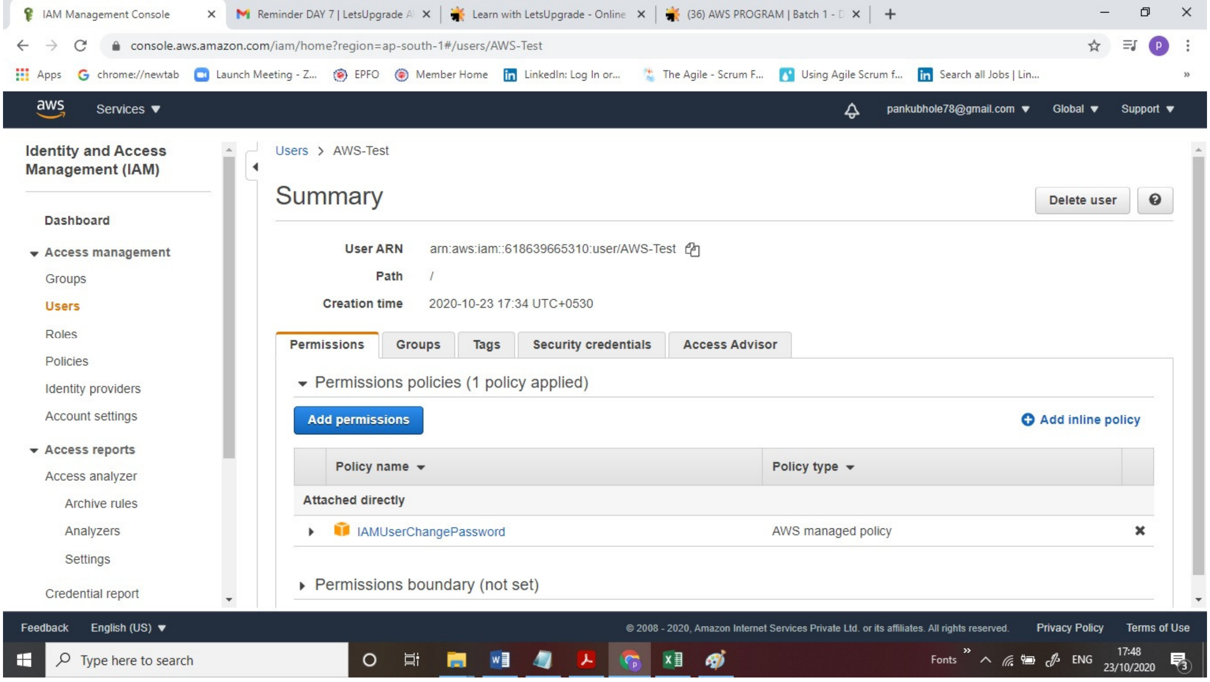
Project 2:
IAM

Task 1: Creating users without permissions-IAM password policy check.

Ss1: user summary with all tab information



Users > AWS-Test

Summary

User ARN	arn:aws:iam::618639665310:user/AWS-Test
Path	/
Creation time	2020-10-23 17:34 UTC+0530

Permissions | Groups | Tags | Security credentials | Access Advisor

Permissions policies (1 policy applied)

Policy name	Policy type
Attached directly	
IAMUserChangePassword	AWS managed policy

Permissions boundary (not set)

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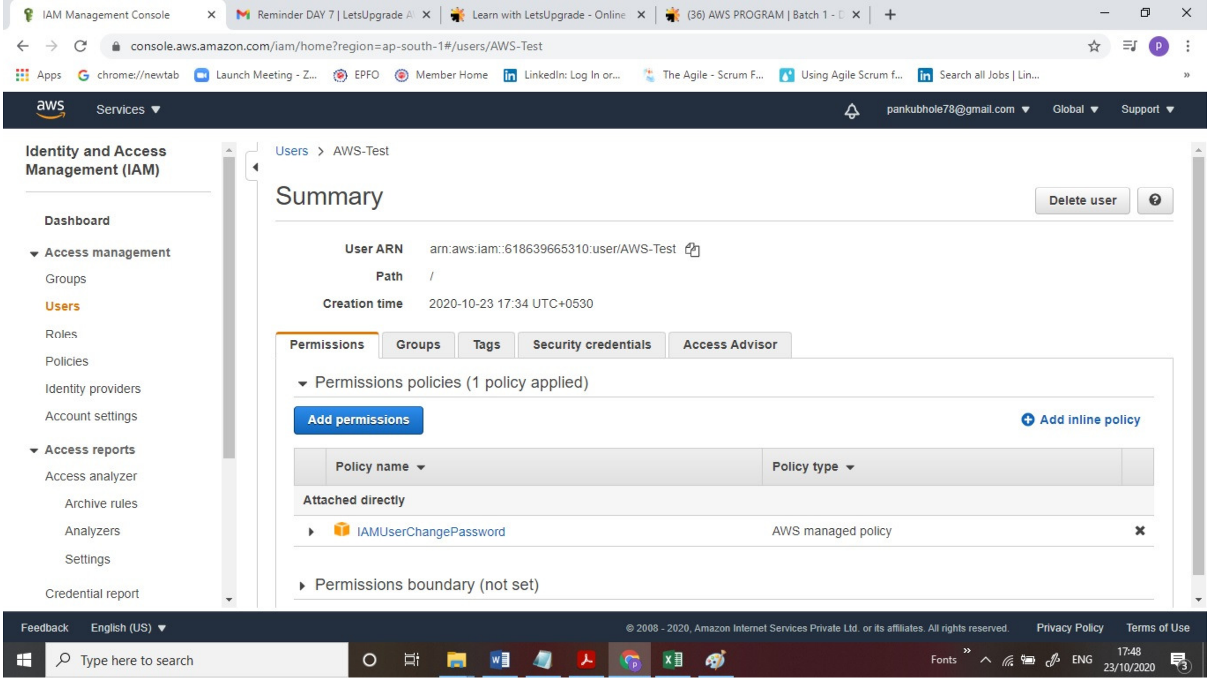
Task 2: Creating users without the IAM password policy.

