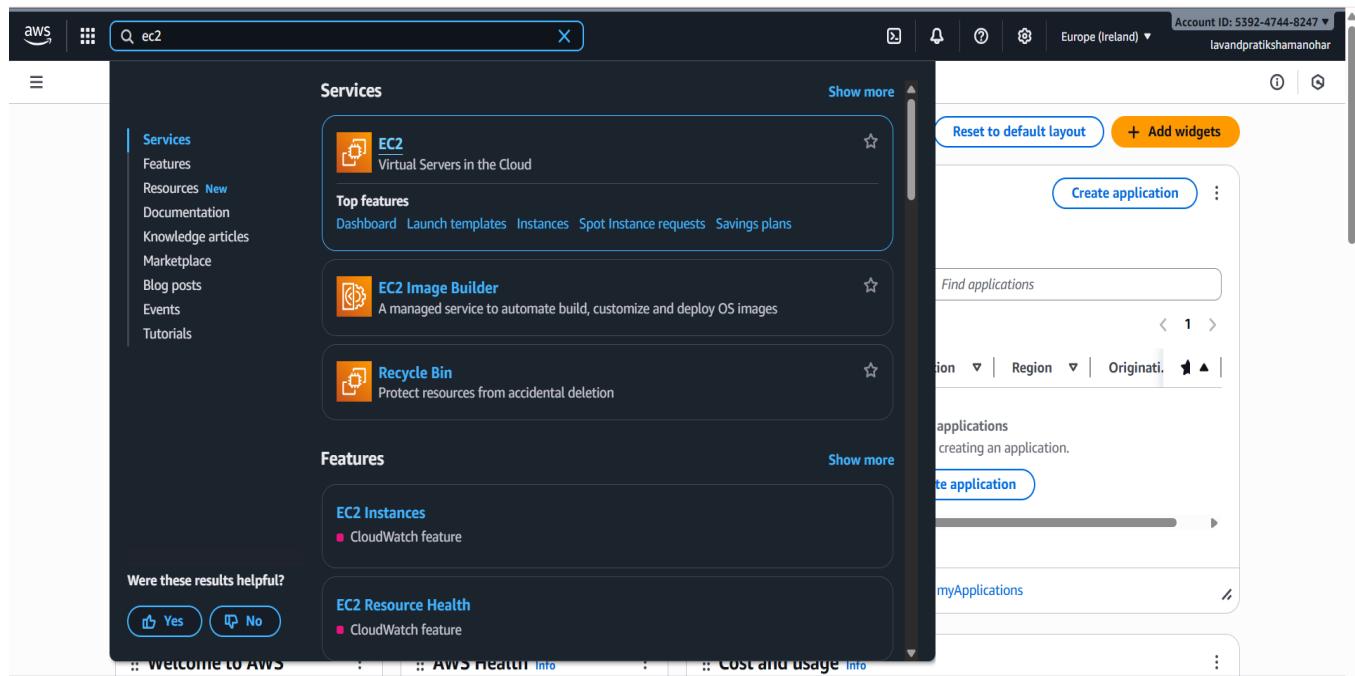
Step2: After entering your Root user email, the AWS sign-in page will ask for your password. Enter your Root user password and click on Sign In.



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 EC2 dashboard. On the left, a sidebar lists navigation options like Dashboard, Instances, Images, and Elastic Block Store. The main area displays various Amazon EC2 resources in the Europe (Ireland) Region, including Instances (running), Auto Scaling Groups, Capacity Reservations, Dedicated Hosts, Elastic IPs, Instances, Key pairs, Load balancers, Placement groups, Security groups, Snapshots, and Volumes. A prominent blue callout box at the top left says, "You can change your default landing page for EC2." Below it are "Permanently dismiss" and "Change landing page" buttons. To the right, there's a section titled "Account attributes" with links to Default VPC, Settings, and Explore AWS. At the bottom, there are CloudShell and Feedback links, along with copyright and legal information.

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

The screenshot shows the "Launch an instance" wizard. Step 1: Set instance details. It asks for a Name (Demo-server) and allows adding additional tags. Step 2: Application and OS Images (Amazon Machine Image). It shows a search bar and a grid of quick start AMIs: Amazon Linux, macOS, Ubuntu, Windows, Red Hat, SUSE Linux, and Debian. A "Browse more AMIs" link is available. Step 3: Summary. It shows 1 instance selected, software image (Amazon Linux 2023.8.2...), virtual server type (t2.micro), firewall (New security group), and storage (1 volume(s) - 8 GiB). A note about free tier is shown. Buttons for Cancel, Launch instance, and Preview code are at the bottom.

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

Browse more AMIs Including AMIs from AWS, Marketplace and the Community

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.

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

EC2 Instances Launch an instance

Amazon Linux 2023 AMI 2023.9.20250929.0 x86_64 HVM kernel-6.1

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

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

All generations

Compare instance types

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.

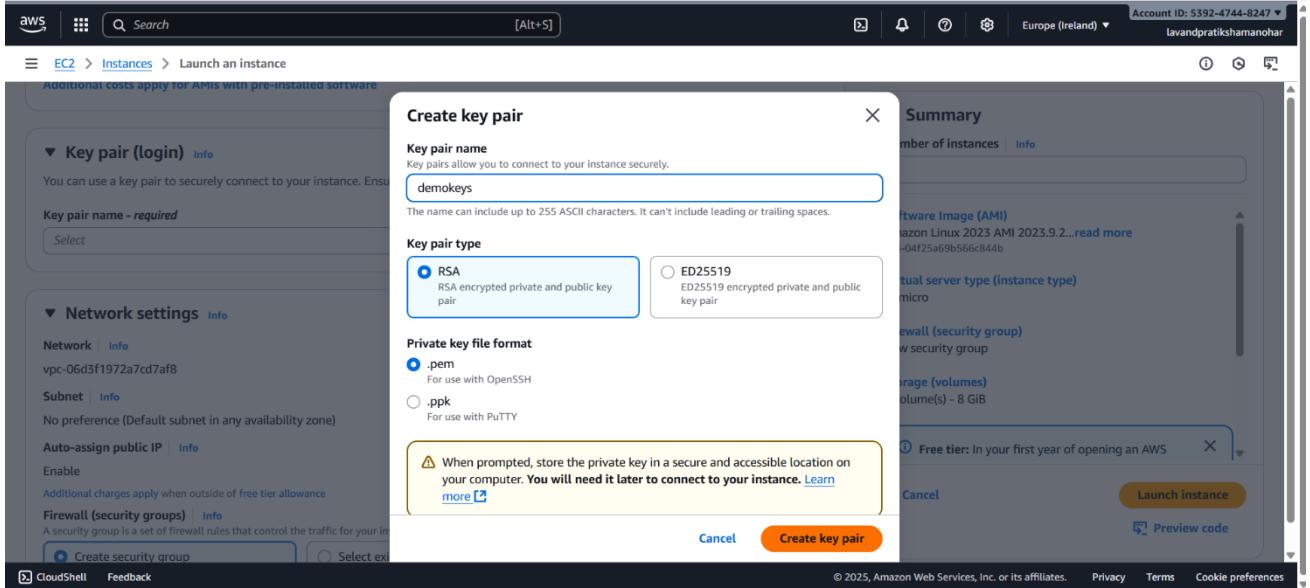
Key pair name - required

Select [Create new key pair](#)

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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.

