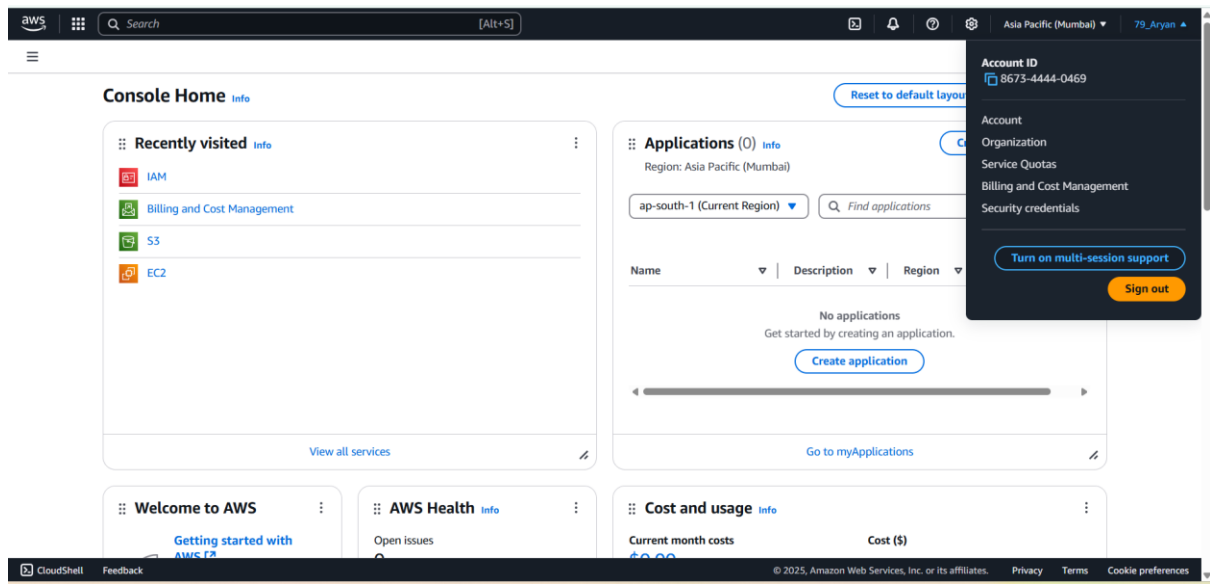


Assignment No:02

Title: Create MFA for authentication.

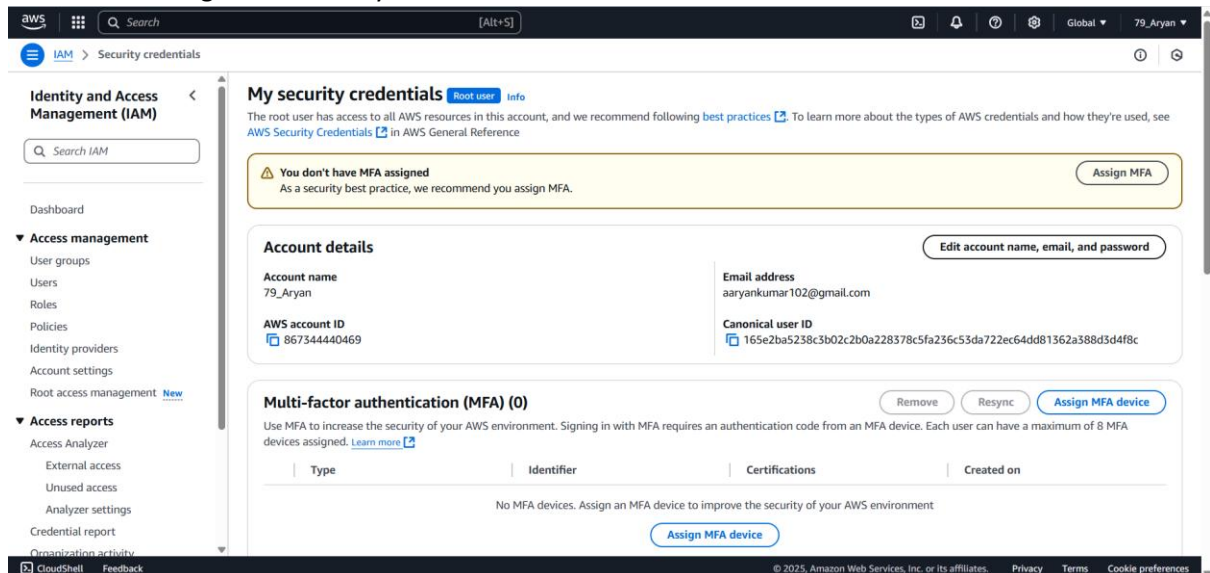
Step-1:

Open the AWS Management Console and click on the user name in the top right corner and click on the Security credentials.