Ss2: user summary with all tab information


Users > AWS-Test

Summary

User ARN	arn:aws:iam::618639665310:user/AWS-Test
Path	/
Creation time	2020-10-23 17:34 UTC+0530

Permissions | Groups | Tags | Security credentials | Access Advisor

Permissions policies (1 policy applied)

Policy name	Policy type
Attached directly	
IAMUserChangePassword	AWS managed policy

Permissions boundary (not set)

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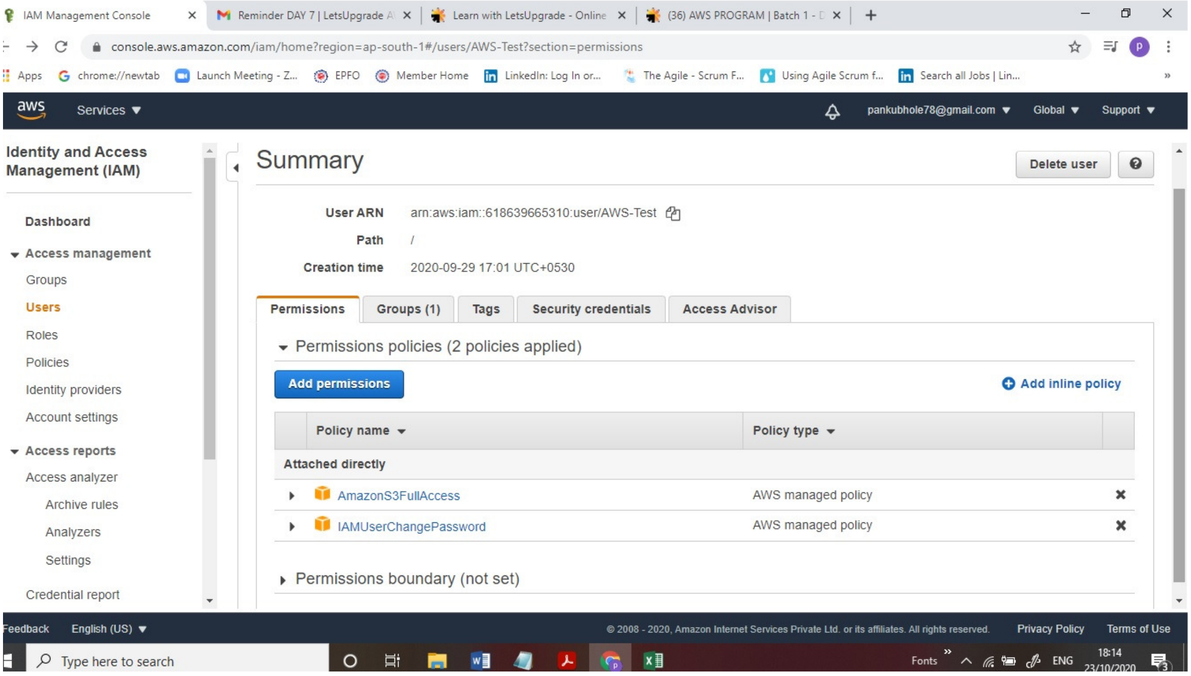
Task 3: Create a user with S3 full access.

Ss3: User summary



Summary

User ARN arn:aws:iam::618639665310:user/AWS-Test

Path /

Creation time 2020-09-29 17:01 UTC+0530

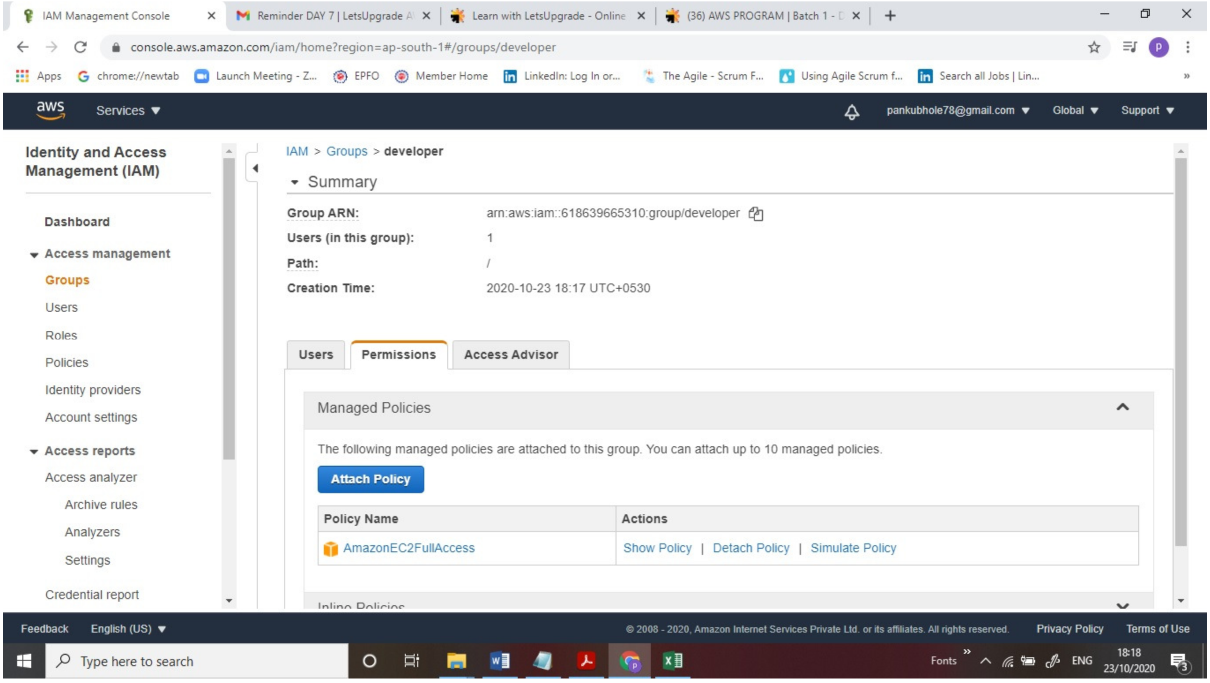
Permissions policies (2 policies applied)

Policy name	Policy type
Attached directly	
AmazonS3FullAccess	AWS managed policy
IAMUserChangePassword	AWS managed policy

Permissions boundary (not set)

Task4: Create a group with ec2 full access.

