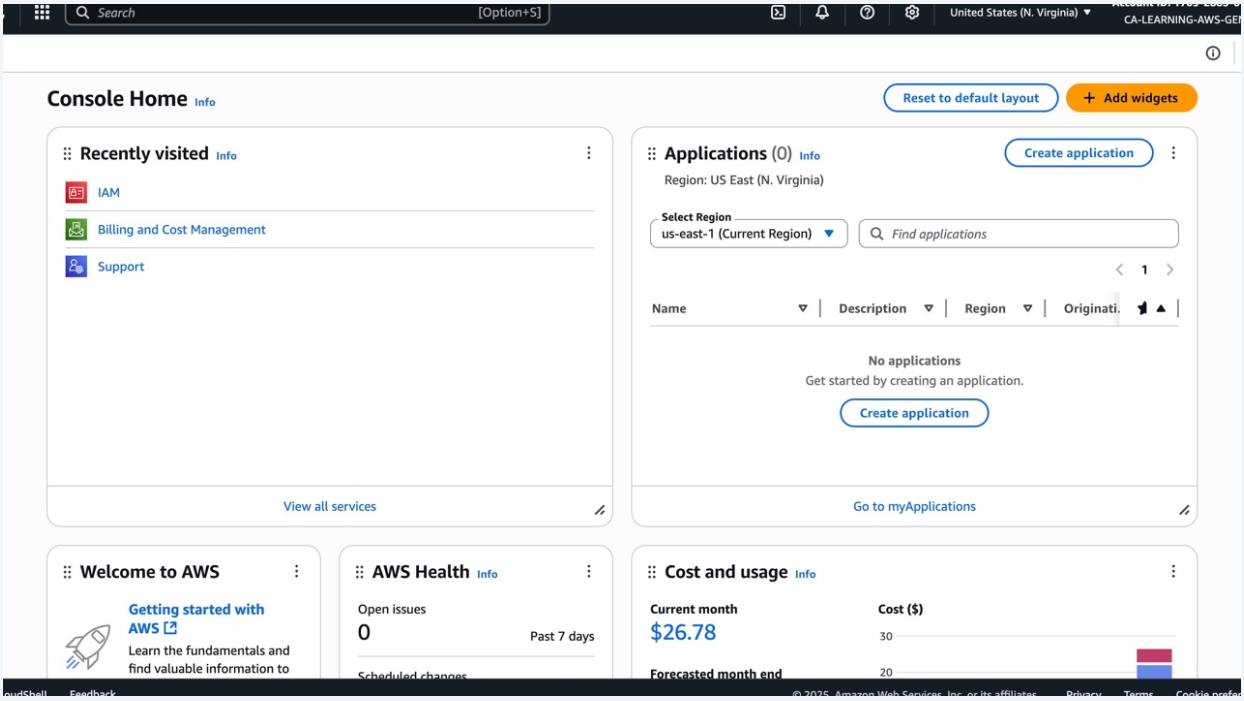
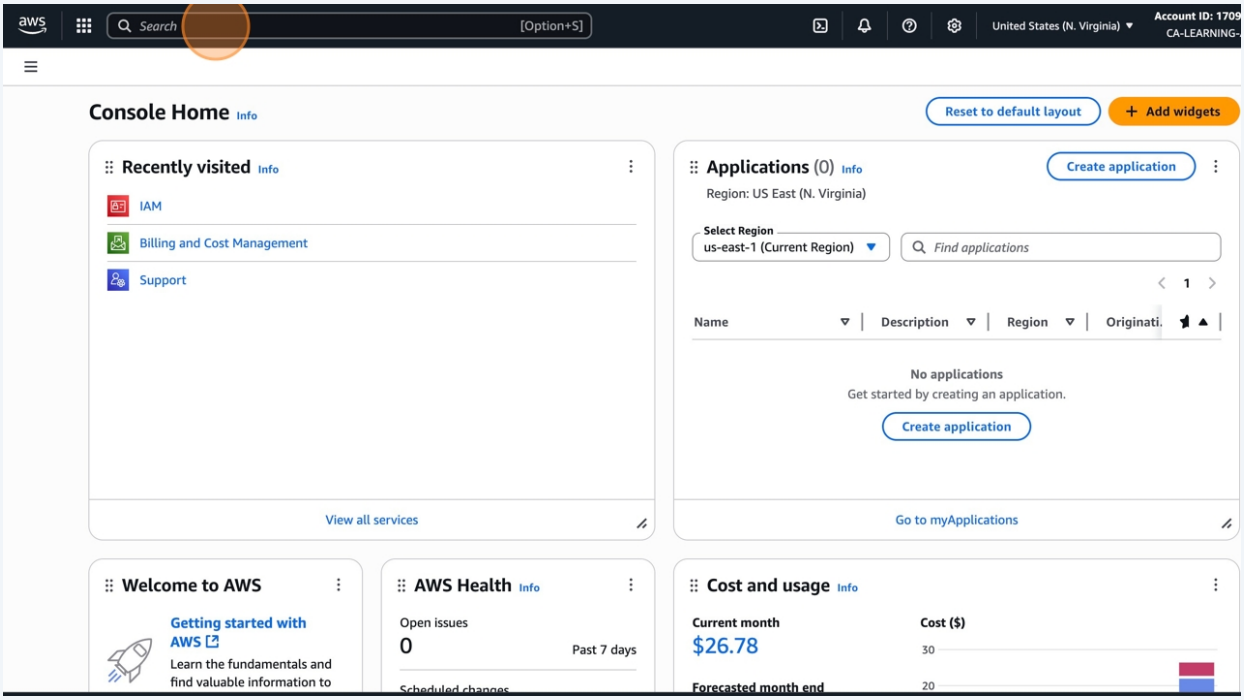
Adding and securing an IAM Admin user for the account.

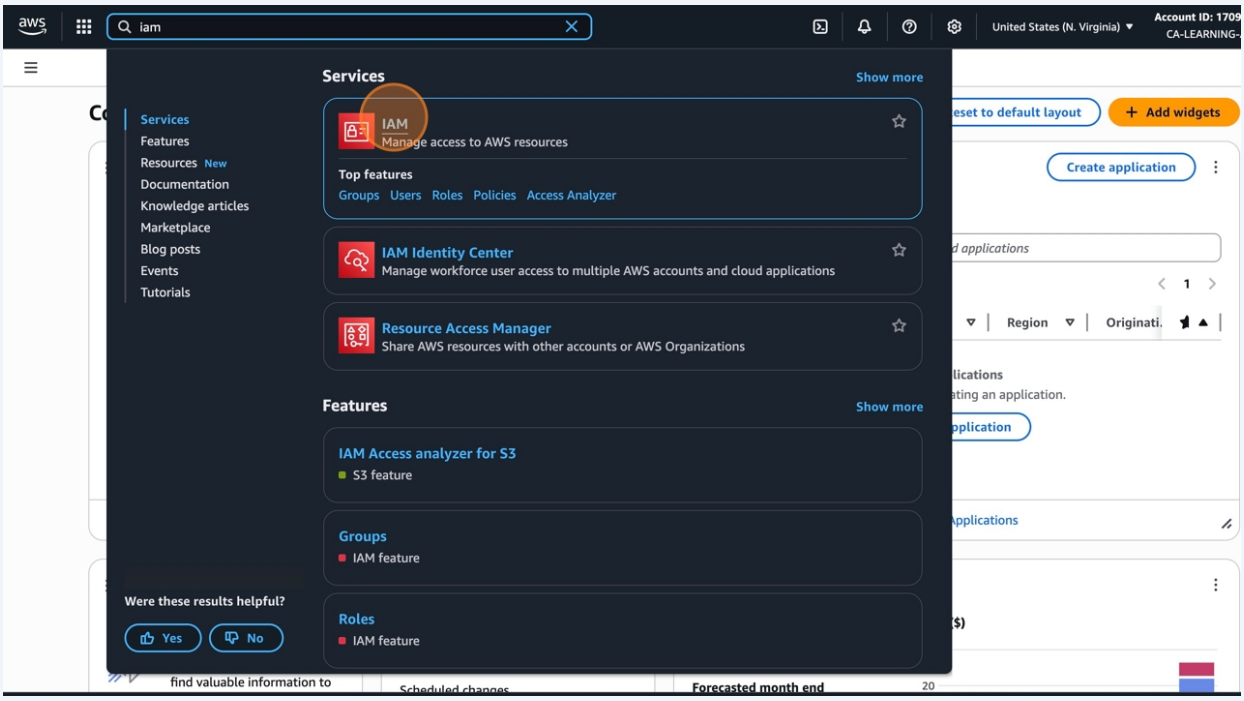
1 Navigate to https://us-east-1.console.aws.amazon.com/console/home?region=us-east-1



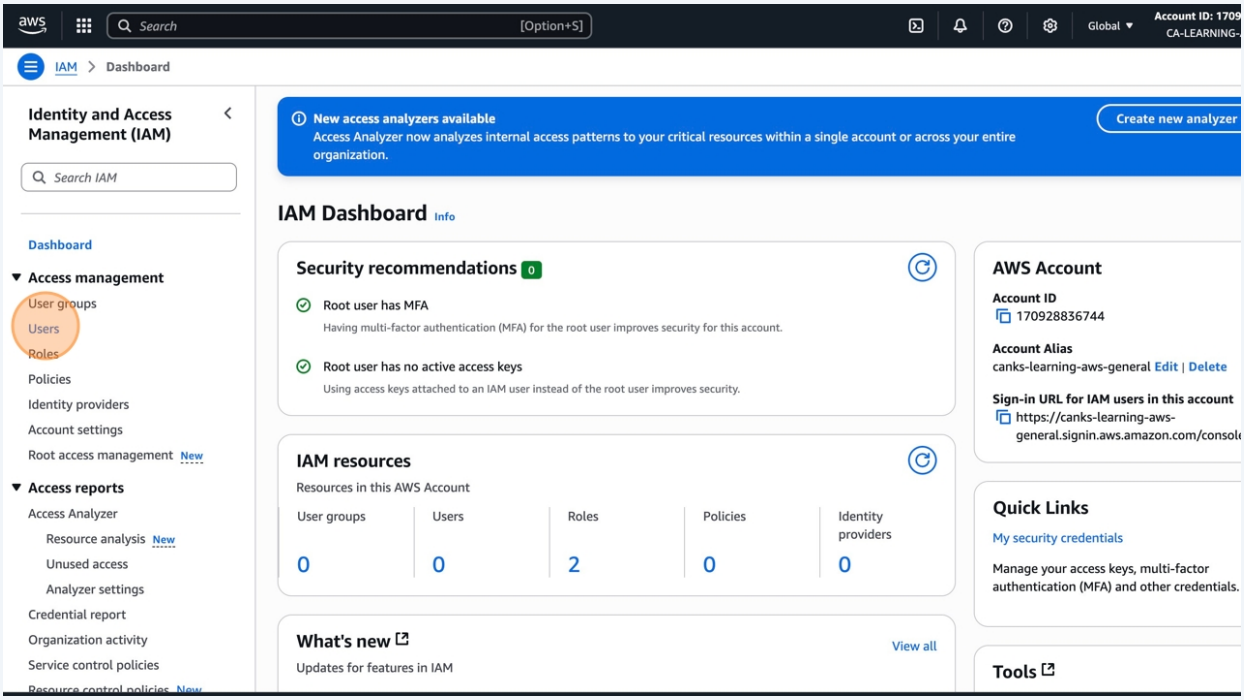
2 Click the "Search" field and type in "IAM".