Step-2:

Click on the Assign MFA in the yellow box.



Step-3:

Name the device and select the device.

The screenshot shows the AWS IAM console interface for the 'Assign MFA device' task. The breadcrumb trail is 'IAM > Security credentials > Assign MFA device'. On the left, a progress indicator shows 'Step 1: Select MFA device' as the current step, with 'Step 2: Set up device' as the next step. The main content area is titled 'Select MFA device' with an 'Info' link. It contains two sections: 'MFA device name' and 'MFA device'. The 'MFA device name' section has a text input field with 'AWS_Aaryan' entered, with a note that the name will be used in the ARN and a character limit of 64. The 'MFA device' section, titled 'Device options', shows two choices: 'Passkey or security key' (selected with a radio button) and 'Authenticator app' (highlighted with a blue border and a plus icon). The footer includes 'CloudShell', 'Feedback', and copyright information for 2025.

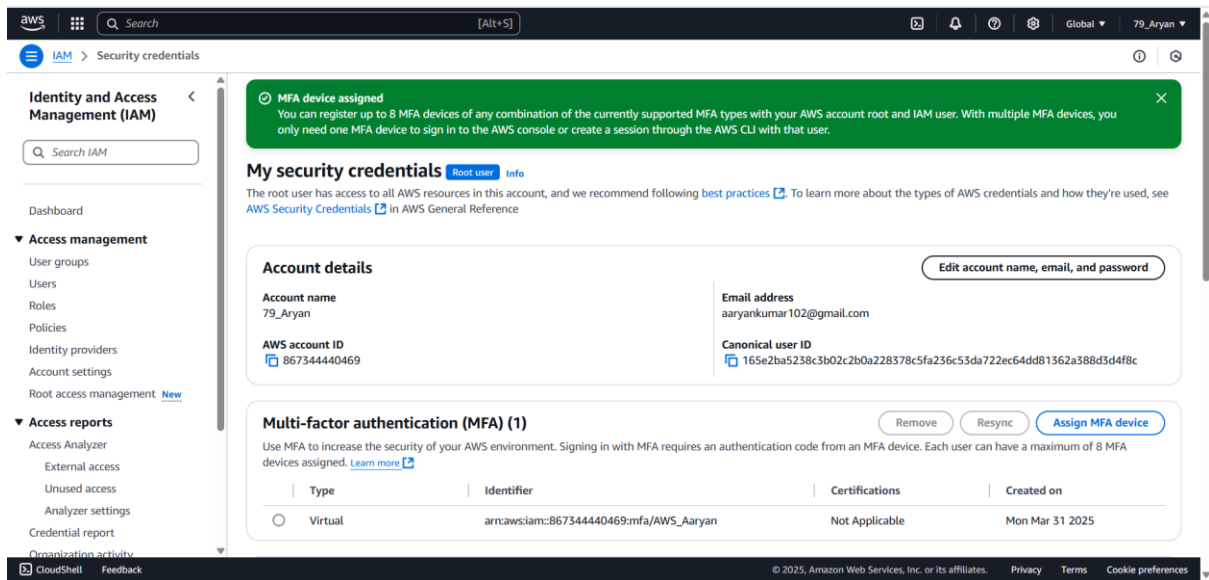
Step-4:

Scan the qr code using the device or a authenticator app in mobile

The screenshot shows the 'Set up device' page in the AWS IAM console. The breadcrumb trail is 'IAM > Security credentials > Assign MFA device'. The progress indicator on the left shows 'Step 2: Set up device' as the current step. The main content area is titled 'Set up device' with an 'Info' link. It features a section for 'Authenticator app' which explains that a virtual MFA device is an application configured by scanning a QR code. A three-step guide is provided: 1. Install a compatible application (Google Authenticator, Duo Mobile, or Authy). 2. Scan the QR code (shown in a box) using the authenticator app. 3. Type two consecutive MFA codes. A QR code is displayed in the center. Below it, a text input field is labeled 'MFA Code 1'. The footer includes 'CloudShell', 'Feedback', and copyright information for 2025.