Ss4: group summary



Summary

Group ARN: arn:aws:iam::618639665310:group/developer

Users (in this group): 1

Path: /

Creation Time: 2020-10-23 18:17 UTC+0530

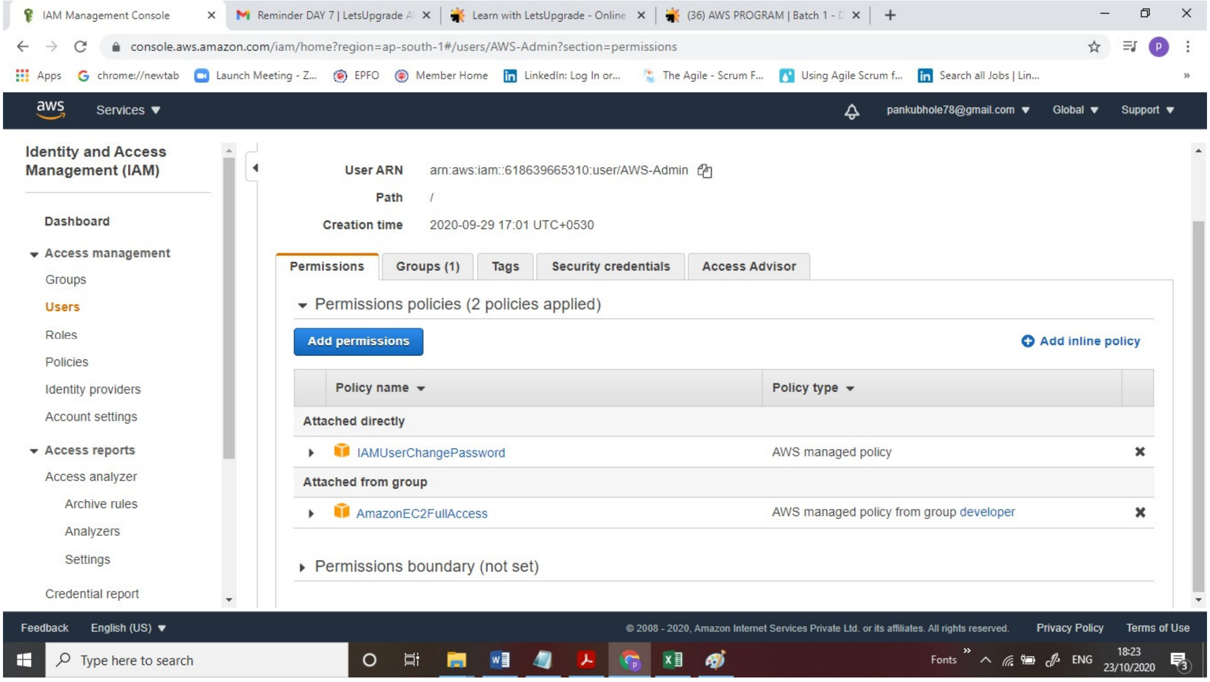
Managed Policies

The following managed policies are attached to this group. You can attach up to 10 managed policies.

Policy Name	Actions
AmazonEC2FullAccess	Show Policy | Detach Policy | Simulate Policy

Task 5: Add user to a group and check if user policy and the group policy is reflecting on the user.

Ss5: user summary with permissions



User ARN arn:aws:iam::618639665310:user/AWS-Admin

Path /

Creation time 2020-09-29 17:01 UTC+0530

Permissions policies (2 policies applied)

Policy name	Policy type
Attached directly	
IAMUserChangePassword	AWS managed policy
Attached from group	
AmazonEC2FullAccess	AWS managed policy from group developer

Permissions boundary (not set)

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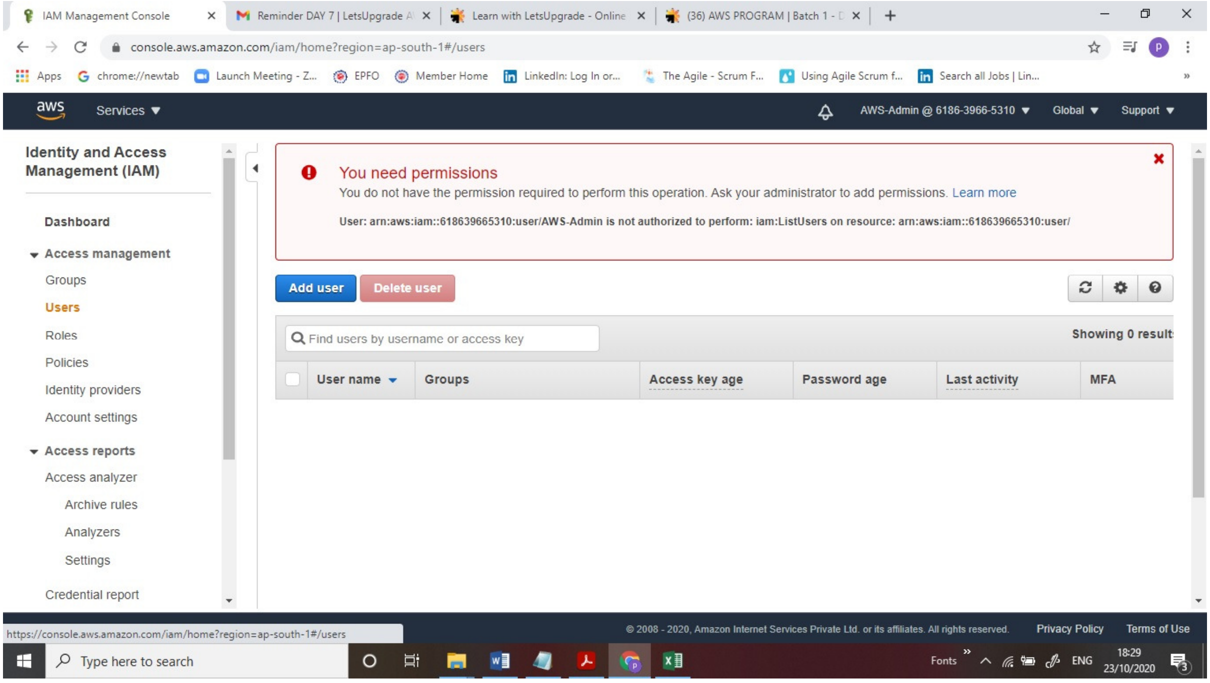
Ss6: login as this user show that this policy is in effect


