

## ASSIGNMENT-2:

STATEMENT: *Create MFA for authentication*

STEPS:

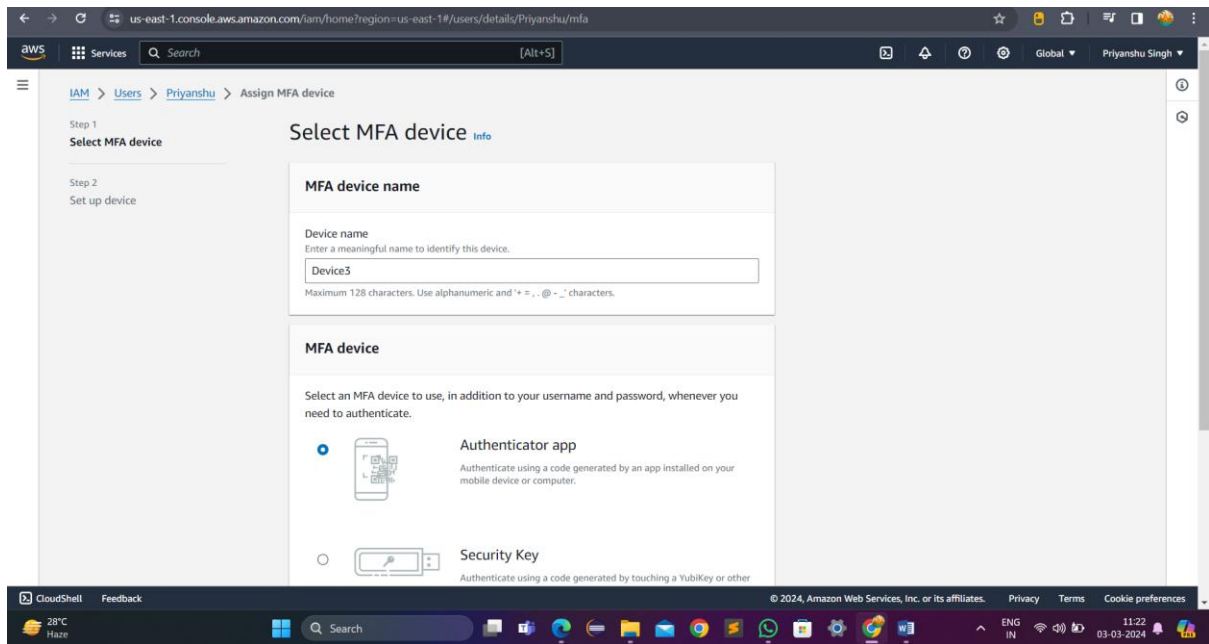
- MFA is 2nd level authentication like gmail where username, password and also generate OTP asked. At first download Google authentication app in mobile.
- Now go to Account and click on Security Credentials.

The screenshot shows the AWS IAM console for user 'Priyanshu'. The left sidebar contains navigation links for Identity and Access Management (IAM), Access management, Access reports, and CloudShell. The main content area displays the user's summary, including their ARN, console access status (Enabled without MFA), and last sign-in time. Below the summary, there are tabs for Permissions, Groups, Tags, Security credentials, and Access Advisor. The 'Permissions' tab is active, showing a list of permissions policies attached to the user, including 'AmazonS3FullAccess' and 'IAMUserChangePassword'.

