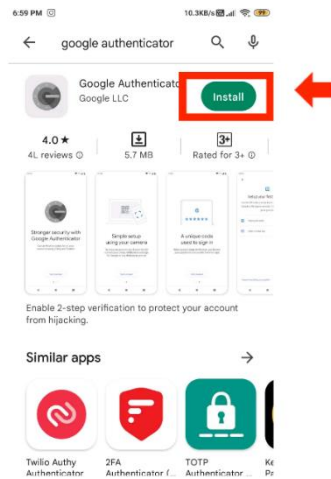


Assignment -2

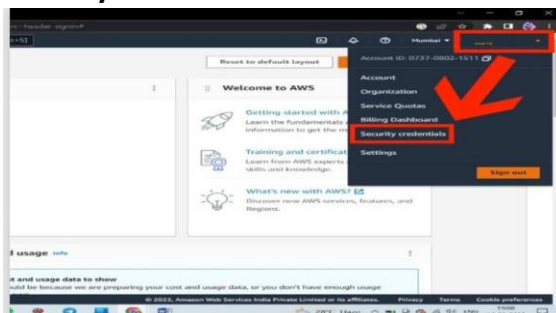
Create MFA for Authentication

Steps to Add MFA Authentication:

1. At first download the **Google Authenticator** on your mobile from the **Google Play Store/App Store**.



2. Log in to your AWS account.
3. On the right side of the navigation bar, choose your account name, and choose **My Security Credentials**.



4. Click on **Assign MFA device**.

My security credentials (root user) [Info](#)

The root user has access to all AWS resources in this account, and we recommend following [best practices](#). To learn more about the types of AWS credentials and how they're used, see [AWS Security Credentials](#) in AWS General Reference.



MFA not activated for root user

The root user for this account does not have multi-factor authentication (MFA) activated. Activate MFA to improve security for this account.

[Assign MFA](#)

5. Choose **Virtual MFA Device** and click on **Continue**.

Select MFA device

Specify MFA device name

Device name

Enter a meaningful name to identify this device.

ABC

Maximum 128 characters. Use alphanumeric and '+ = , . @ - _' characters.

Select MFA device [Info](#)

Select an MFA device to use, in addition to your username and password, whenever you need to authenticate.



Authenticator app

Authenticate using a code generated by an app installed on your mobile device or computer.



Security Key

Authenticate using a code generated by touching a YubiKey or other supported FIDO security key.



Hardware TOTP token

Authenticate using a code displayed on a hardware Time-based one-time password (TOTP) token.

[Cancel](#)

[Next](#)

6. Now Click on Show QR Code and open the Google Authenticator app on your phone.

Set up device

Set up your authenticator app

A virtual MFA device is an application running on your device that you can configure by scanning a QR code.

1

Install a compatible application such as Google Authenticator, Duo Mobile, or Authy app on your mobile device or computer.

[See a list of compatible applications](#)

2



Open your authenticator app, chose **Show QR code** on this page, then use the app to scan the code. Alternatively, you can type a secret key. [Show secret key](#)

Fill in two consecutive codes from your MFA device.

3

MFA code 1

MFA code 2

Cancel

Previous

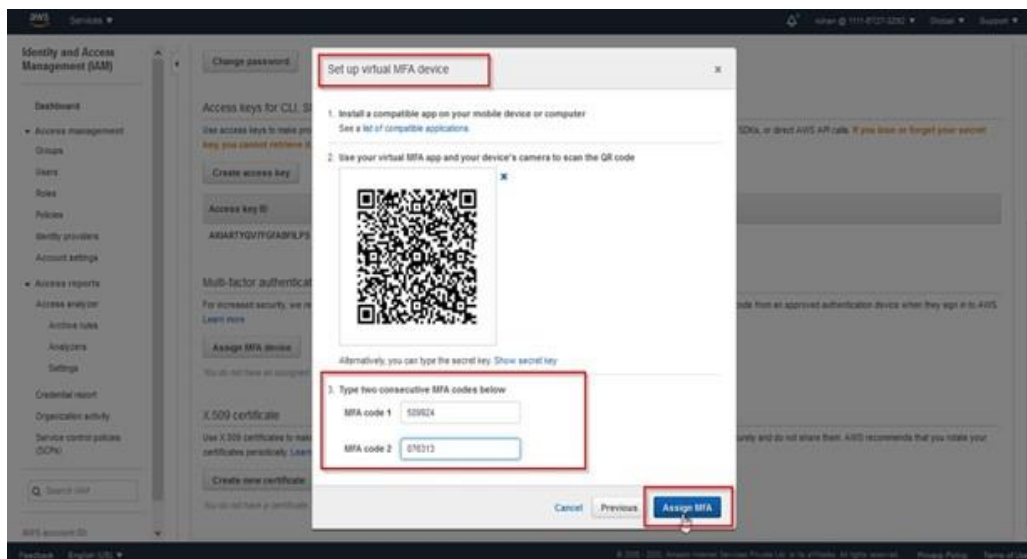
Add MFA

Note: Take a screenshot of the code so that in the future if you lose your phone you can use it to re-enable MFA