IAM Management Console
Reminder DAY 7 | LetsUpgrade
Learn with LetsUpgrade - Online
(36) AWS PROGRAM | Batch 1
console.aws.amazon.com/iam/home?region=ap-south-1#/users
Services
AWS-Admin @ 6186-3966-5310
Global
Support
Identity and Access Management (IAM)
Dashboard
Access management
Groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access analyzer
Archive rules
Analyzers
Settings
Credential report
Add user
Delete user
Find users by username or access key
https://console.aws.amazon.com/iam/home?region=ap-south-1#/users
Privacy Policy
Terms of Use
Type here to search
18:29
23/10/2020

You need permissions

You do not have the permission required to perform this operation. Ask your administrator to add permissions. Learn more

User: arn:aws:iam::618639665310:user/AWS-Admin is not authorized to perform: iam:ListUsers on resource: arn:aws:iam::618639665310:user/

Showing 0 result

User name	Groups	Access key age	Password age	Last activity	MFA

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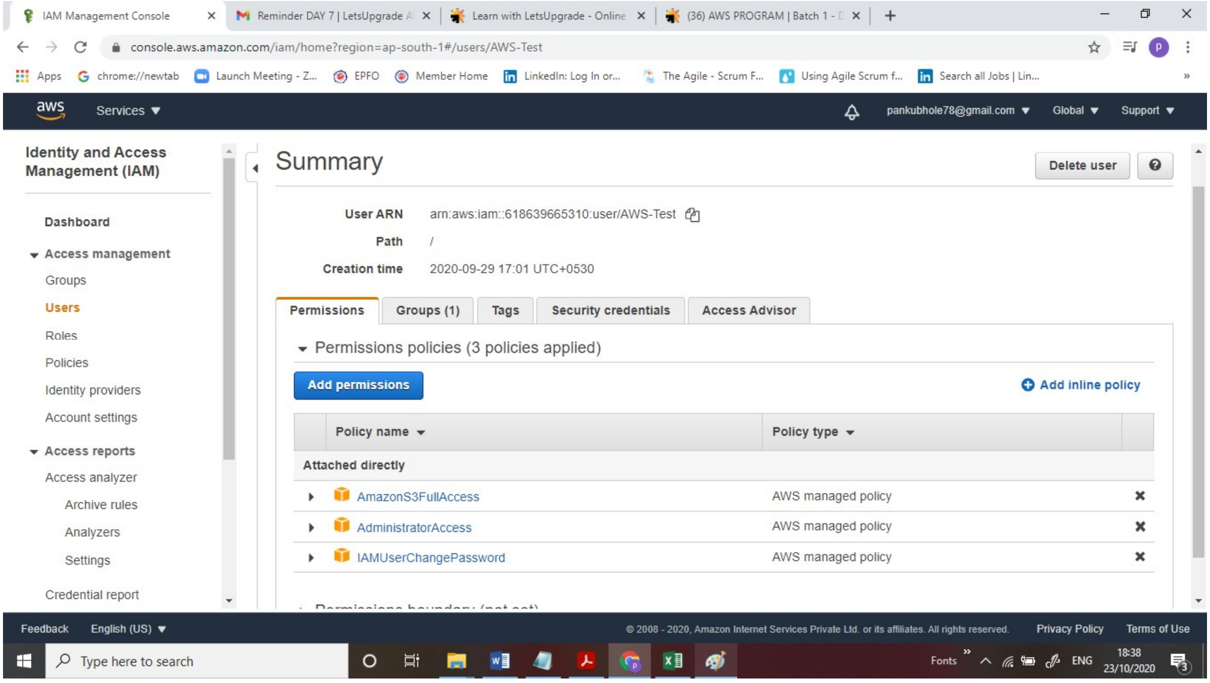
Task 6: Copy policies from the existing user.

Ss7: attach user summary of the user from which you create a new user.



console.aws.amazon.com/iam/home?region=ap-south-1#/users/AWS-Test

Summary

User ARN	arn:aws:iam::618639665310:user/AWS-Test
Path	/
Creation time	2020-09-29 17:01 UTC+0530

Permissions policies (3 policies applied)

Policy name	Policy type
Attached directly	
AmazonS3FullAccess	AWS managed policy
AdministratorAccess	AWS managed policy
IAMUserChangePassword	AWS managed policy