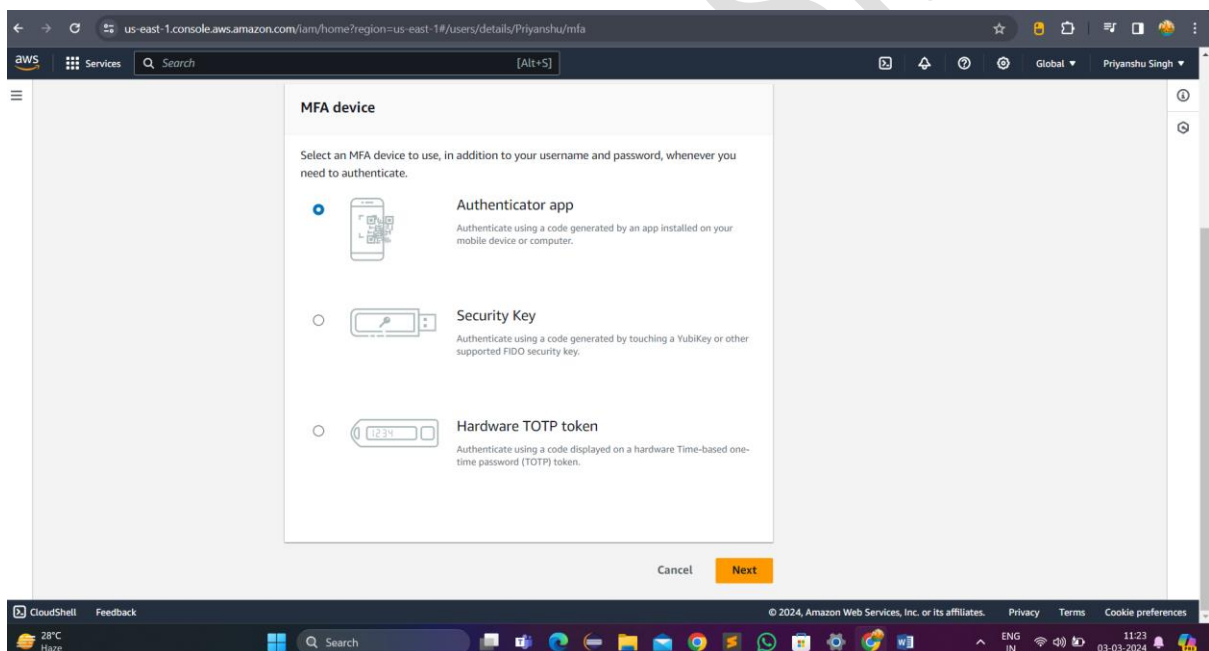
- Now click on Assign MFA device

The screenshot shows the AWS IAM console for user 'Priyanshu' with the 'Multi-factor authentication (MFA)' tab selected. The 'Console sign-in' section displays the console sign-in link, console password (updated 5 days ago), and last console sign-in time. The 'Multi-factor authentication (MFA)' section shows that no MFA devices are currently assigned, with a button to 'Assign MFA device'. Below this, there is a table with columns for Device type, Identifier, Certifications, and Created on. The 'Access keys' section at the bottom indicates that no access keys are currently assigned, with a button to 'Create access key'.

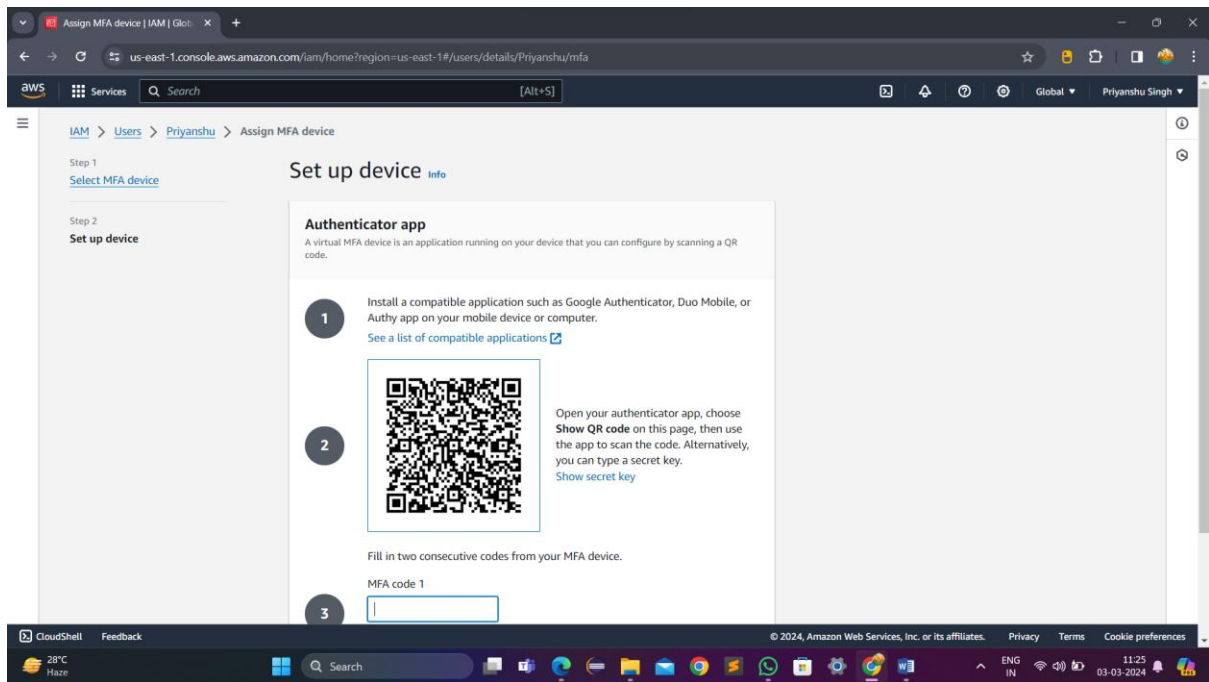
- Give device name.