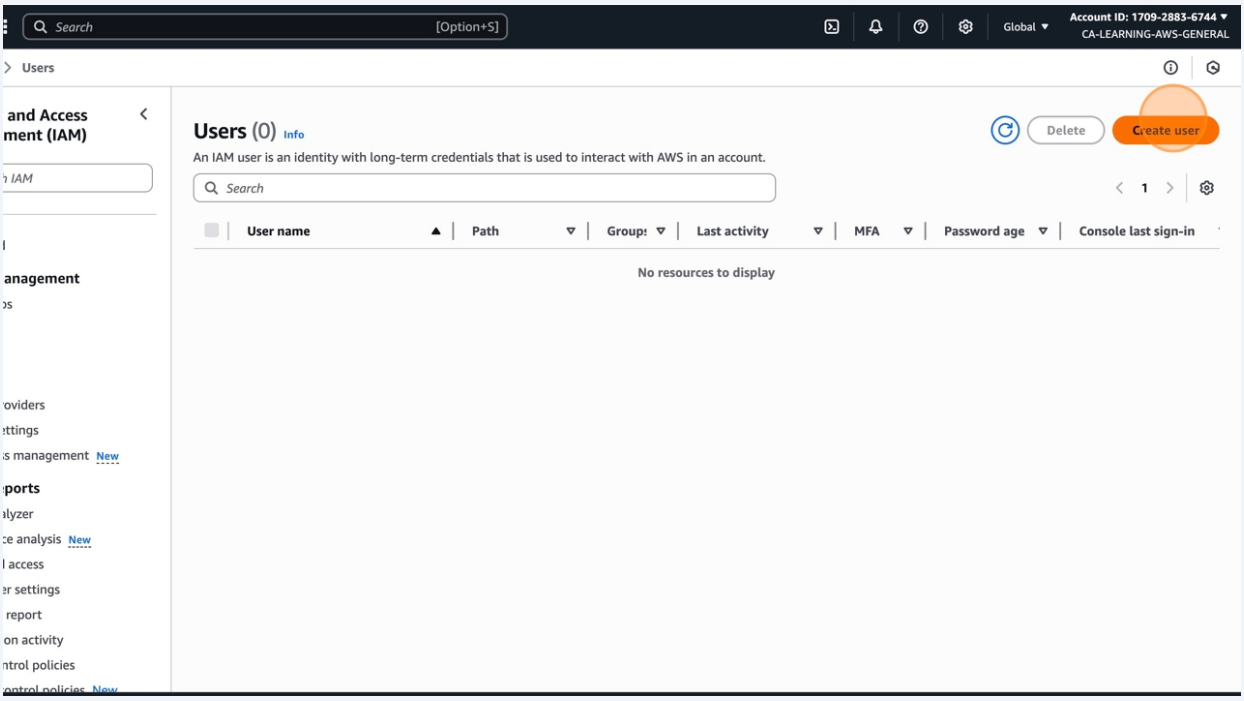
3 Click on the "IAM" service



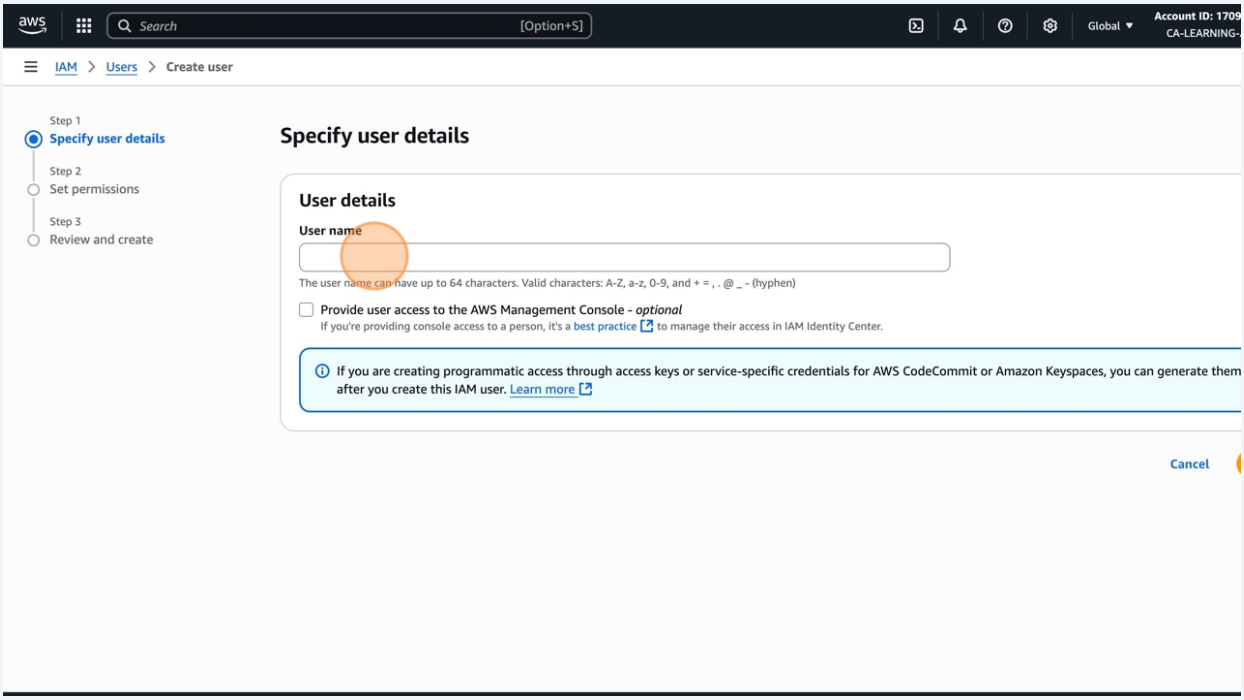
4 Once you are on the IAM dashboard, click "Users"



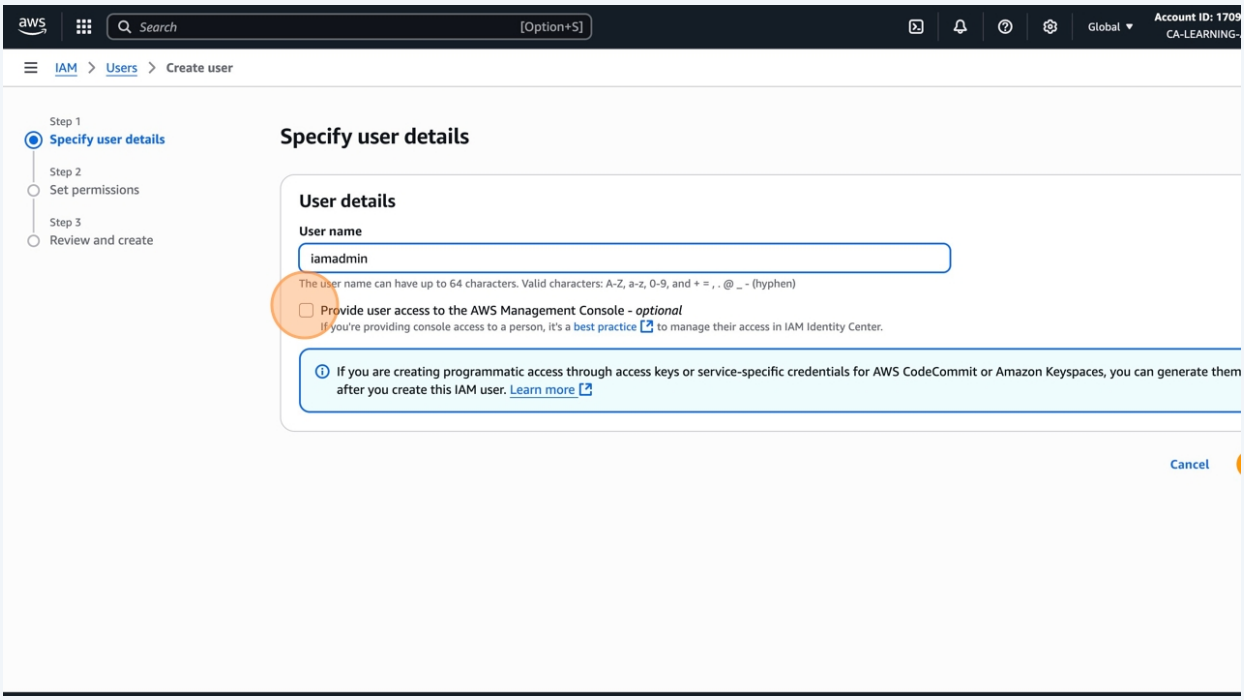
5 Click on "Create user"



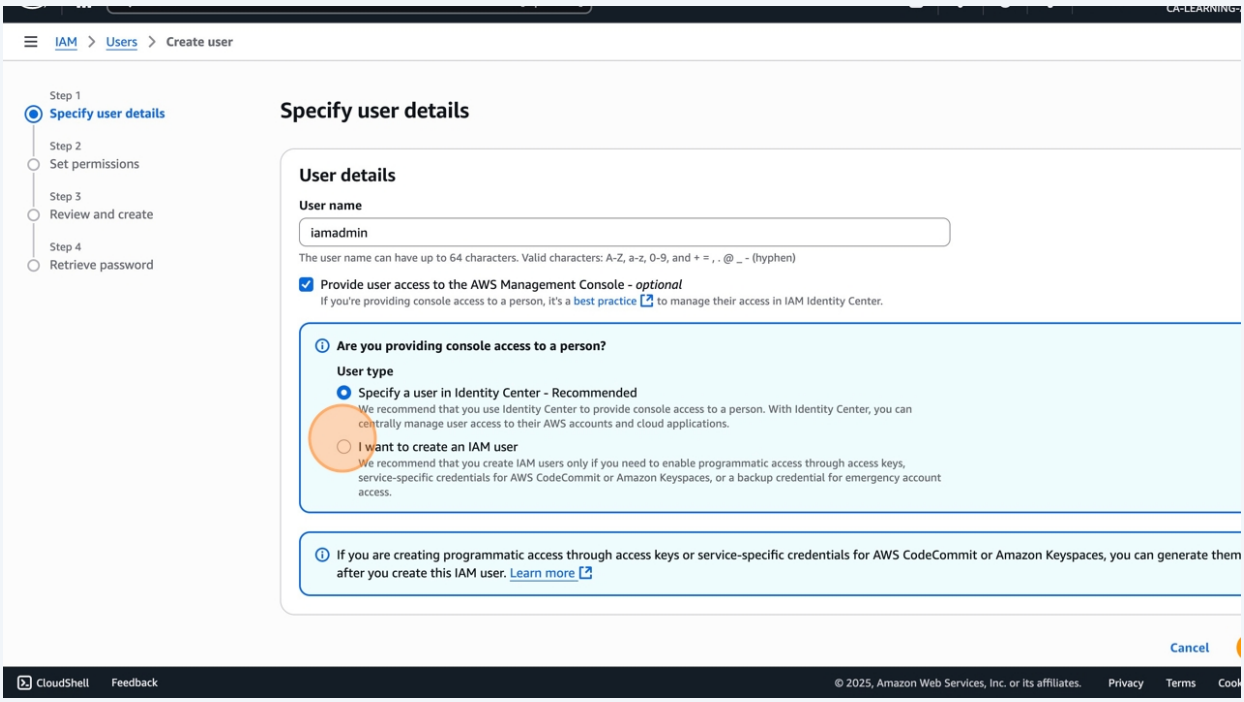
6 Click the "User name" field and type in "iamadmin".



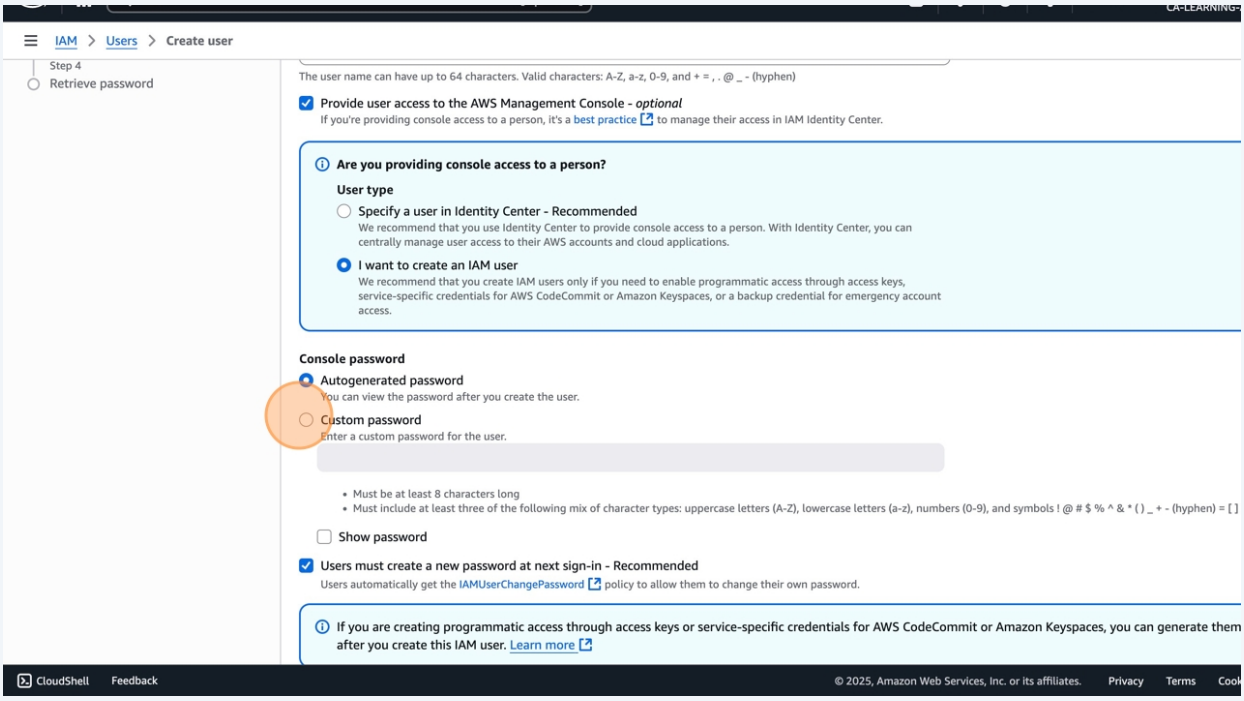
7 Click the checkbox to provide the iamadmin user access to the AWS Management Console .