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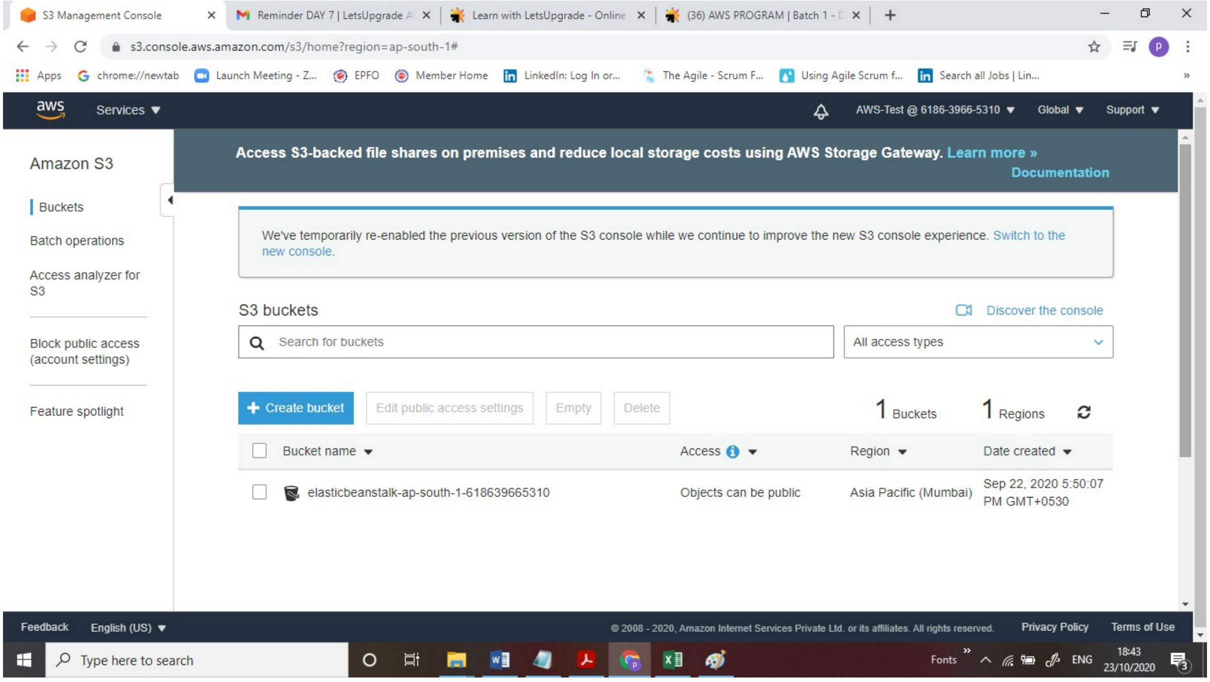
18:38 23/10/2020

Ss8: login as this user show that this policy is in effect.



s3.console.aws.amazon.com/s3/home?region=ap-south-1#

Access S3-backed file shares on premises and reduce local storage costs using AWS Storage Gateway. Learn more »

We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. Switch to the new console.

S3 buckets

1 Buckets 1 Regions

Bucket name	Access	Region	Date created
elasticbeanstalk-ap-south-1-618639665310	Objects can be public	Asia Pacific (Mumbai)	Sep 22, 2020 5:50:07 PM GMT+0530

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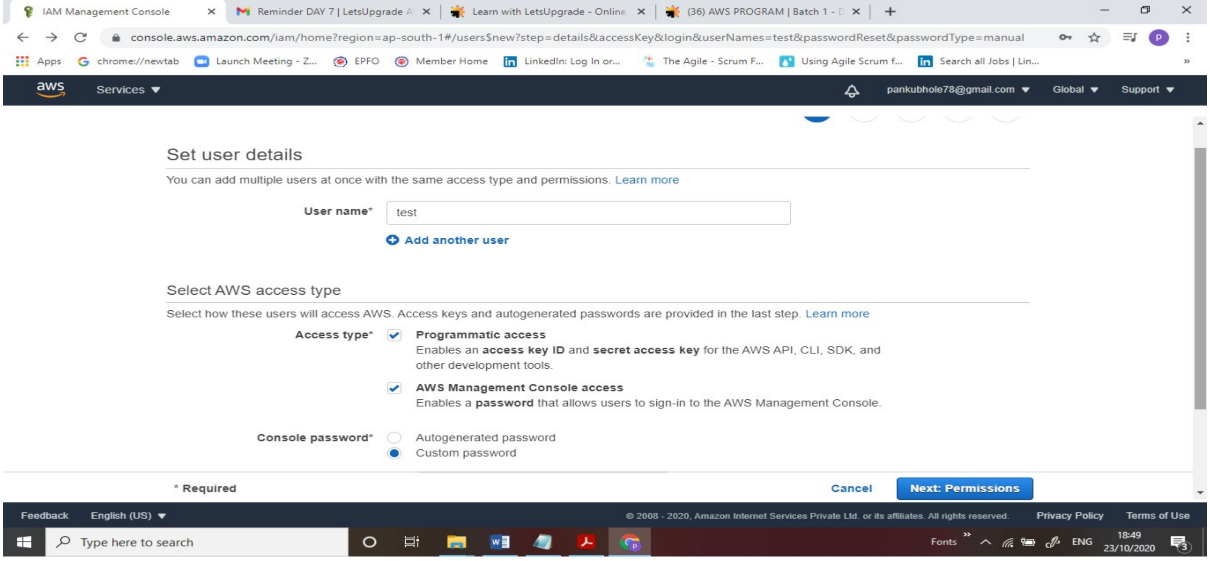
18:43 23/10/2020

Task 7: Add user to a group in the process of creating a user.



IAM Management Console
Reminder DAY 7 | LetsUpgrade
Learn with LetsUpgrade - Online
(36) AWS PROGRAM | Batch 1
console.aws.amazon.com/iam/home?region=ap-south-1#/users$new?step=details&accessKey&login&userNames=test&passwordReset&passwordType=manual
Apps
chrome://newtab
Launch Meeting - Z...
EPFO
Member Home
LinkedIn: Log In or...
The Agile - Scrum F...
Using Agile Scrum f...
Search all Jobs | Lin...
aws
Services ▼
pankubhole78@gmail.com ▼
Global ▼
Support ▼

Set user details

You can add multiple users at once with the same access type and permissions. Learn more