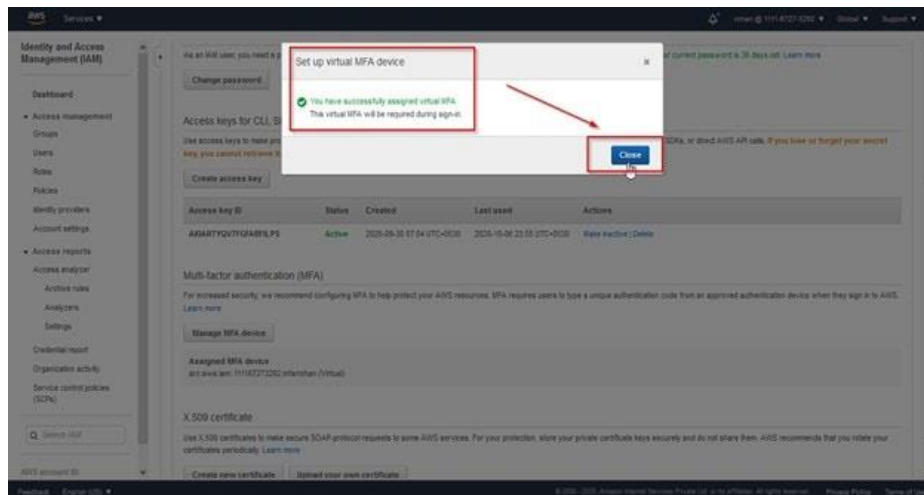
7. Now open the Google Authenticator App Click on Get started and Scan the QR code.



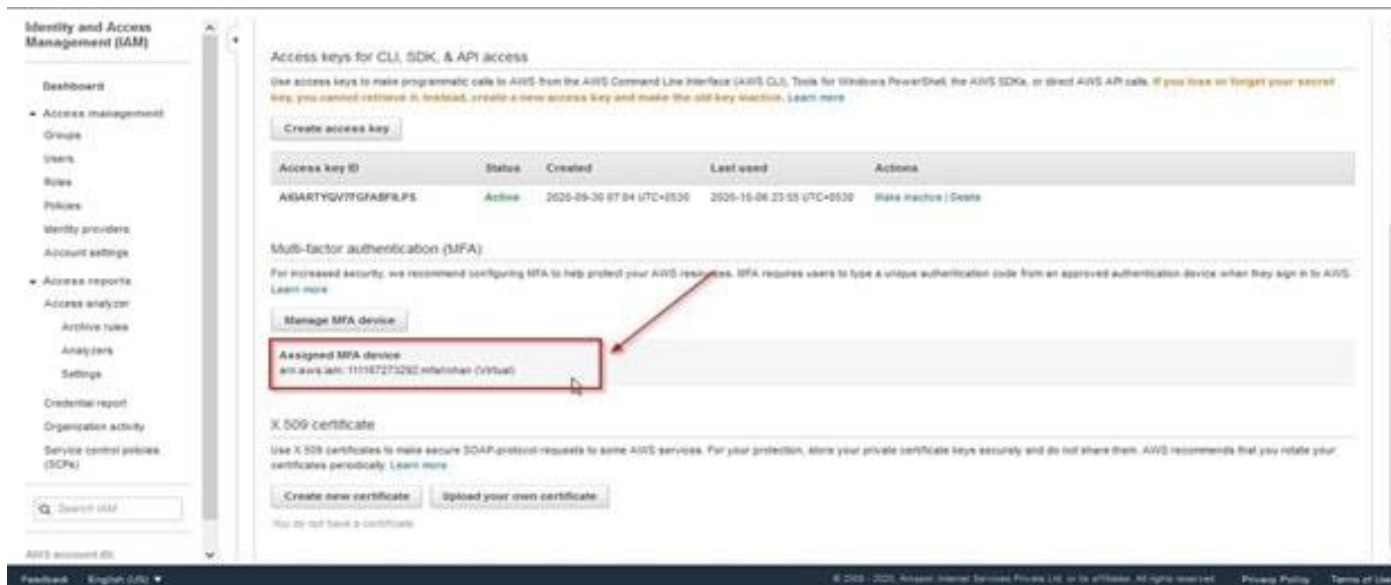
8. Now enter the code from your Phone into MFA code 1 and MFA code 2.
9. After adding MFA code click on Assign MFA.



10. You will get a success message then click on Close.



11. Now you will see that the device has been added for MFA.



12. Now you have successfully **Activated MFA on your root account** setting.

Accessing AWS Console Using MFA

13. Open your AWS console login page and click on **Root User** then enter your email.



Sign in

☒ **Root user**

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☐ **IAM user**

User within an account that performs daily tasks. [Learn more](#)

Root user email address

Next

By continuing, you agree to the [AWS Customer Agreement](#) or other agreement for AWS services, and the [Privacy Notice](#). This site uses essential cookies. See our [Cookie Notice](#) for more information.

————— New to AWS? —————

Create a new AWS account

14. Enter your password corresponding to the Email address.



Root user sign in ⓘ

Email: [REDACTED]

Password

[Forgot password?](#)

.....

Sign in

[Sign in to a different account](#)

[Create a new AWS account](#)

- 15.** Use your **Google Authenticator** Application on mobile and enter MFA code in AWS Console.



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:

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MFA code

695768

Submit

Troubleshoot MFA

Cancel