

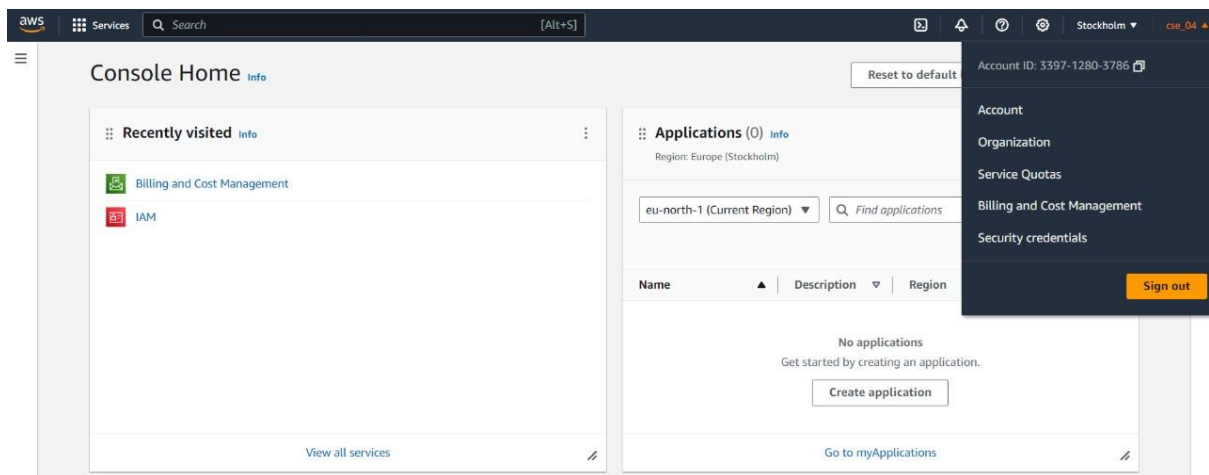
## ASSIGNMENT-2:

**STATEMENT:** Create MFA for authentication.

### **STEPS:**

a) MFA is 2nd level authentication like gmail where username, password and also generate OTP asked. At first download Google authentication app in mobile.

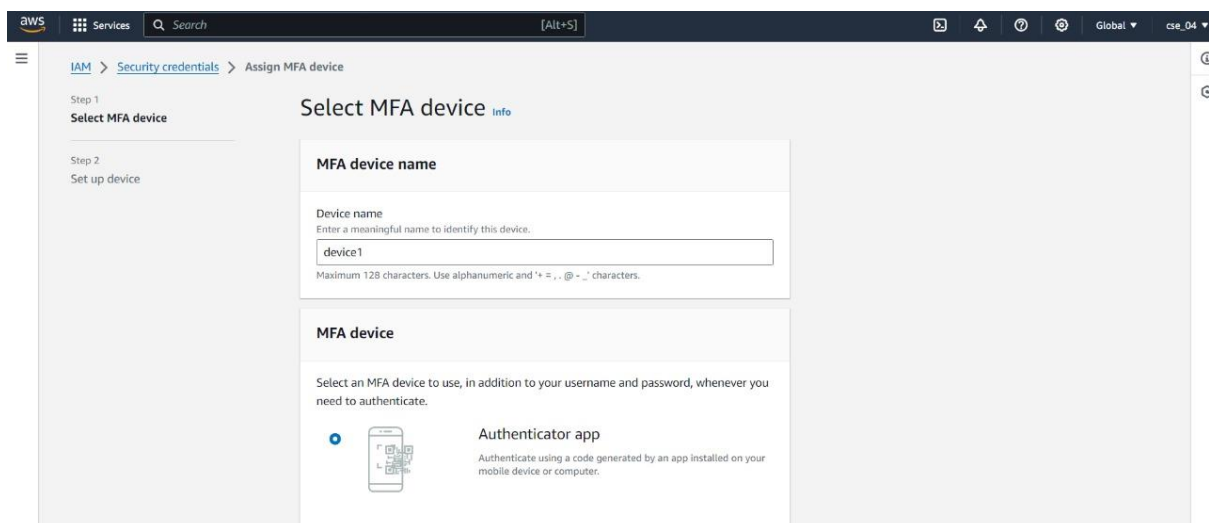
b) Now go to **Account** and click on **Security Credentials**.