User name* test

Add another user

Select AWS access type

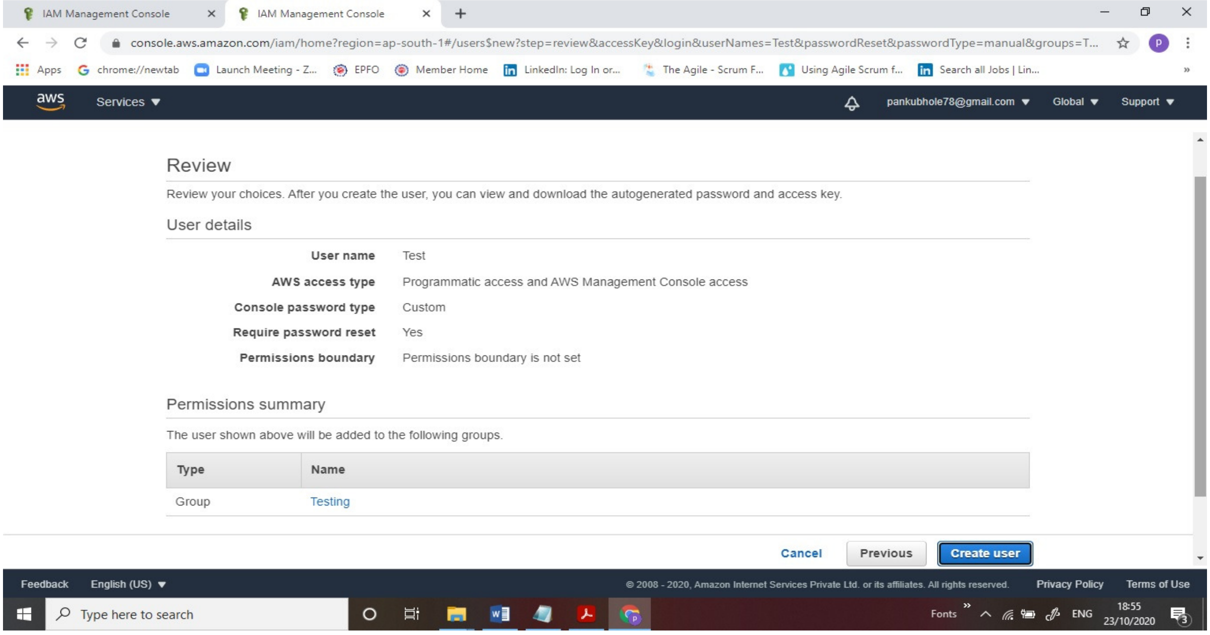
Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. Learn more

Access type* ☑ Programmatic access
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

☑ AWS Management Console access
Enables a **password** that allows users to sign-in to the AWS Management Console.

Console password* ○ Autogenerated password
● Custom password

* Required



Review

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

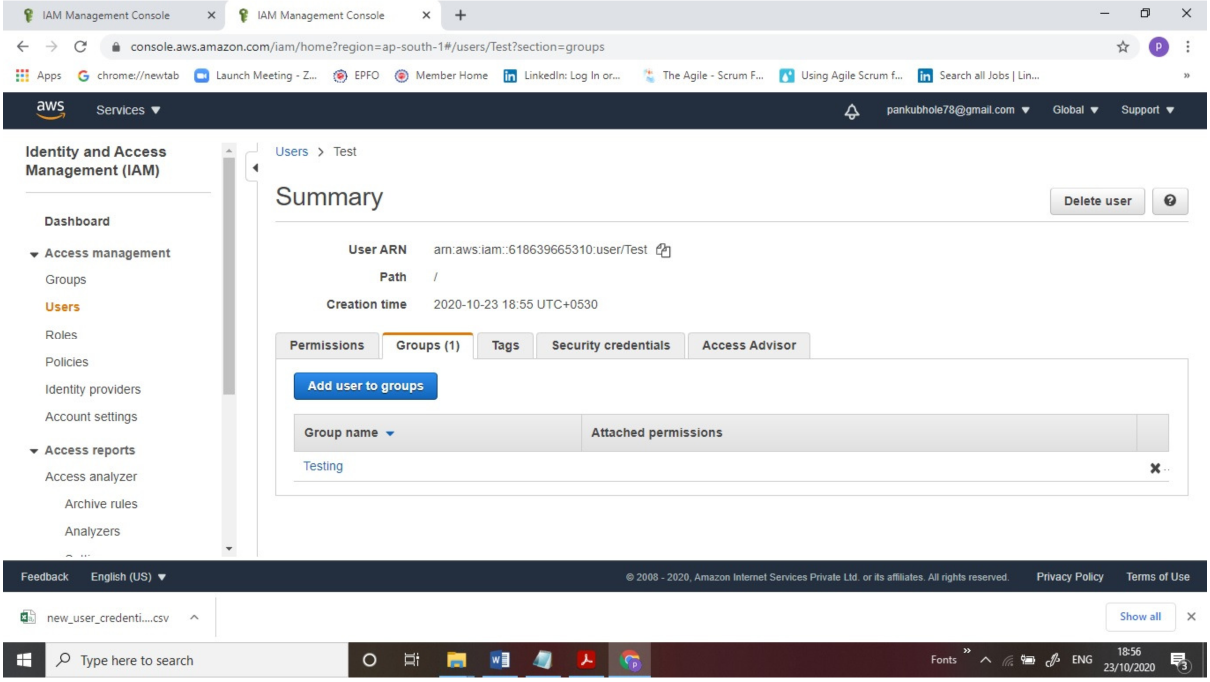
User details

User name	Test
AWS access type	Programmatic access and AWS Management Console access
Console password type	Custom
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

Permissions summary

The user shown above will be added to the following groups.