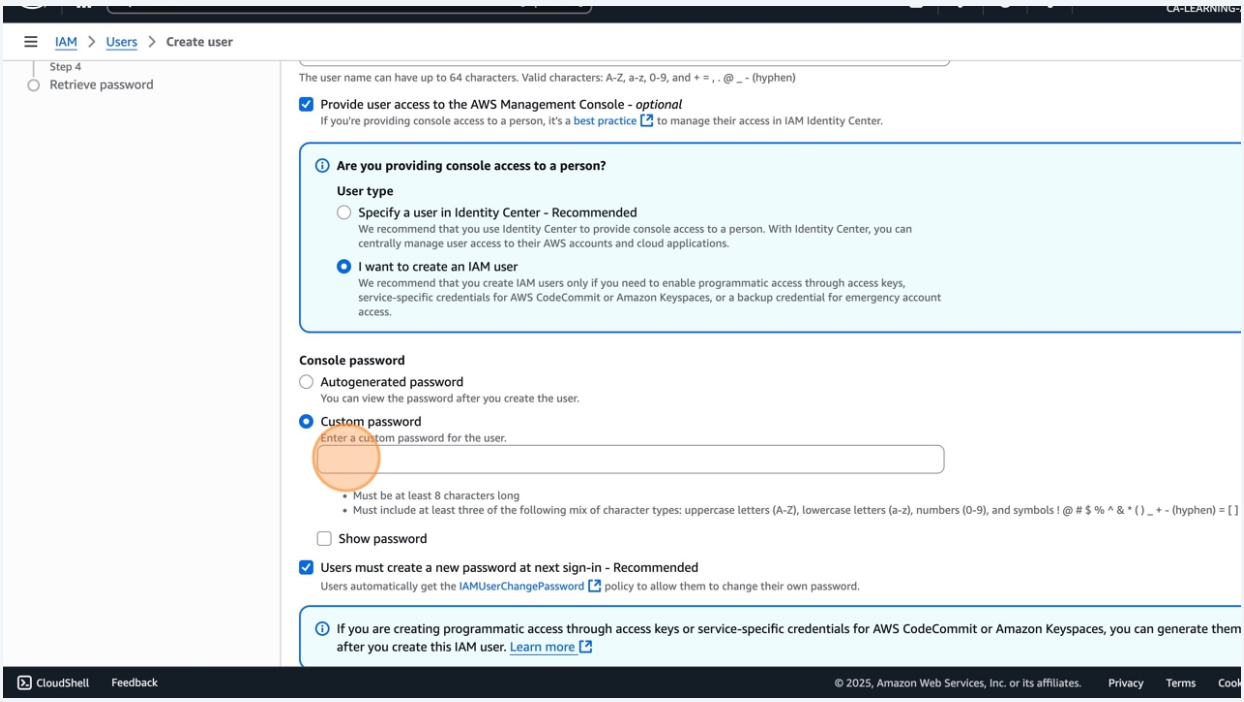
8 Choose the radio button option "I want to create an IAM user". Later on we will use the other "User type".



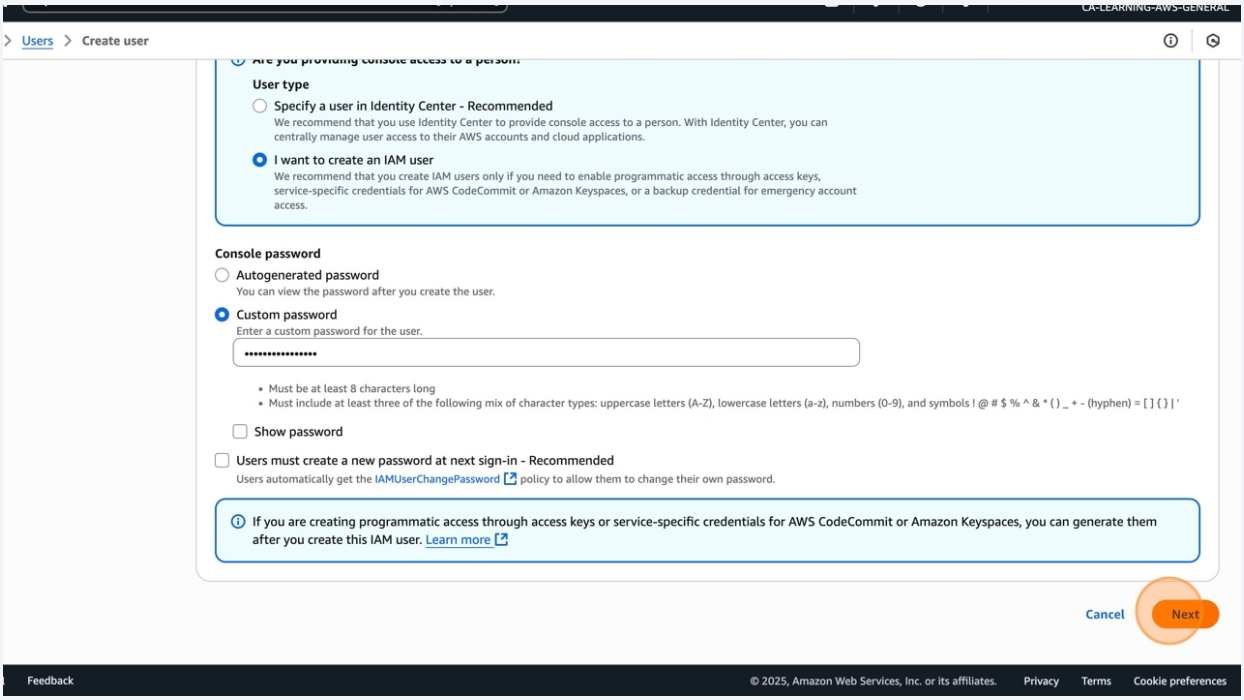
9 For password, I chose the option to create a custom passwod.



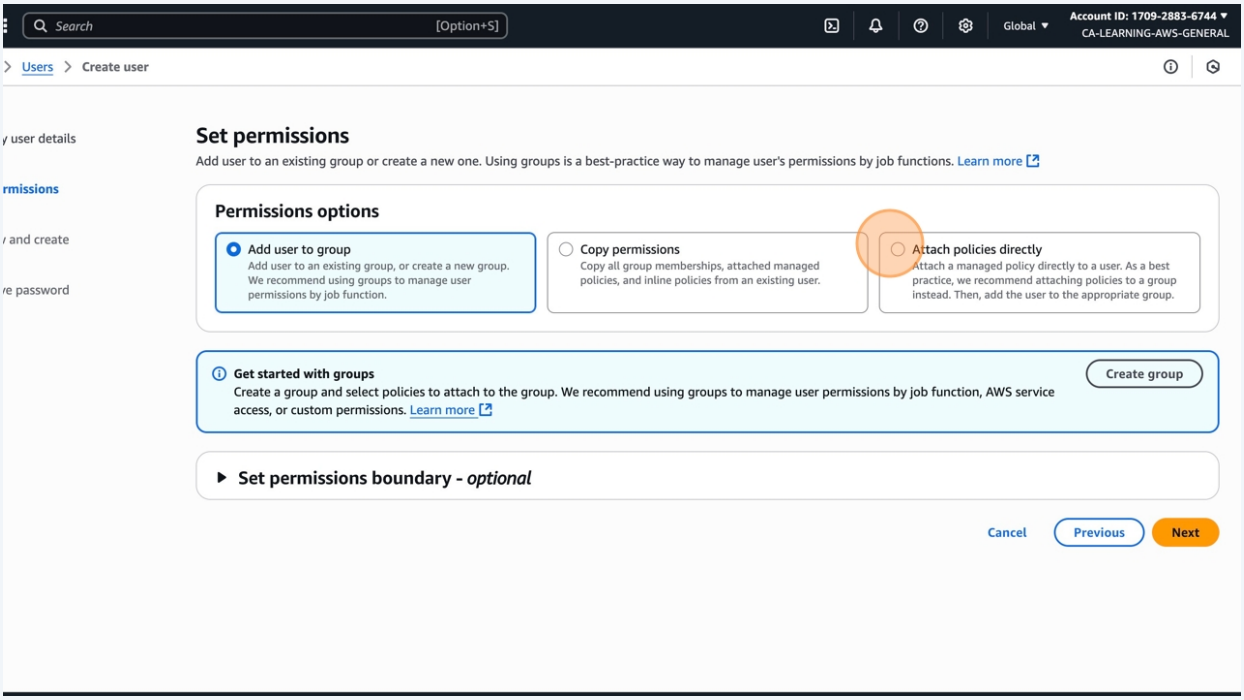
10 Type in your preferred password and uncheck the option to create a new password upon sign in.



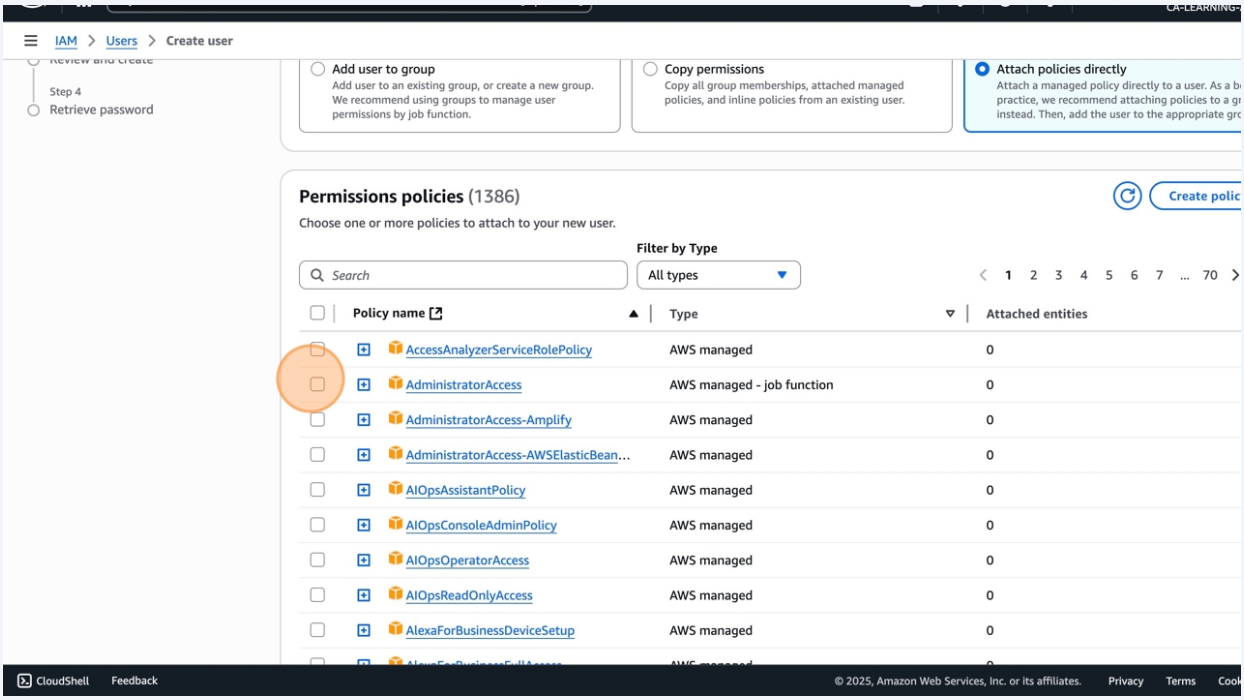
11 Click "Next" to move on.