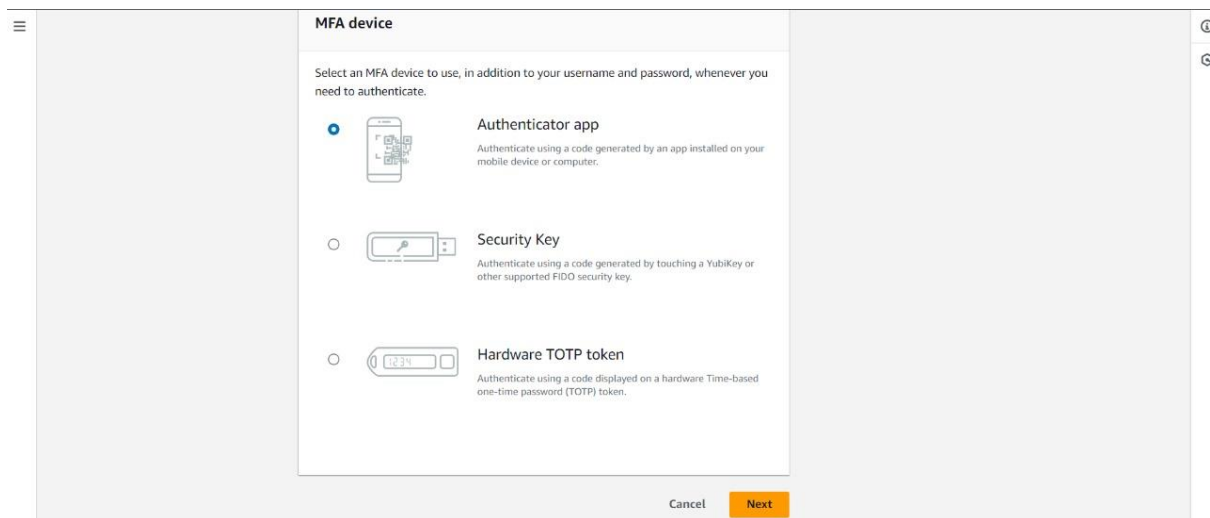
c) Now click on **Assign MFA device**.



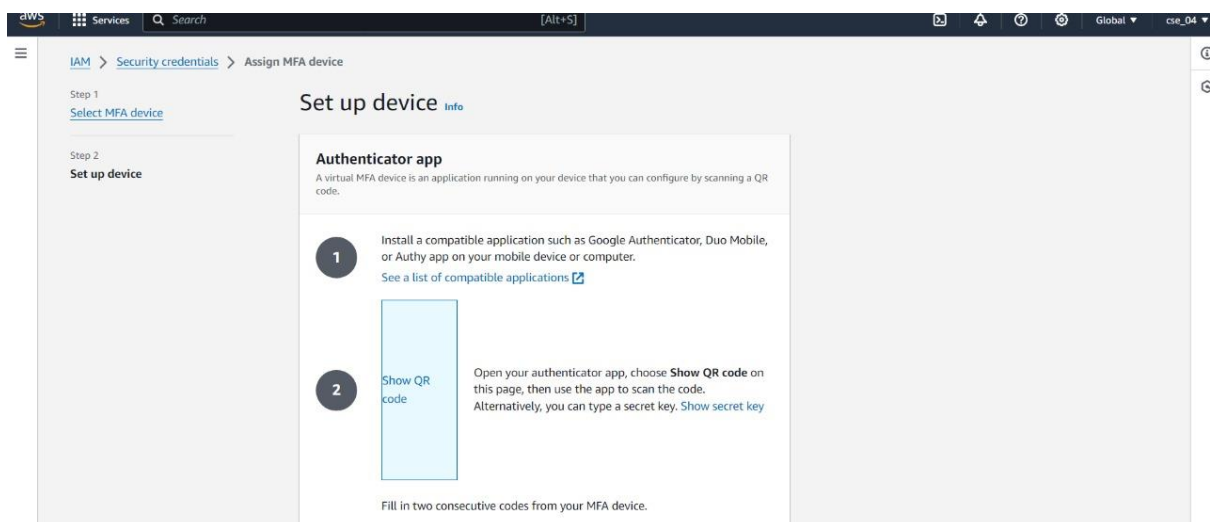
d) Give device name.



e) In MFA device , select **Authentication app** and now click on **Next**.




f) Now click on **Show QR Code** option and now you have to scan this QR with app installed previously.



g) Now give two MFA codes. In app at first **MFA code1** will be generated then **code2** will be generated . You have to copy those. Then click on **Add MFA**.

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

3 Fill in two consecutive codes from your MFA device.

MFA code 1  
498379

MFA code 2  
753391

Cancel Previous **Add MFA**

h) Now to check MFA is assigned or not...do sign out.

**Identity and Access Management (IAM)**

Search IAM

Dashboard

▼ Access management

- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

▼ Access reports

- Access Analyzer
- External access
- Unused access
- Analyzer settings
- Credential report

**MFA device deleted.**

AWS account ID: 339712803786

Canonical user ID: 5e6a91f25a6aa05b6f897d7aa768c1483d5a526f796984a2eb44d8a22c284784

**Multi-factor authentication (MFA) (1)** Remove Resync Assign MFA device

Use MFA to increase the security of your AWS environment. Signing in with MFA requires an authentication code from an MFA device. Each user can have a maximum of 8 MFA devices assigned. [Learn more](#)

Device type	Identifier	Certifications	Created on
<input type="radio"/> Virtual	arn:aws:iam::339712803786:mfa/device1	Not Applicable	1 minute ago

**Access keys (0)** Create access key

Use access keys to send programmatic calls to AWS from the AWS CLI, AWS Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time. [Learn more](#)

Access key ID	Created on	Access key last used	Region last used	Service last used	Status
No access keys					

As a best practice, avoid using long-term credentials like access keys. Instead, use tools which provide short term credentials. [Learn more](#)

Create access key

i) Now log back again. After giving username, password you can see MFA code will be asked. You have to give MFA code from app and you can see back your main console. So MFA is successfully assigned.