Type	Name
Group	Testing



Summary

User ARN arn:aws:iam::618639665310:user/Test

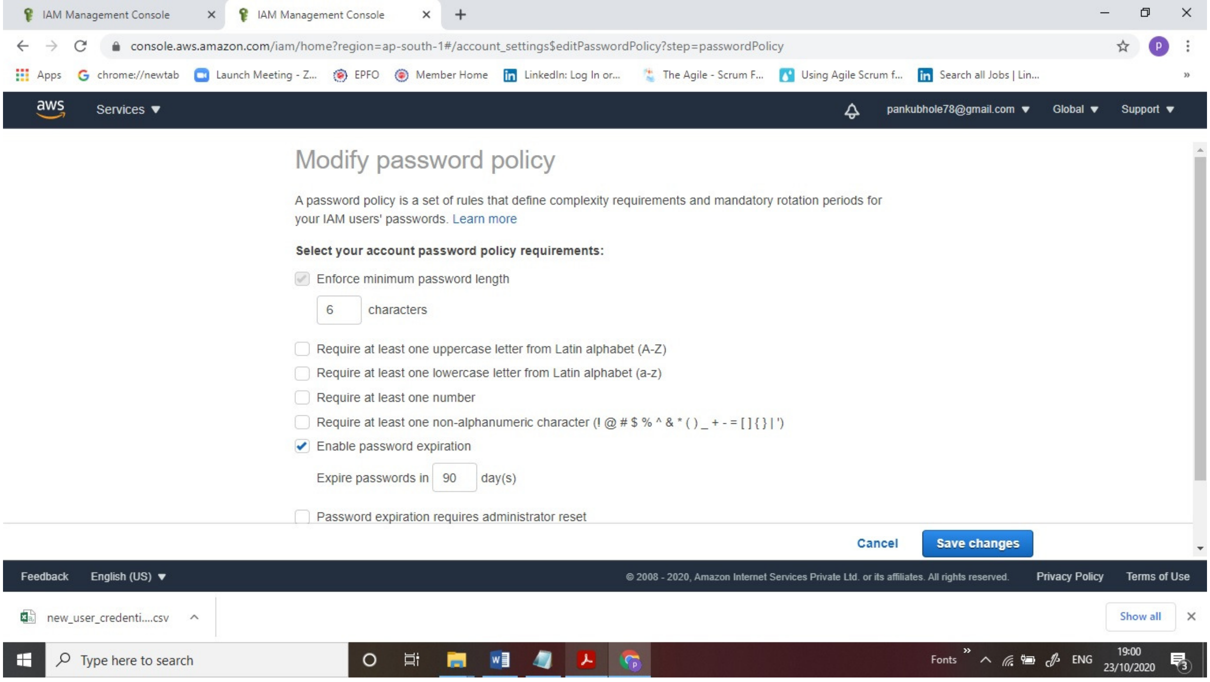
Path /

Creation time 2020-10-23 18:55 UTC+0530

Group name	Attached permissions
Testing	

Task8: setting a password policy

Ss9: password policy screen



Modify password policy

A password policy is a set of rules that define complexity requirements and mandatory rotation periods for your IAM users' passwords. Learn more

Select your account password policy requirements:

☑ Enforce minimum password length

6 characters

□ Require at least one uppercase letter from Latin alphabet (A-Z)

□ Require at least one lowercase letter from Latin alphabet (a-z)

□ Require at least one number

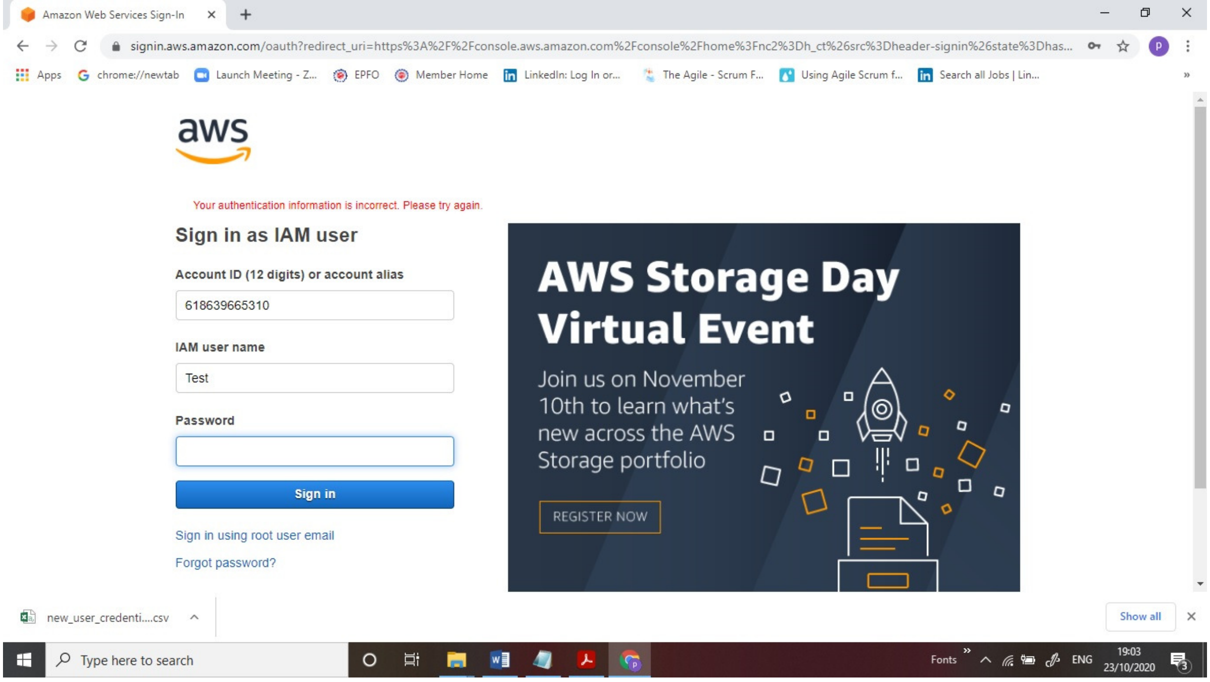
□ Require at least one non-alphanumeric character (! @ # $ % ^ & * ( ) _ + - = [ ] { } | ')

☑ Enable password expiration

Expire passwords in 90 day(s)

□ Password expiration requires administrator reset

Ss10: login as the user and show password incompatibility error


Amazon Web Services Sign-In
signin.aws.amazon.com/oauth?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3Fnc2%3Dh_ct%26src%3Dheader-signin%26state%3Dhas...
aws
Sign in
Sign in using root user email
Forgot password?
AWS Storage Day Virtual Event
Join us on November 10th to learn what's new across the AWS Storage portfolio
REGISTER NOW
new_user_credenti....csv
Show all
Type here to search
19:03
23/10/2020

Your authentication information is incorrect. Please try again.