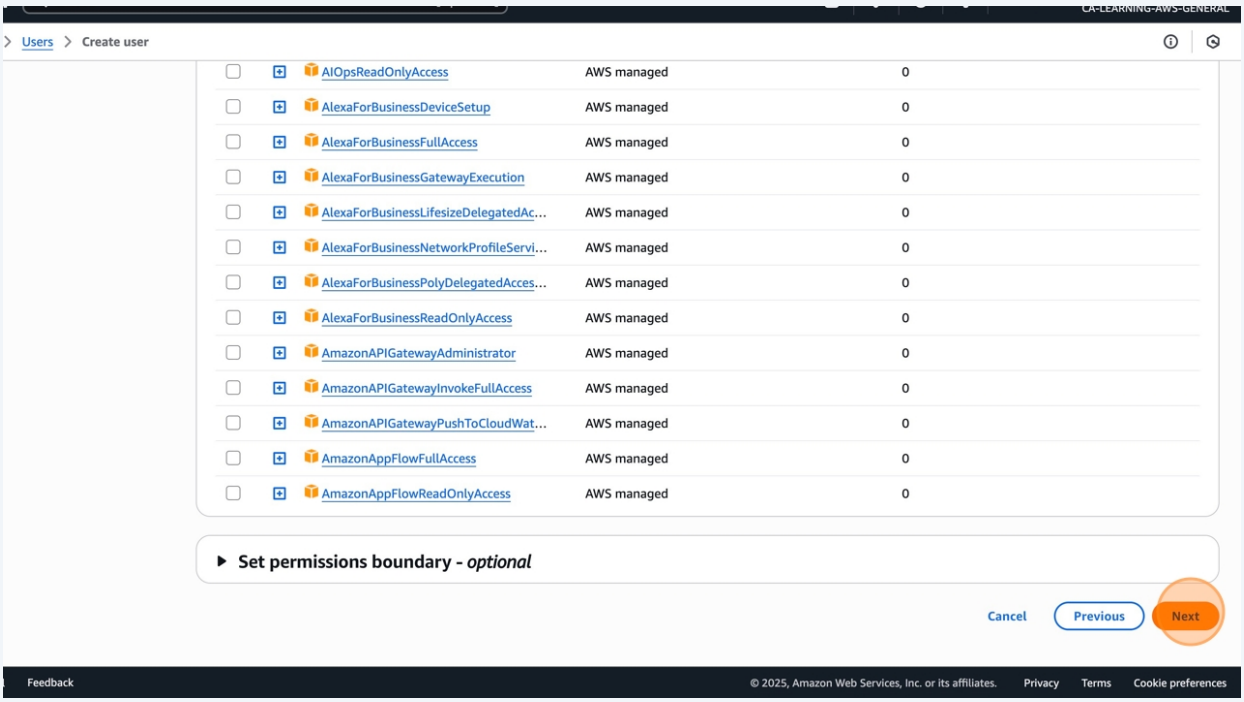
12 We will be attaching the permission policy directly so click this radio button with the option to do so..



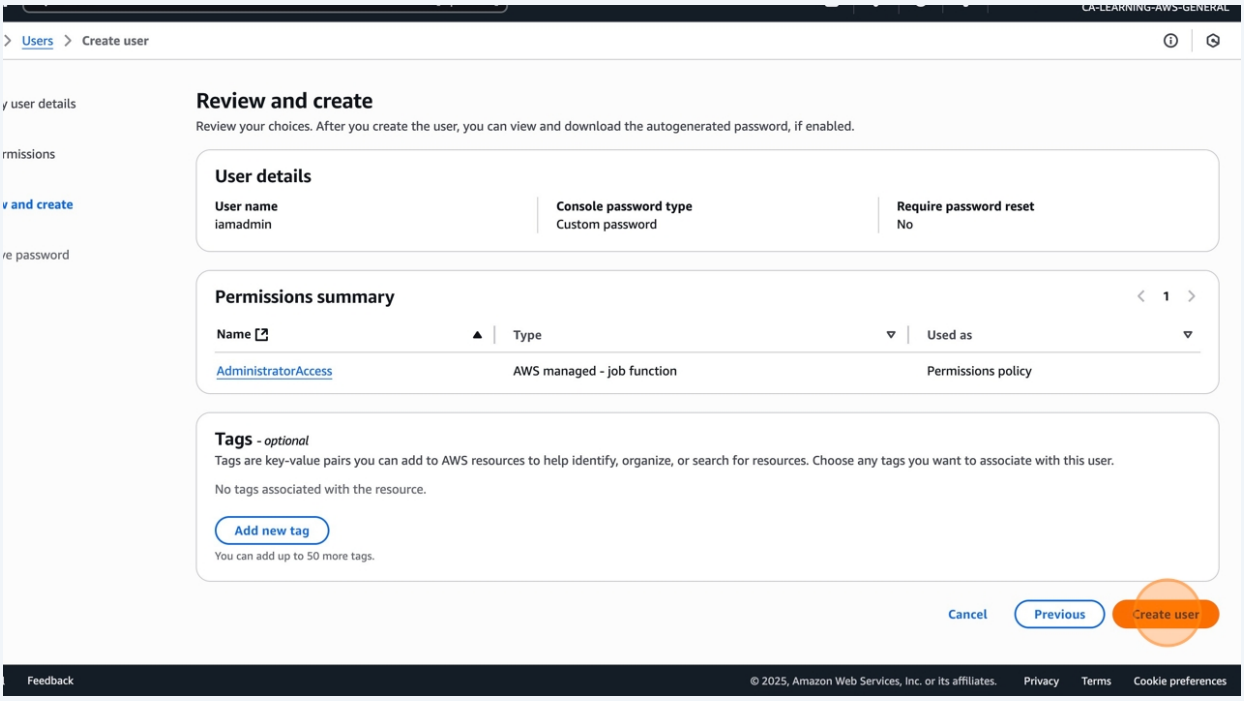
13 Choose the "AdministratorAccess" permission policy..



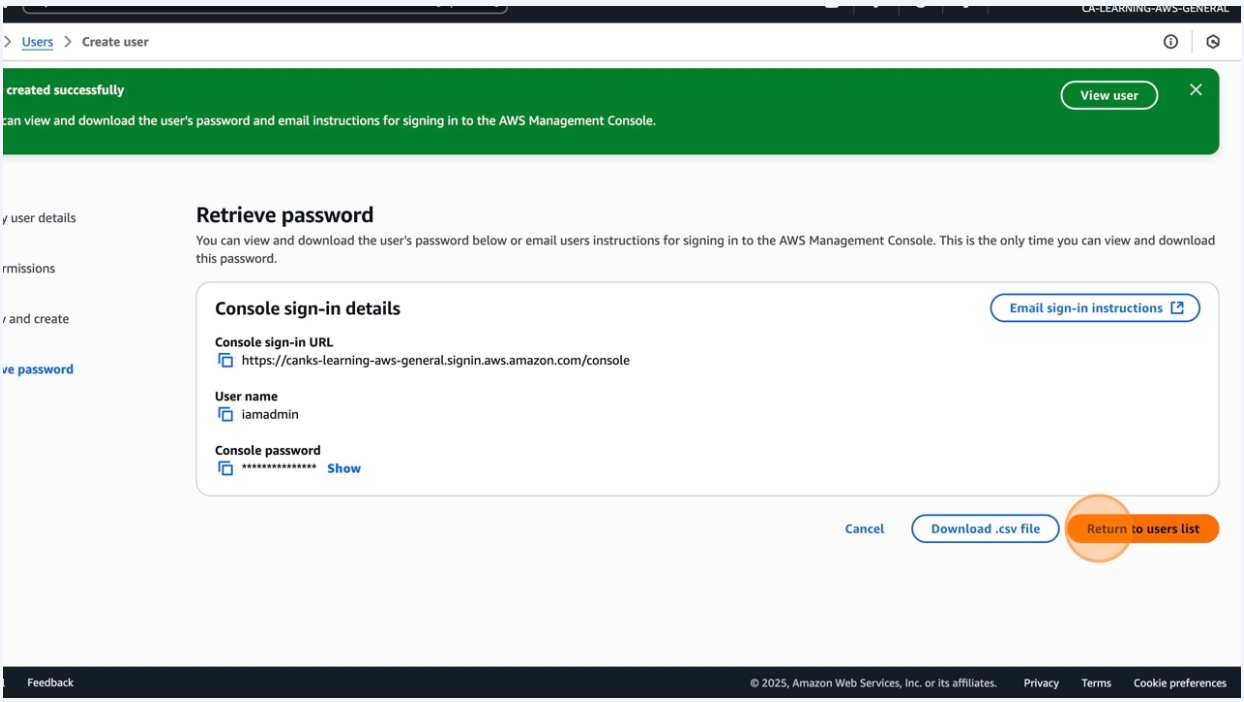
14 Click "Next"



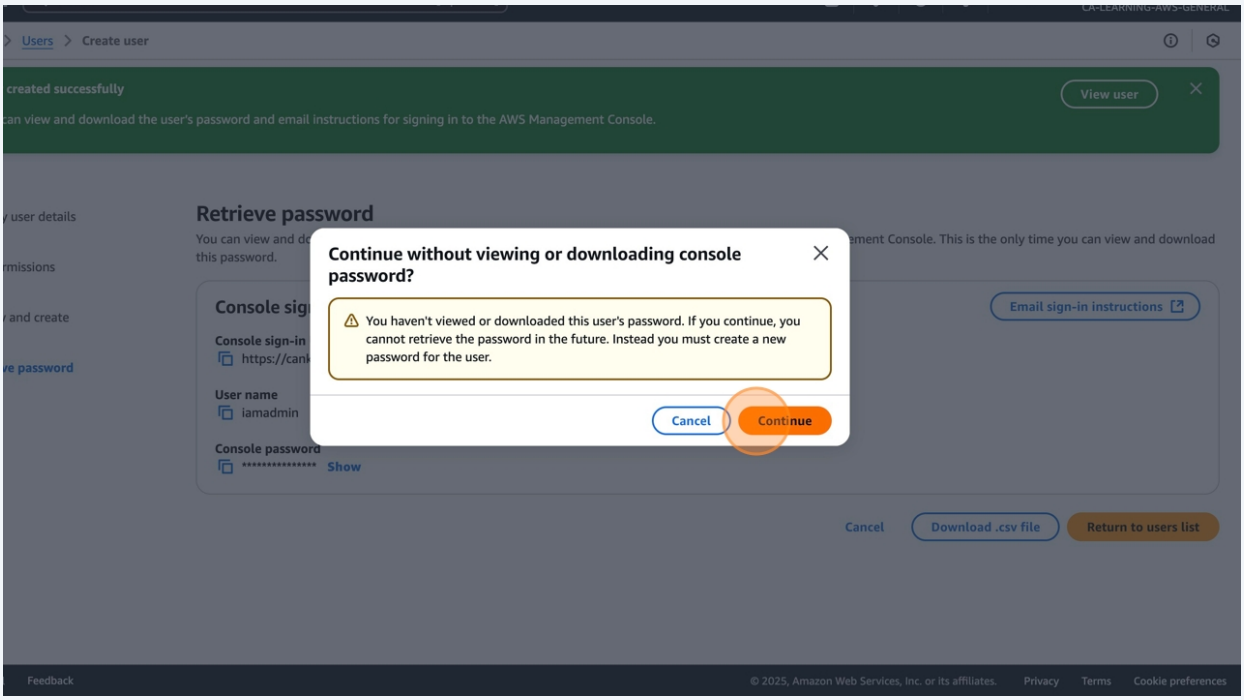
15 Click "Create user" to create the user.



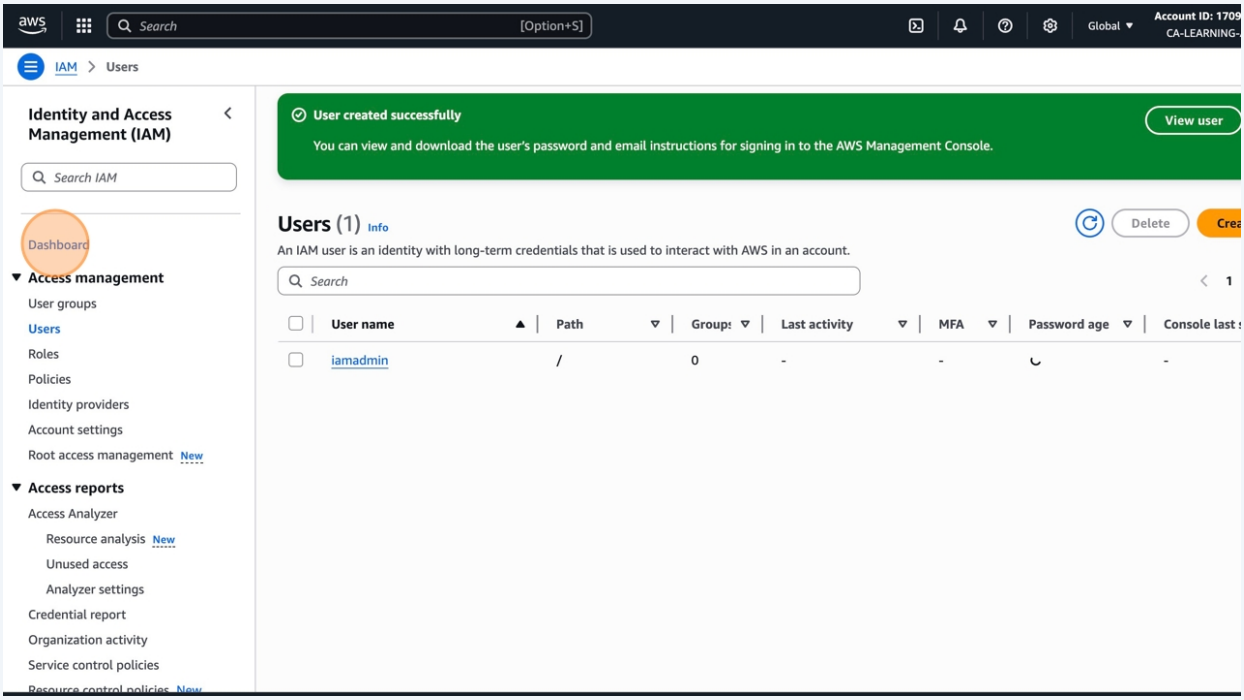
16 Click "Return to users list"