Step-5:

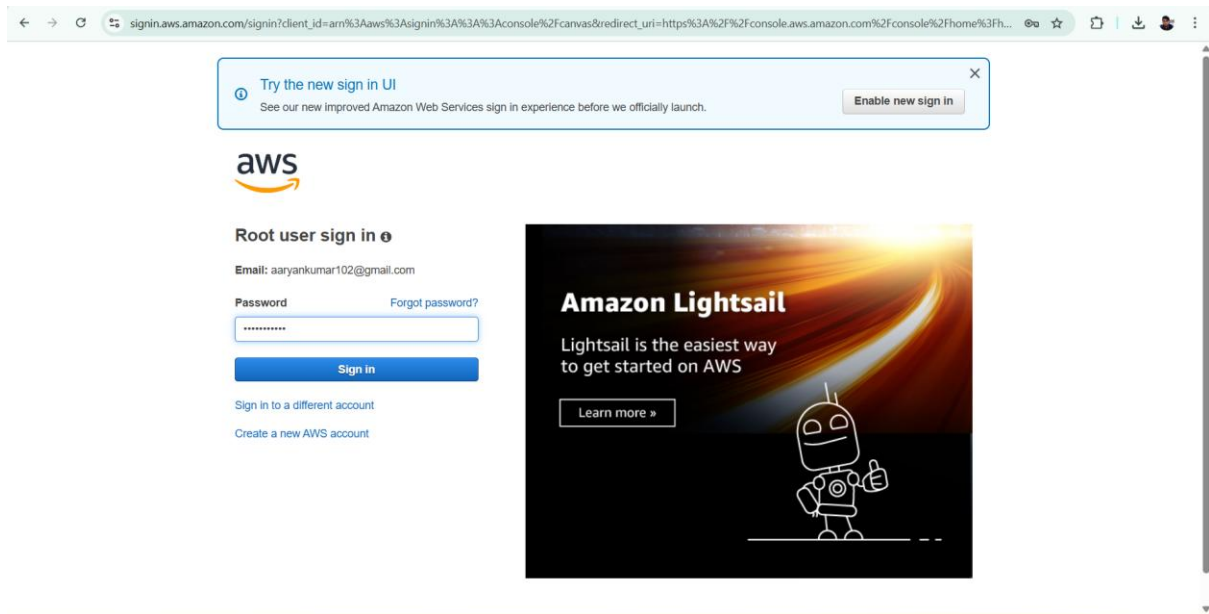
Multifactor authentication is added to the account.



The screenshot shows the AWS IAM console interface. At the top, a green notification banner states "MFA device assigned" with a close button. Below this, the "My security credentials" section is active, showing "Account details" for the root user "79_Aryan" with account ID "867344440469" and email "aaryankumar102@gmail.com". The "Multi-factor authentication (MFA) (1)" section shows one virtual MFA device assigned to the root user, with a table listing its details: Type (Virtual), Identifier (arn:aws:iam:867344440469:mfa/AWS_Aryan), Certifications (Not Applicable), and Created on (Mon Mar 31 2025). Buttons for "Remove", "Resync", and "Assign MFA device" are visible. The left sidebar shows navigation options like "Access management" and "Access reports".

Step-6:

Now during login MFA code is required.



The screenshot shows the AWS root user sign-in page. At the top, a blue notification banner says "Try the new sign in UI" with an "Enable new sign in" button. The main sign-in form is titled "Root user sign in" and shows the email "aaryankumar102@gmail.com". The password field is masked with "*****" and has a "Forgot password?" link. A "Sign in" button is present. Below the form, links for "Sign in to a different account" and "Create a new AWS account" are visible. On the right, there is a promotional banner for "Amazon Lightsail" with the text "Lightsail is the easiest way to get started on AWS" and a "Learn more" button. The browser address bar shows the URL "signin.aws.amazon.com/signin?client_id=arn%3Aaws%3A%3A%3Aconsole%2Fcanvas&redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3Fh...".

← → ↻

signin.aws.amazon.com/signin?client_id=am%3Aaws%3Asignin%3A%3Aconsole%2Fcanvas&redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3FhashAr...

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Try the new sign in UI

See our new improved Amazon Web Services sign in experience before we officially launch.

Enable new sign in

aws

Multi-factor authentication

Your account is secured using multi-factor authentication (MFA). To finish signing in, turn on or view your MFA device and type the authentication code below.

Email address: aaryankumar102@gmail.com

MFA code

076792

Submit

Troubleshoot MFA

Cancel

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