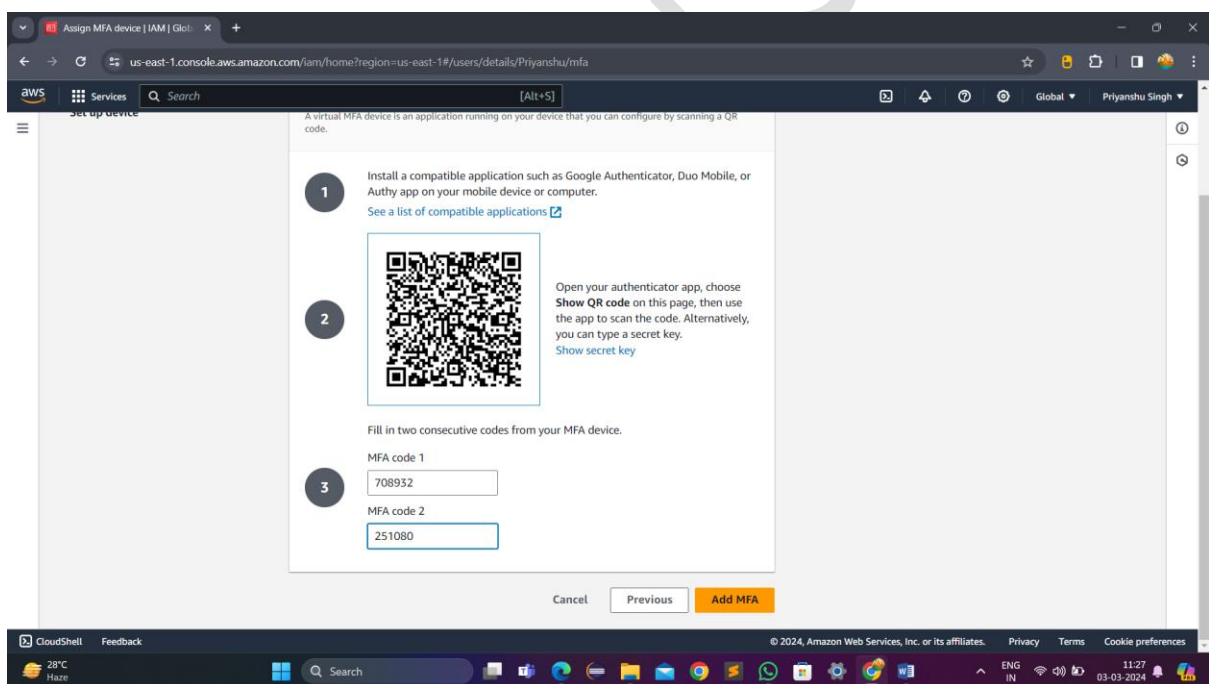
e) In MFA device , select Authentication app and now click on Next.



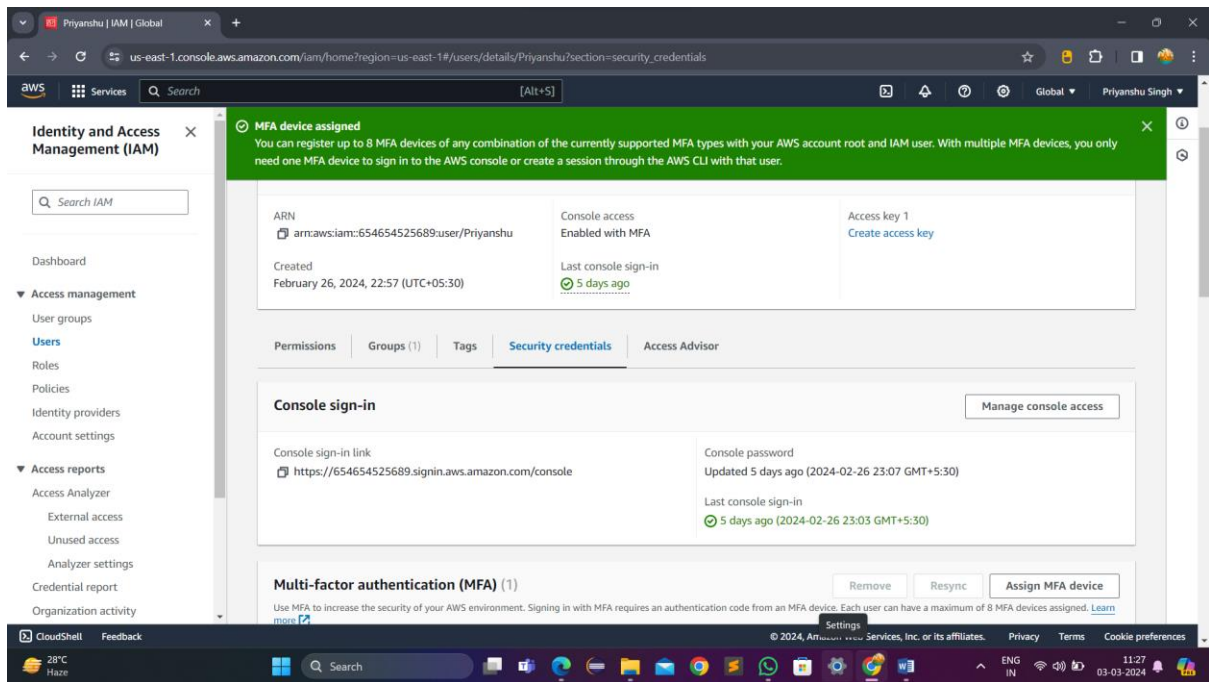
f) Now click on Show QR Code option and now you have to scan this QR with app installed previously.



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.



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



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.