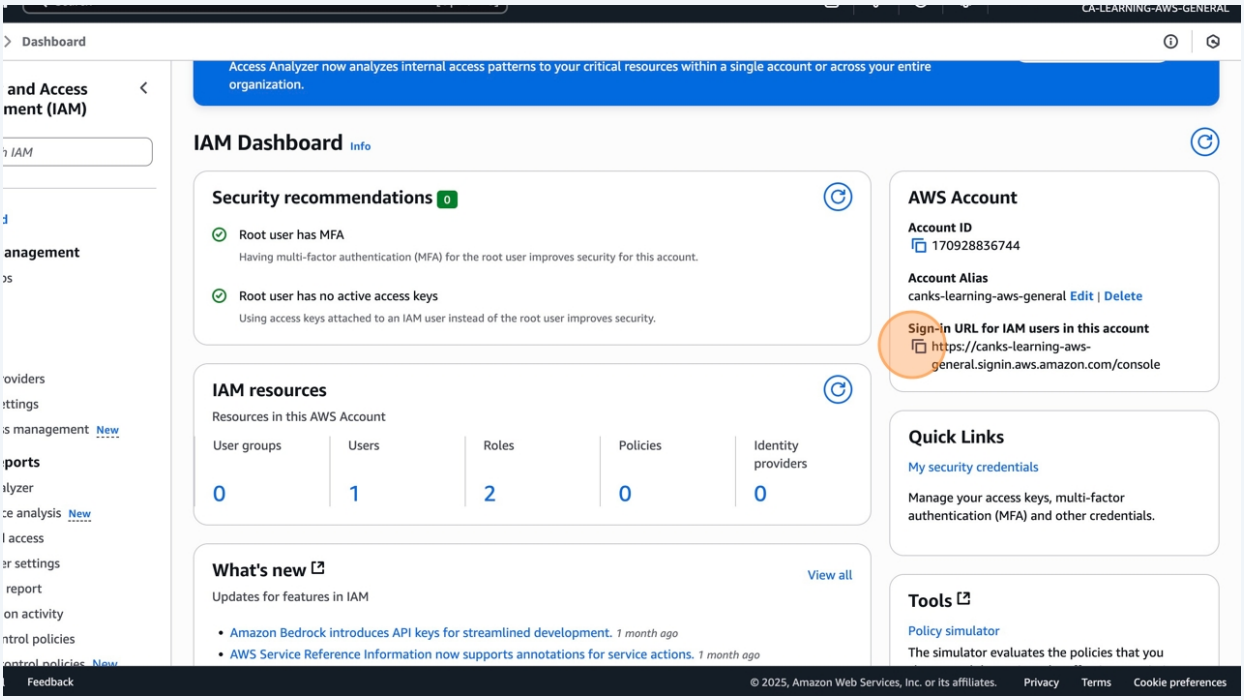
17 Click "Continue" to return to the Dashboard.



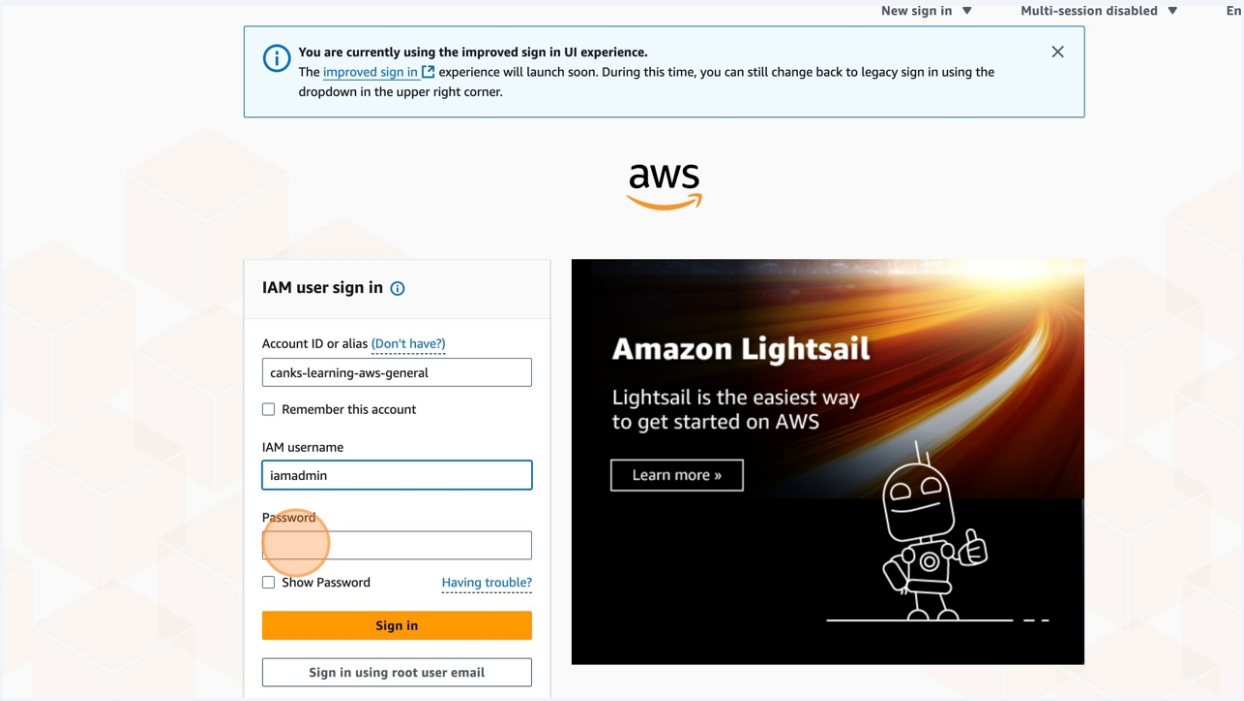
18 Click "Dashboard"



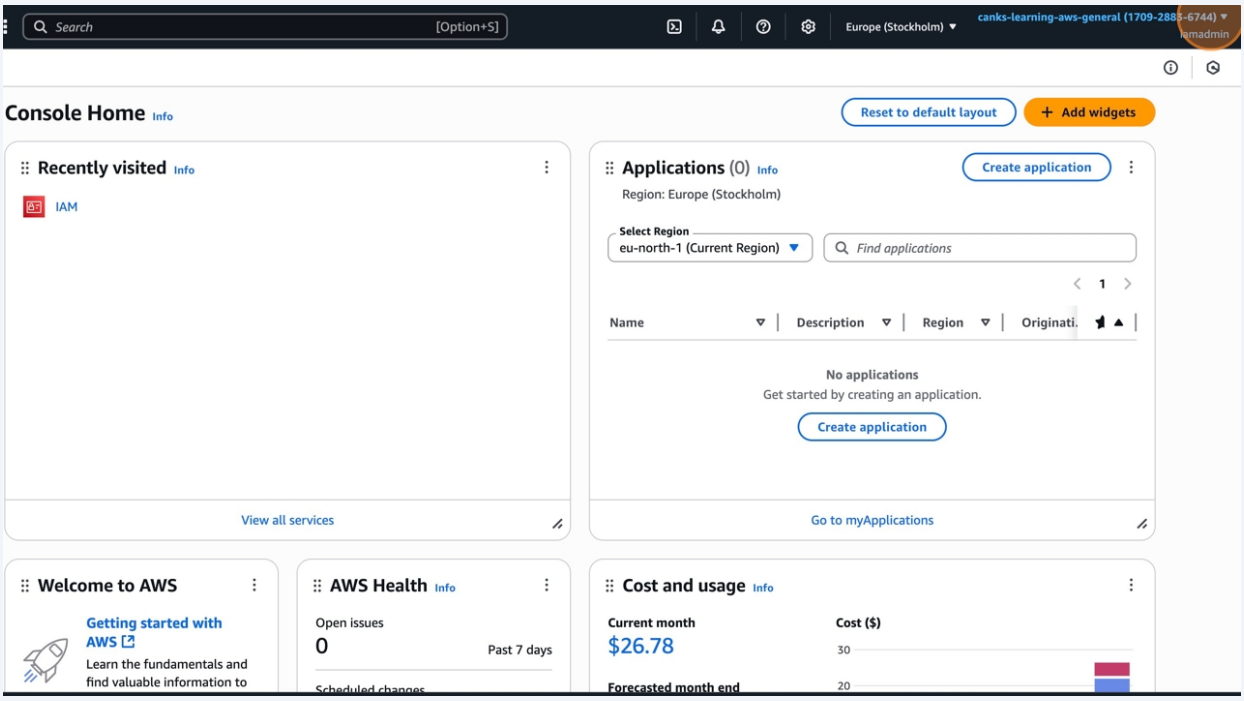
19 Copy the "Sign-in URL for IAM users" and paste in a new tab. NB: You will be signed out of your current tab.



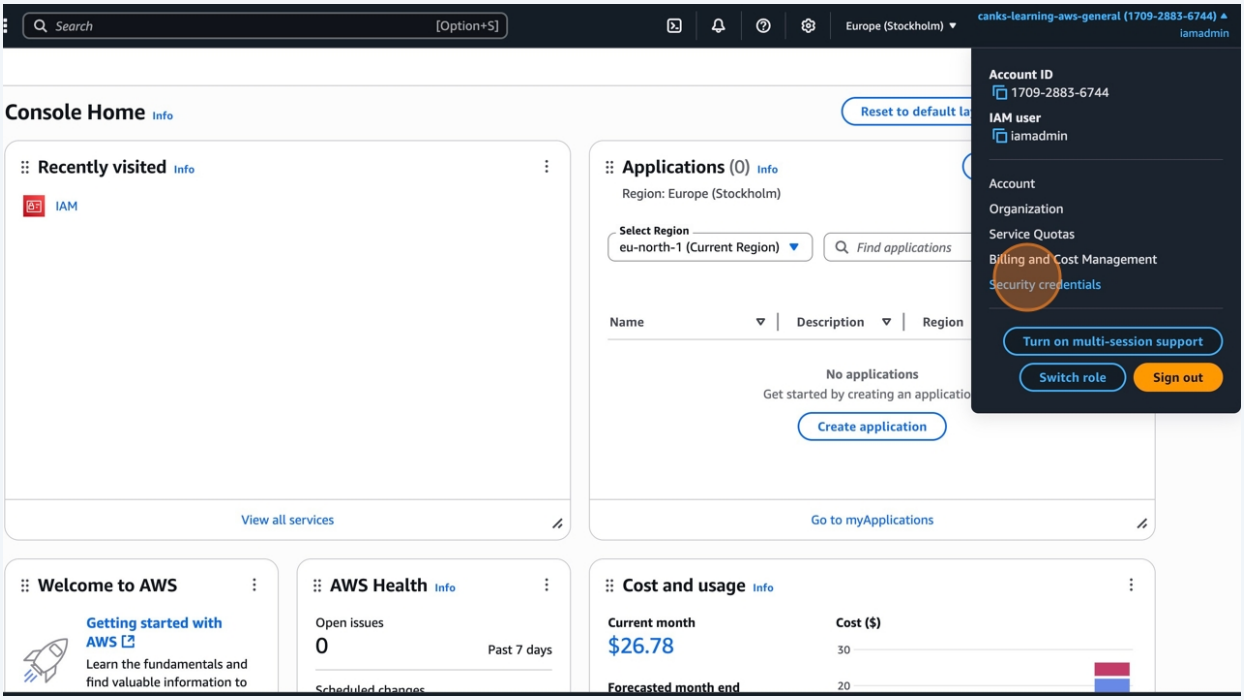
20 Fill in the the "IAM username" and "Password" fields and click "sign in".