Sign in as IAM user

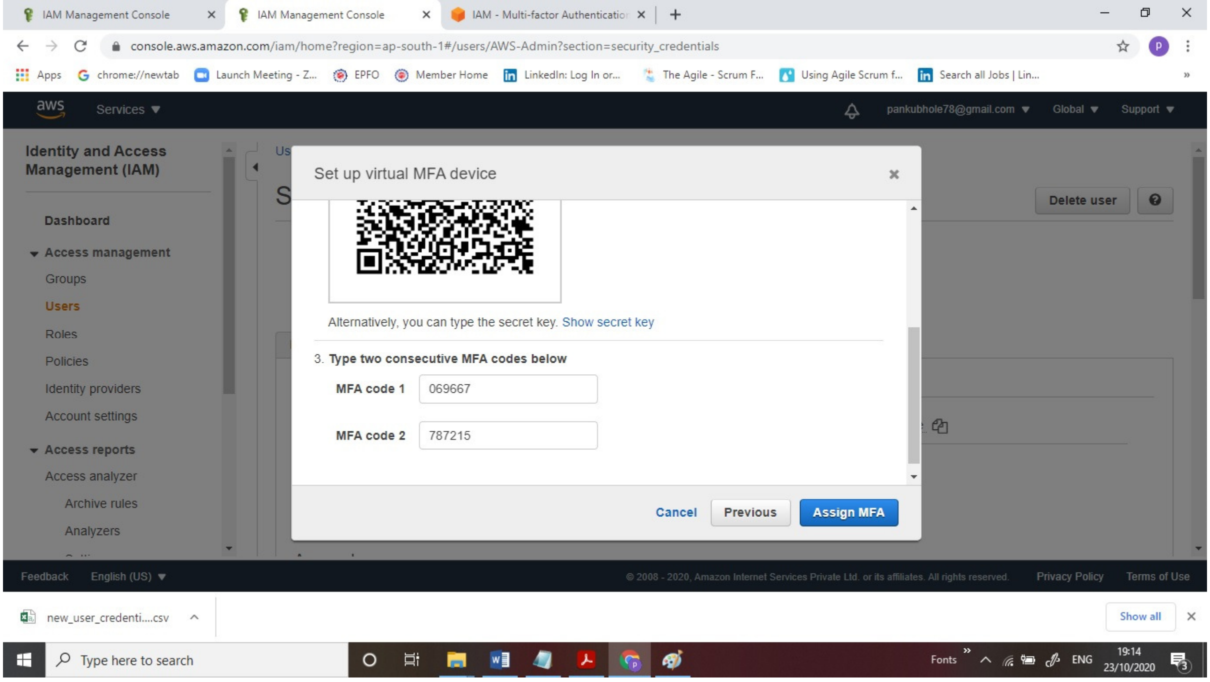
Account ID (12 digits) or account alias: 618639665310

IAM user name: Test

Password:

Task 9: Enabling MFA and using an MFA device

Ss11: enable MFA



console.aws.amazon.com/iam/home?region=ap-south-1#/users/AWS-Admin?section=security_credentials

Set up virtual MFA device

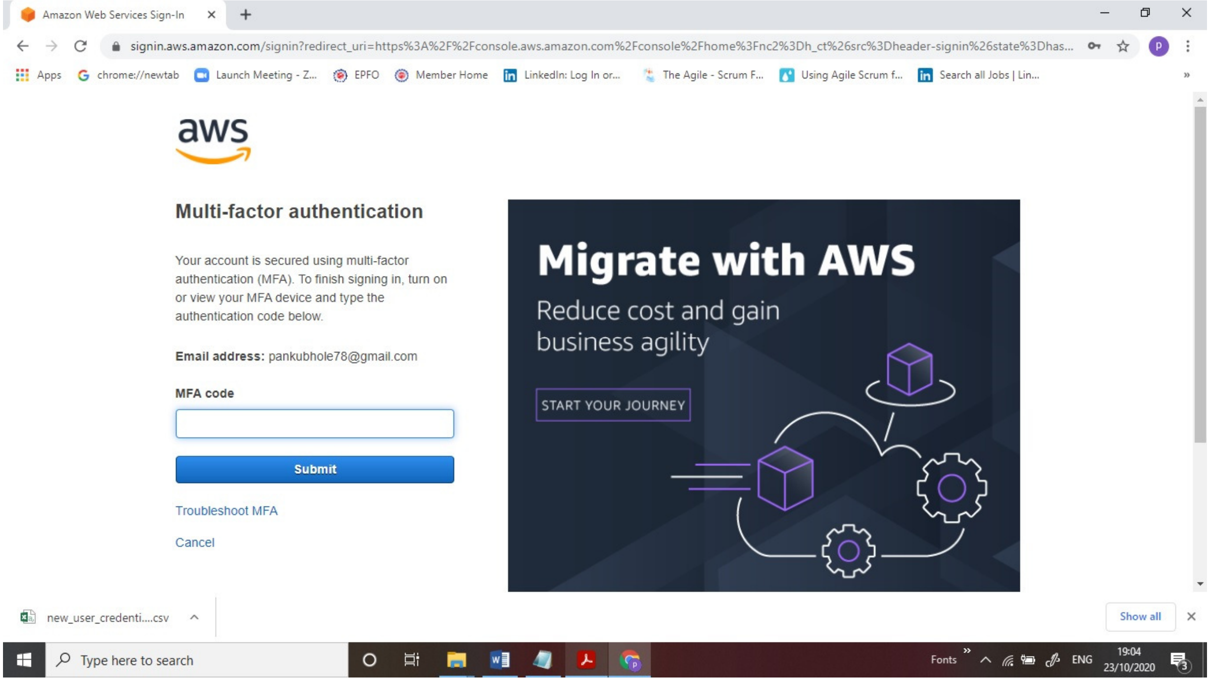
Alternatively, you can type the secret key. Show secret key

3. Type two consecutive MFA codes below

MFA code 1: 069667

MFA code 2: 787215

Ss12: login screen for MFA



signin.aws.amazon.com/signin?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3Fnc2%3Dh_ct%26src%3Dheader-signin%26state%3Dhas...

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: pankubhole78@gmail.com

MFA code