

Assignment No: 2

Problem Statement: Create MFA for authentication.

Solution Process:

1. At first go to Security credentials.
2. Then click the assign MFA option.
3. Give the MFA device name and choose the Authenticator app.

The screenshot shows the AWS IAM console interface. The breadcrumb navigation is IAM > Security credentials > Assign MFA device. On the left, a progress bar shows 'Step 1: Select MFA device' as the active 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 'archak' entered and a note: 'This name will be used within the identifying ARN for this device. Maximum 64 characters. Use alphanumeric and '+', '-', '@', '.', ':', and '_' characters.' The 'MFA device' section, titled 'Device options', lists three choices: 'Passkey or security key' (with a radio button), 'Authenticator app' (selected with a blue radio button), and 'Hardware TOTP token' (with a radio button). Each option has a brief description. At the bottom right are 'Cancel' and 'Next' buttons.

4. Download the Authenticator app on our mobile.
5. Then scan the QR code and Enter the MFA1 code from the authenticator app.
6. And wait for 30 sec then fill the MFA2 code from the authenticator app.
7. At last click on the Add MFA option.

The screenshot shows the 'Set up device' page in the AWS IAM console, specifically for the 'Authenticator app' option. The breadcrumb navigation is IAM > Security credentials > Assign MFA device. The progress bar on the left shows 'Step 2: Set up device' as the active step. The main content area is titled 'Set up device' with an 'info' link. The 'Authenticator app' section explains that a virtual MFA device is an application running on a device that can be configured by scanning a QR code. It contains three numbered steps: 1. 'Install a compatible application such as Google Authenticator, Duo Mobile, or Authy app on your mobile device or computer.' with a link to 'See a list of compatible applications'; 2. A QR code for scanning, with instructions to '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. 'Type two consecutive MFA codes below', which includes two input fields. The first field is labeled 'Enter a code from your virtual app below' and contains the code '648481'. The second field is labeled 'Wait 30 seconds, and enter a second code entry.' and contains the code '298724'. At the bottom right are 'Cancel', 'Previous', and 'Add MFA' buttons.

8.Finally the MFA device is assigned.