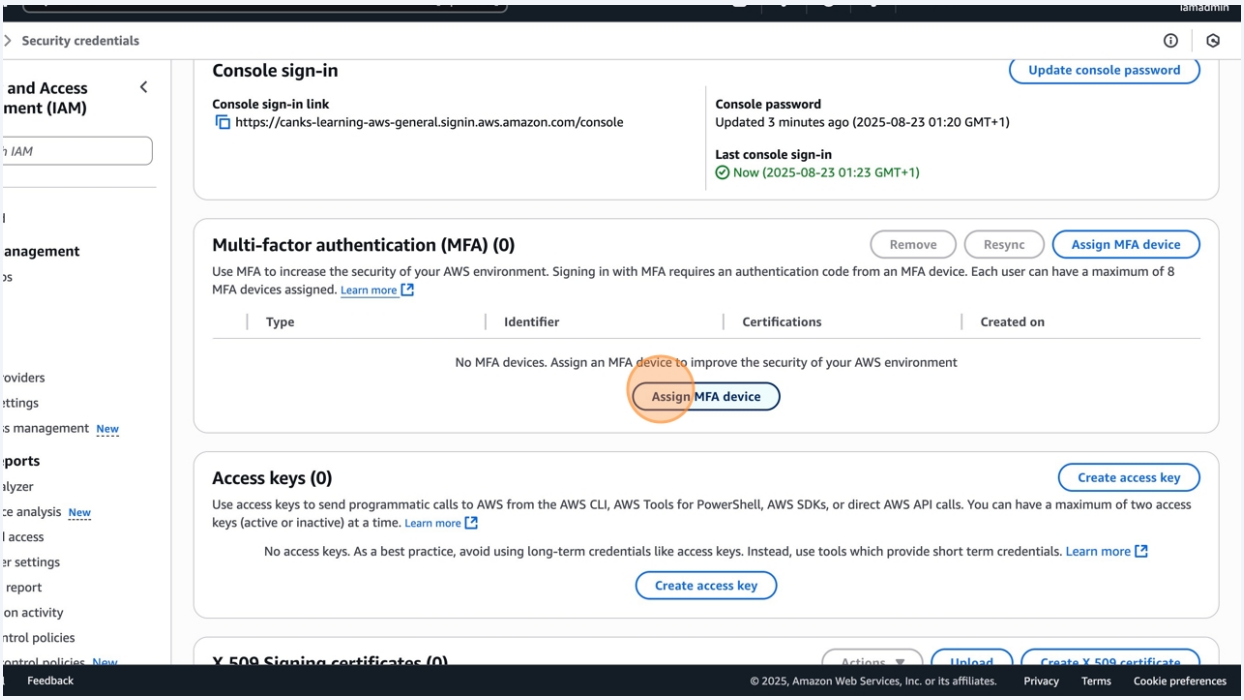
21 The next step is to secure the "iamadmin" account just like we did for the "root user" account. Click on the account dropdown.



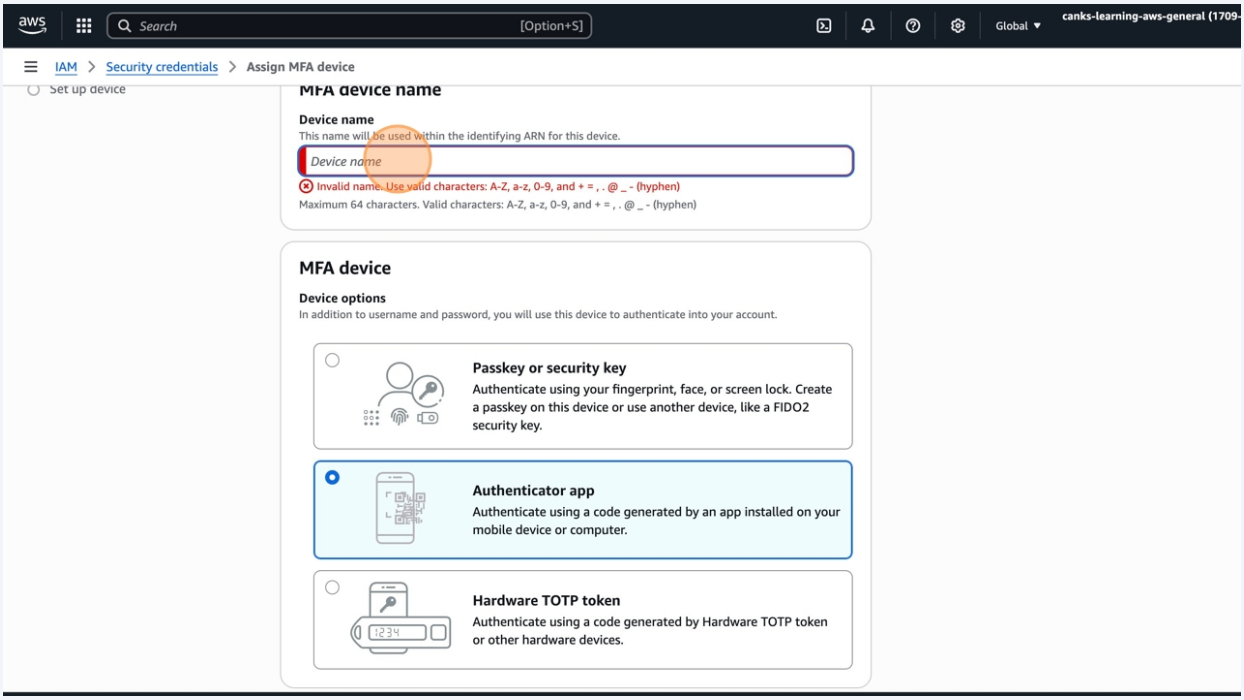
22 Click "Security credentials"



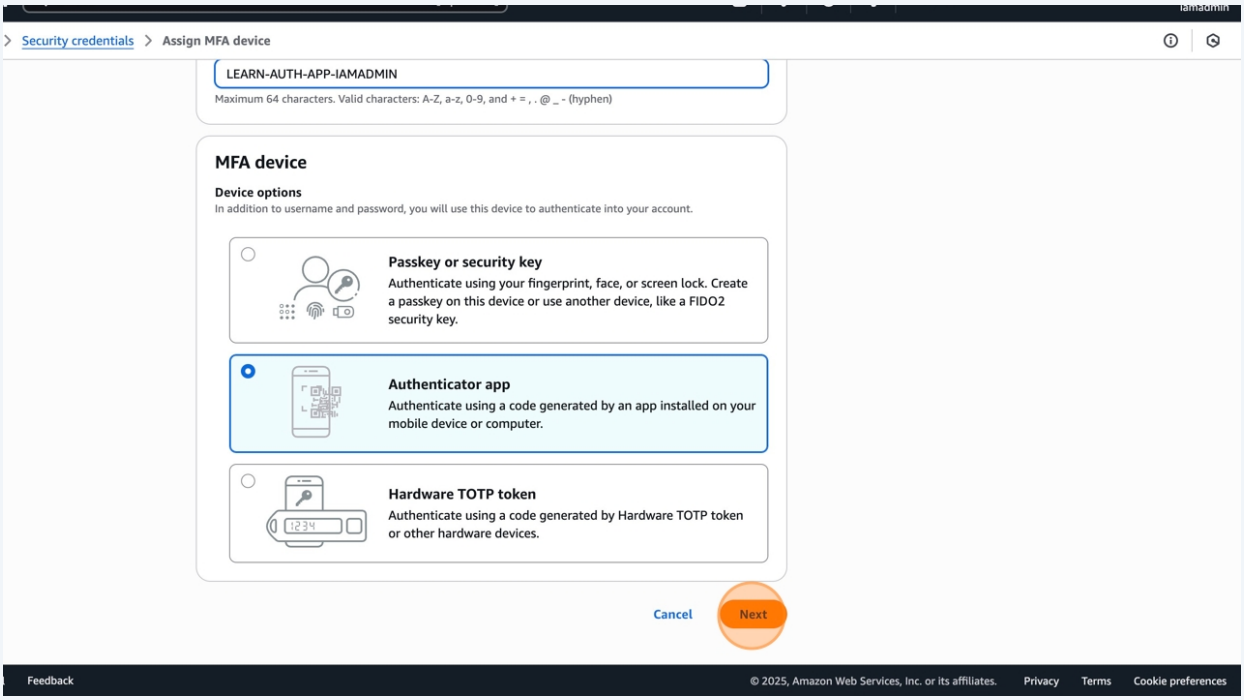
23 Click "Assign MFA device"



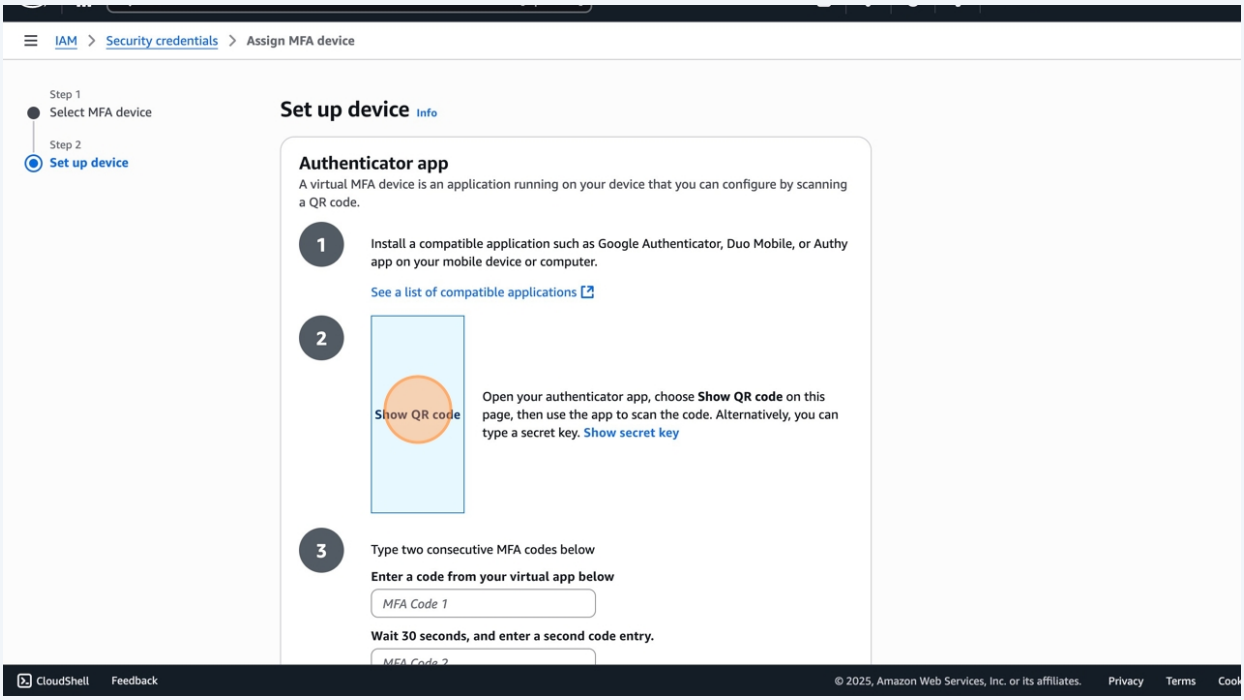
24 Click the "Device name" field and choose a name for your device. I chose "LEARN-AUTH-APP-IAMADMIN".



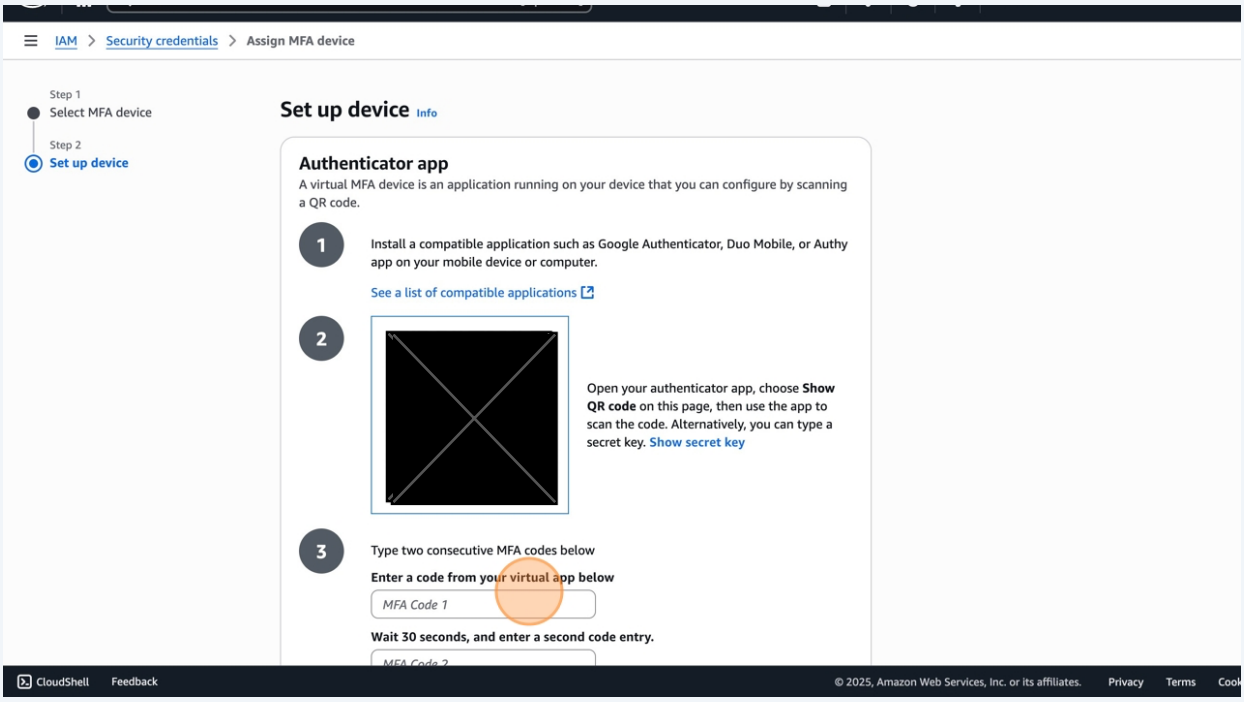
25 Select the "Authenticator app" option and click on "Next".



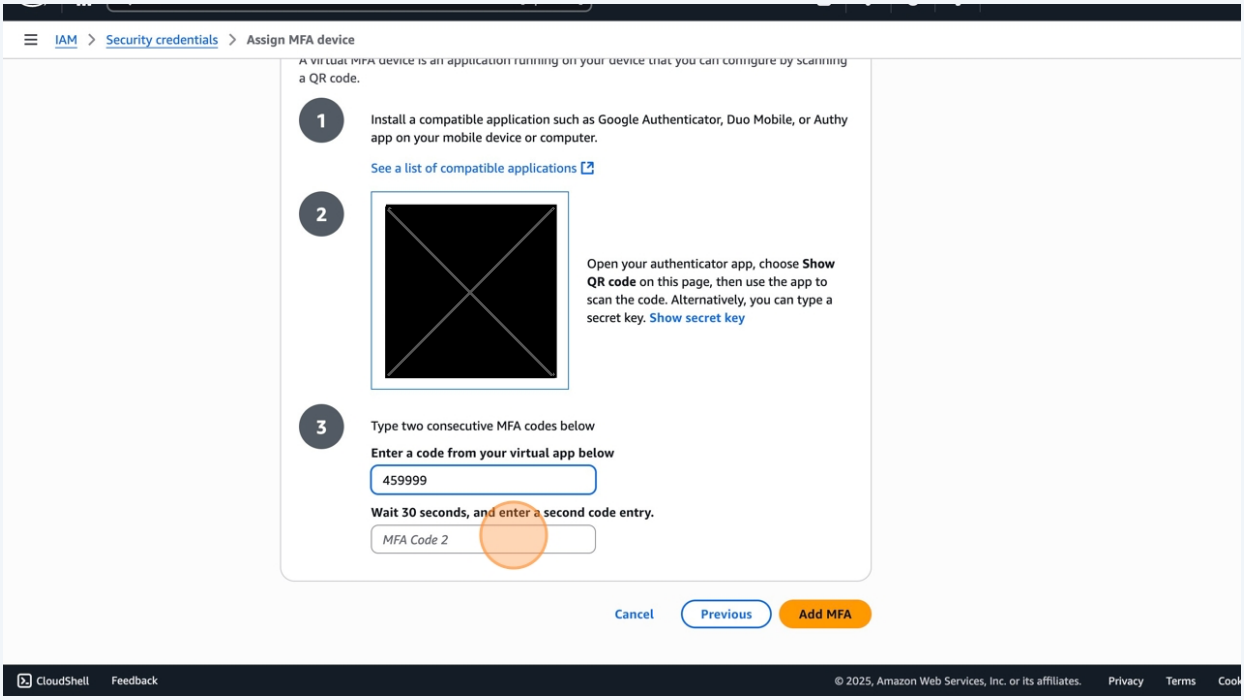
26 Click "Show QR code" and scan the code with your authenticator app and you will be presented with an MFA code that constantly changes. Typically about 30 seconds apart.



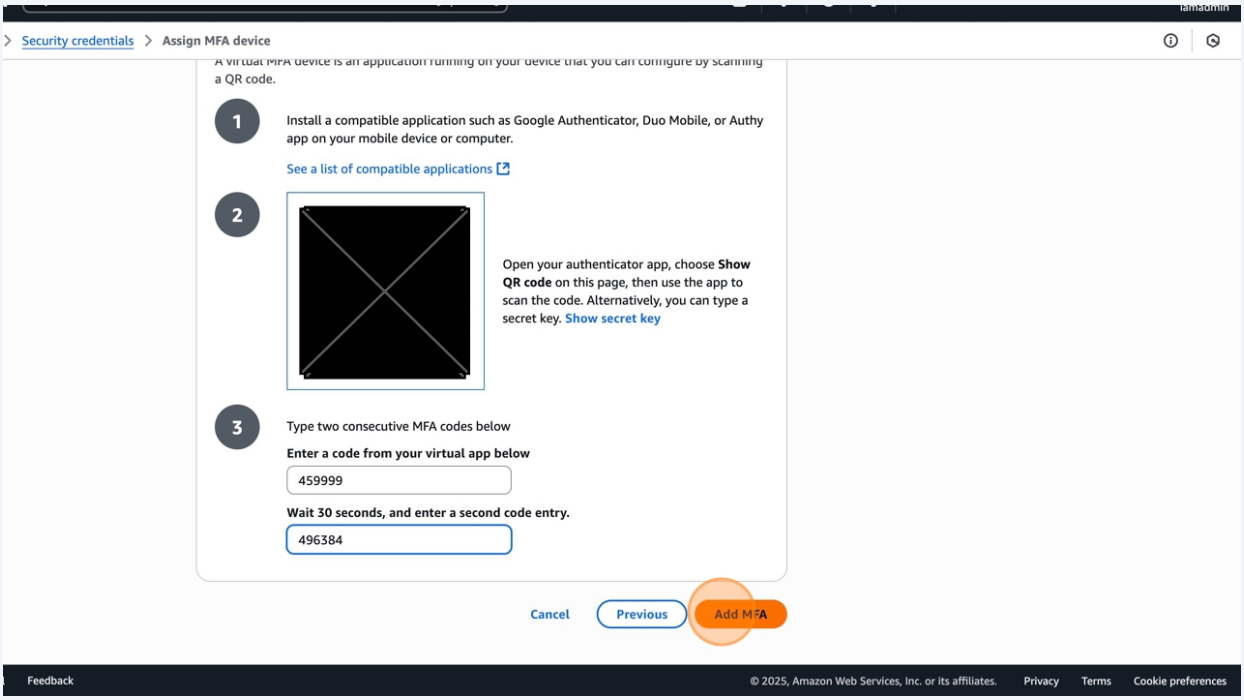
27 Click the "Enter a code from your virtual app below" field and enter the MFA code provided.



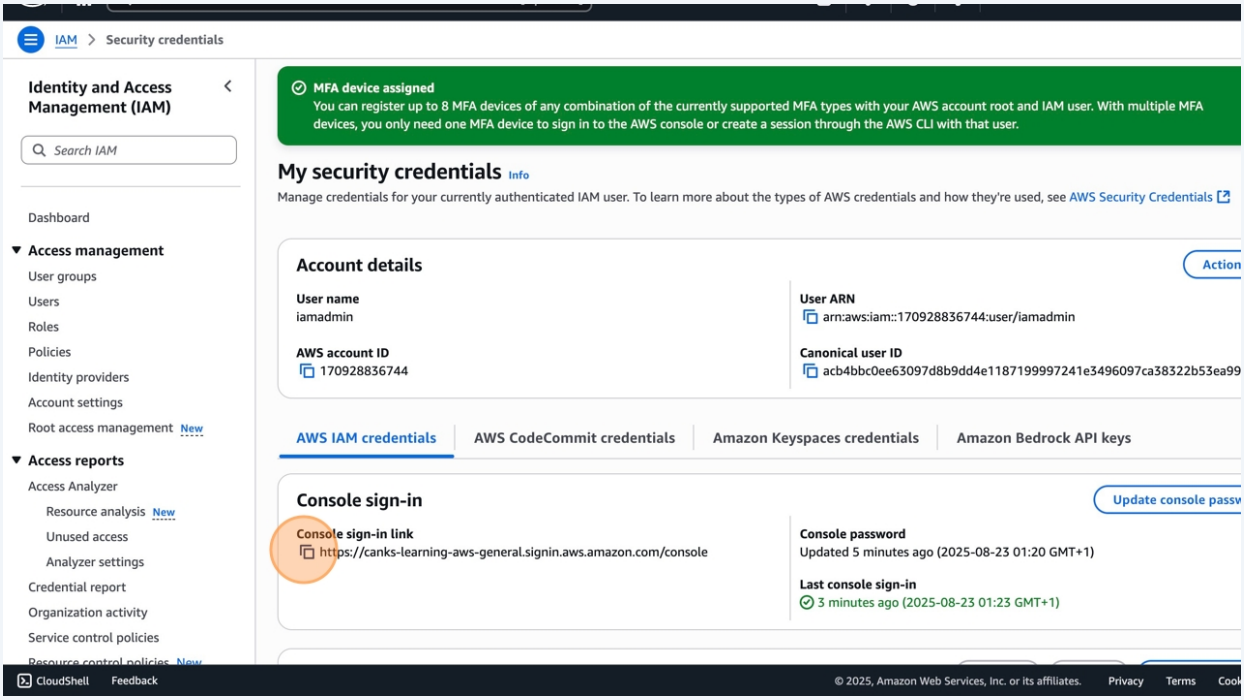
28 Click the "Wait 30 seconds, and enter a second code entry." field.



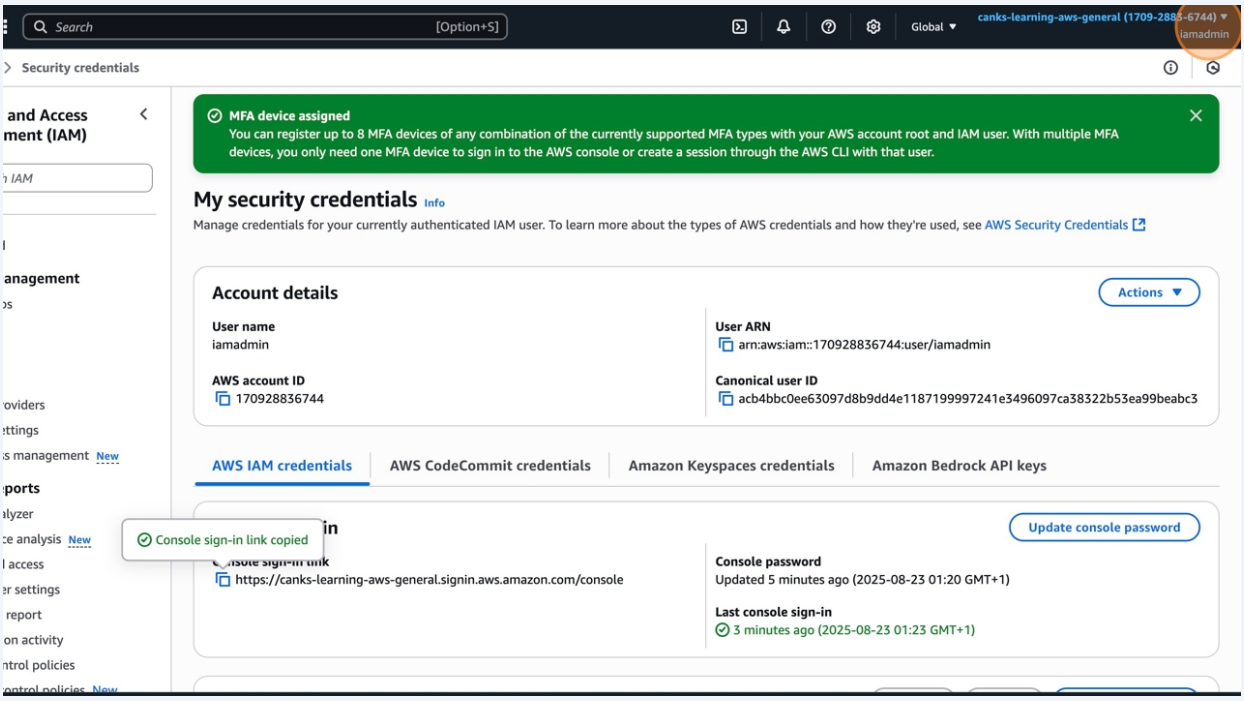
29 Click "Add MFA"



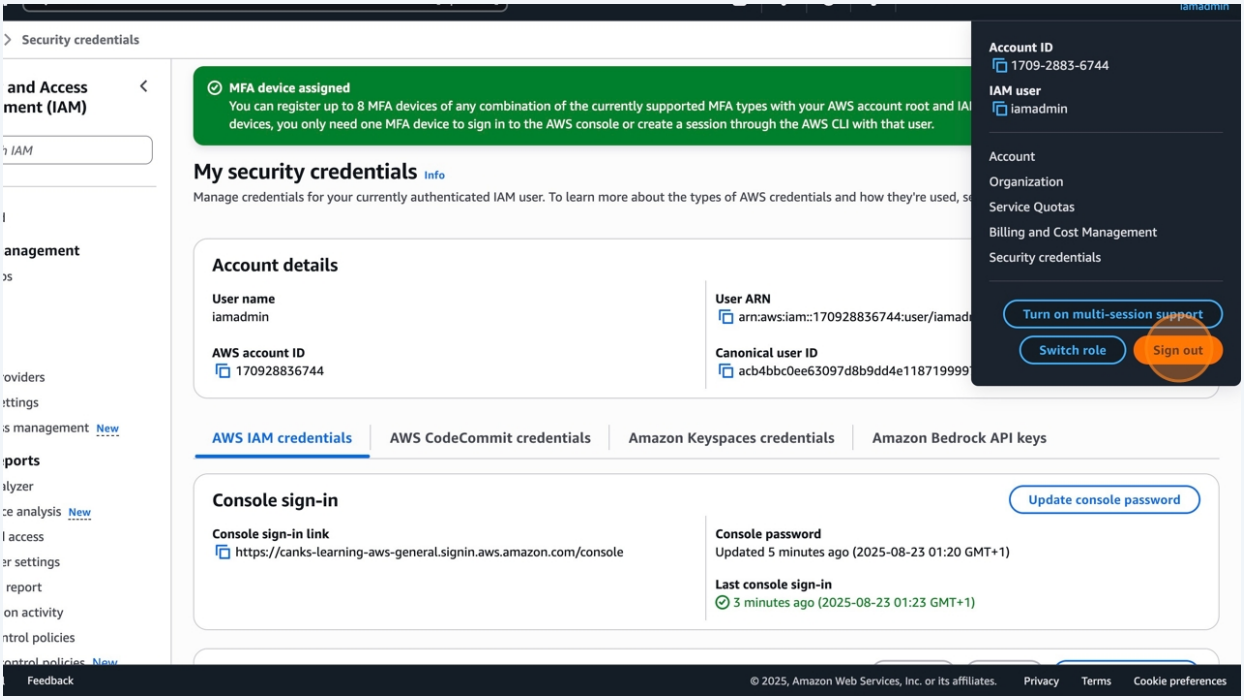
30 And that's it! Now Let's log out to test if the process has been completed. Click on the account dropdown. Copy the "Sign-in URL"



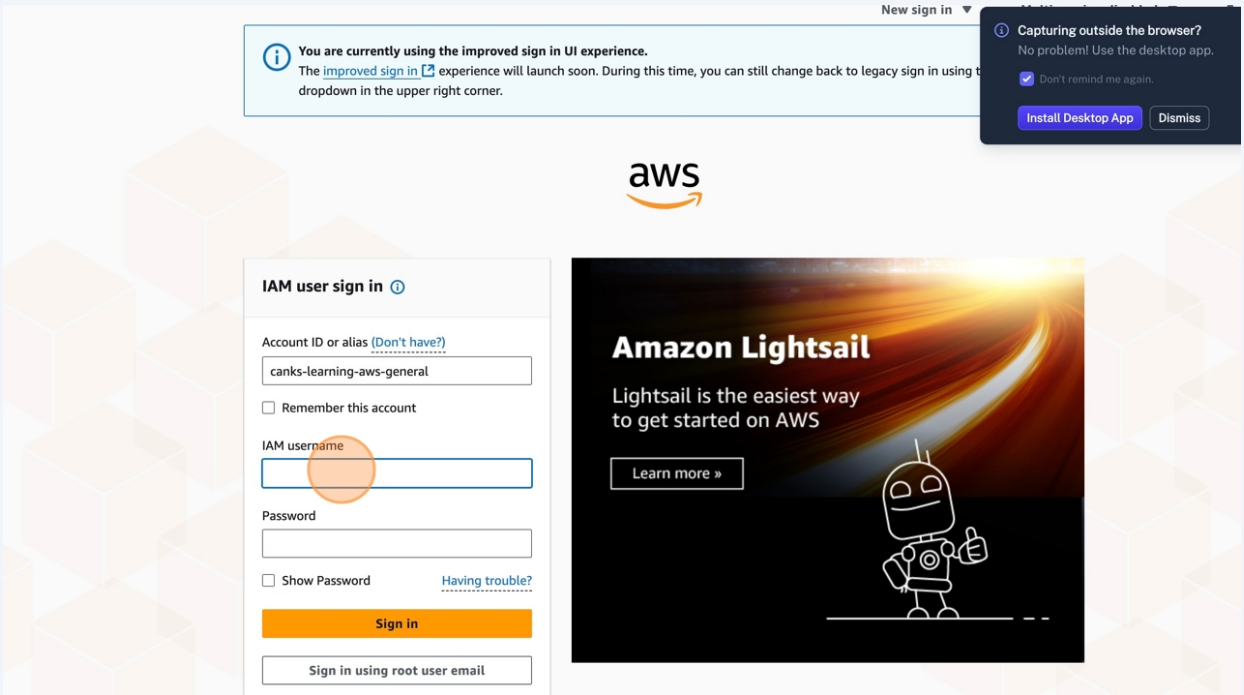
31 Click on the account dropdown.



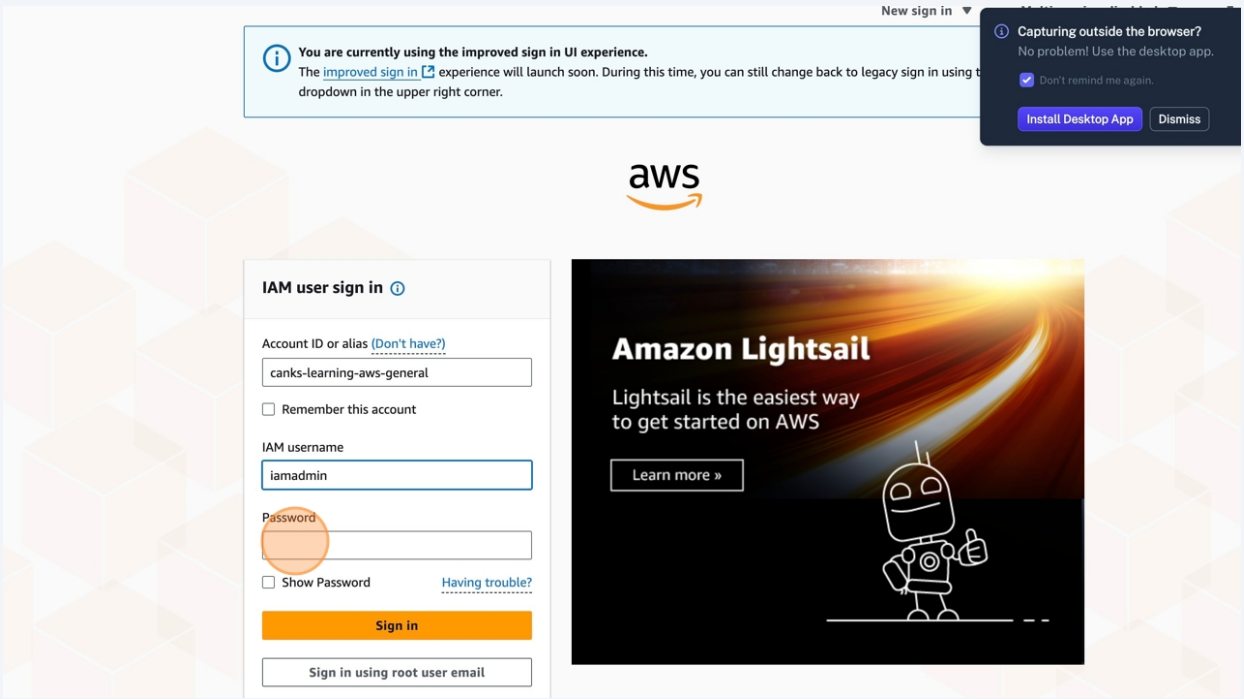
32 Click "Sign out"



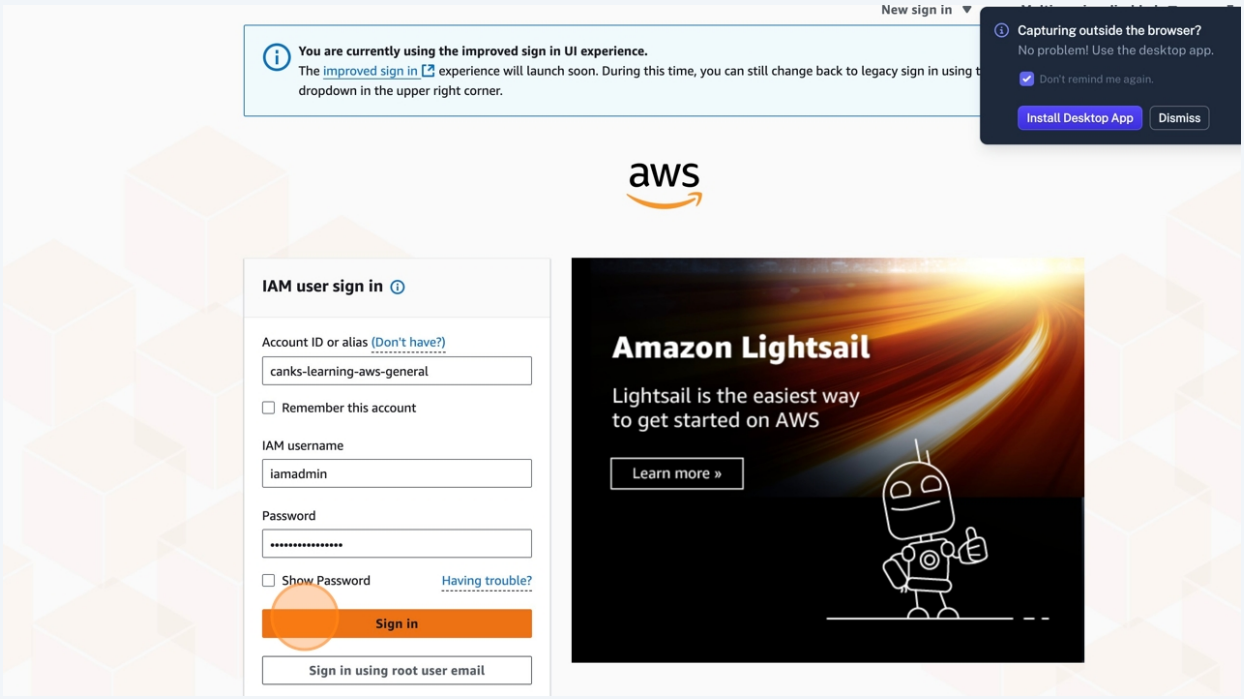
33 Navigate to a new tab and past the earlier copied "Sign-in URL".



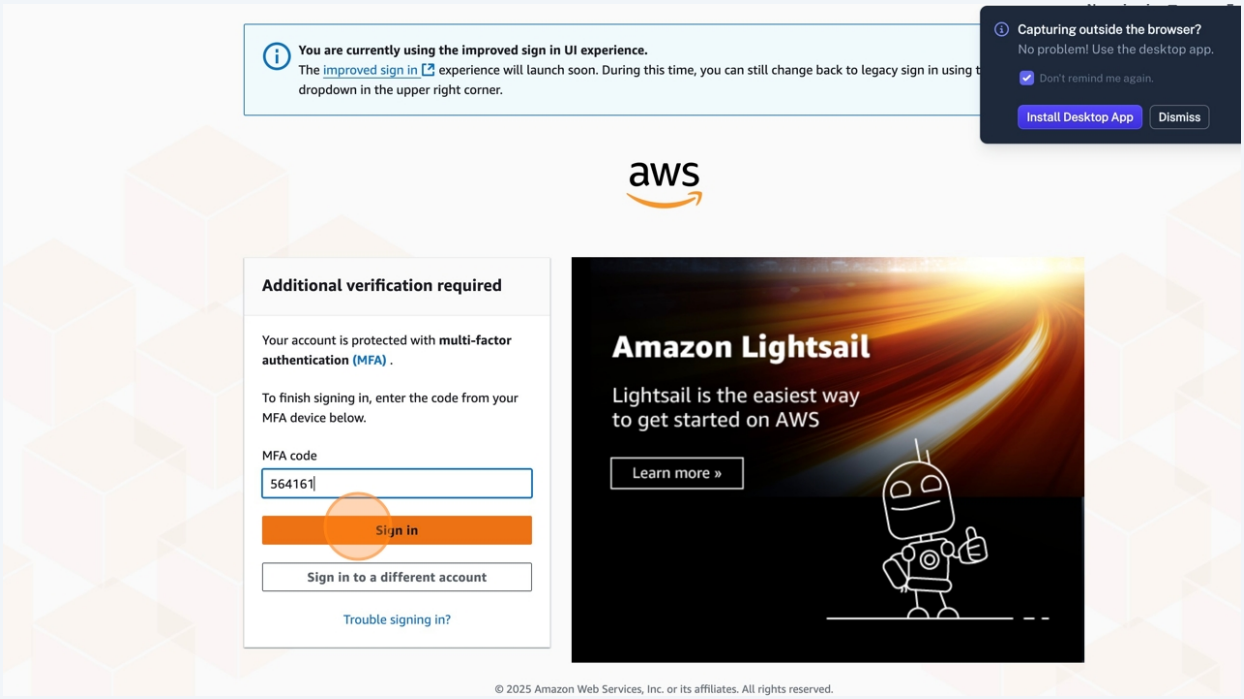
34 Fill in the "IAM username" and the "Password" field.



35 Click "Sign in"



36 You will be prompted to enter the MFA code for the MFA app. Enter the code and click "Sign in"..... If it works, You are done!



37 And...that's a wrap!