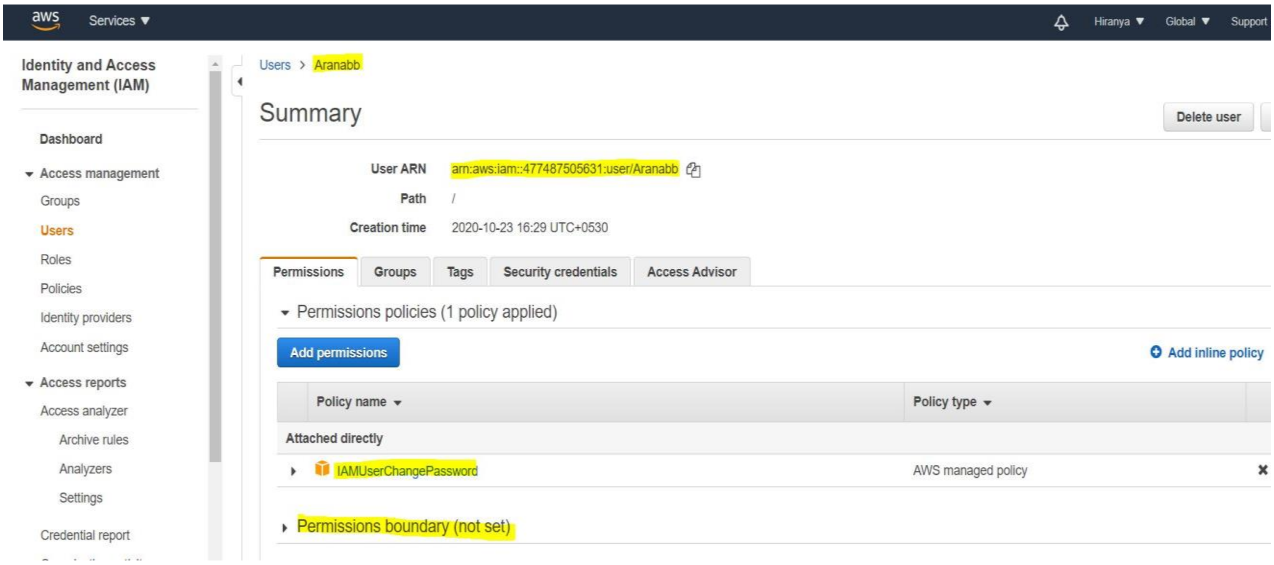
PROJECT 9: WORKING WITH IAM

Task 1: Creating a user ‘Aranabb’ without permission-IAM password policy check



Summary

User ARN arn:aws:iam::477487505631:user/Aranabb

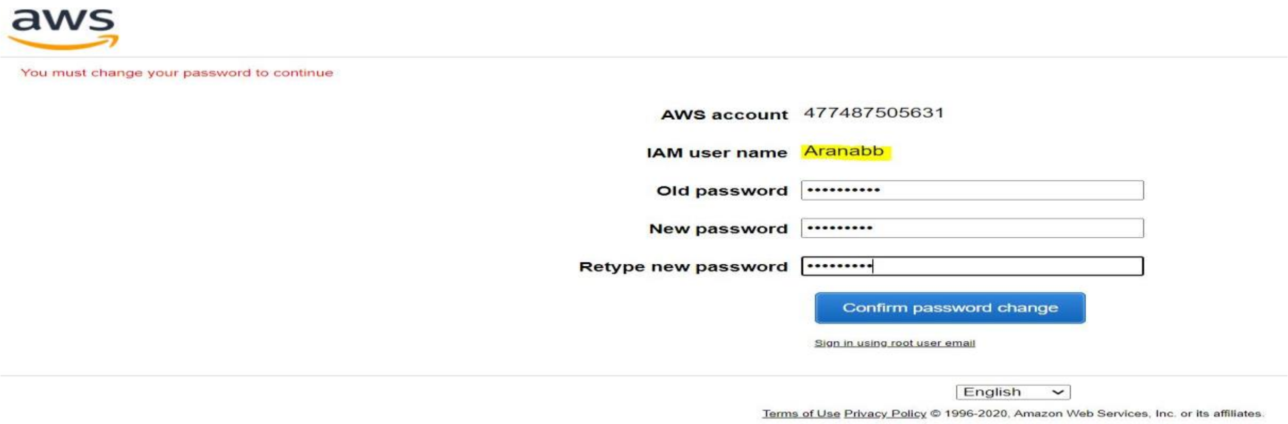
Path /

Creation time 2020-10-23 16:29 UTC+0530

Permissions policies (1 policy applied)

Policy name	Policy type
Attached directly	
IAMUserChangePassword	AWS managed policy

Permissions boundary (not set)



aws
Confirm password change
Sign in using root user email
English
Terms of Use Privacy Policy © 1996-2020, Amazon Web Services, Inc. or its affiliates.

You must change your password to continue

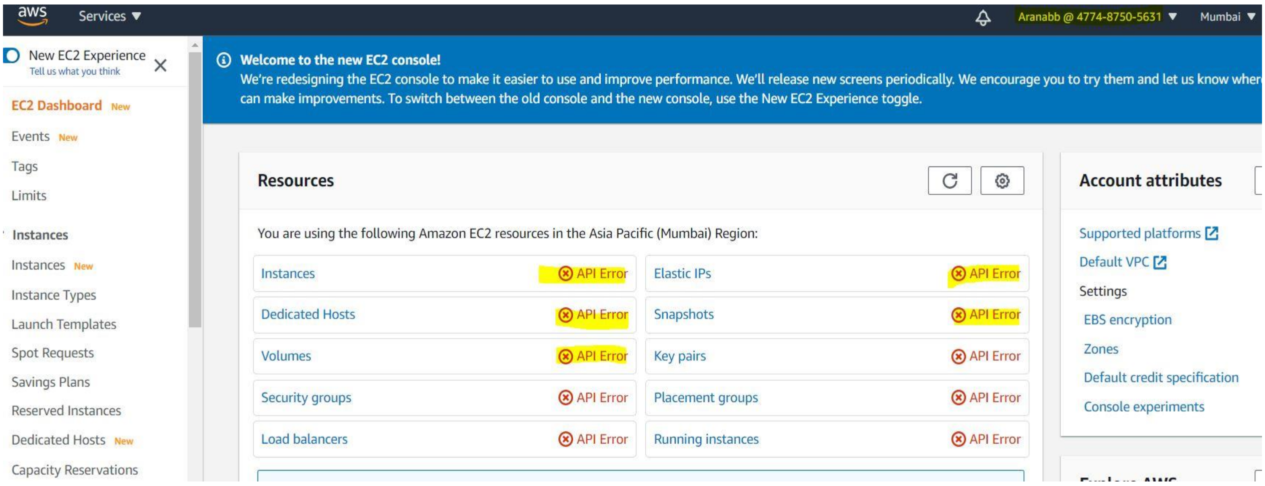
AWS account 477487505631

IAM user name Aranabb

Old password ••••••••••••

New password ••••••••••

Retype new password ••••••••••



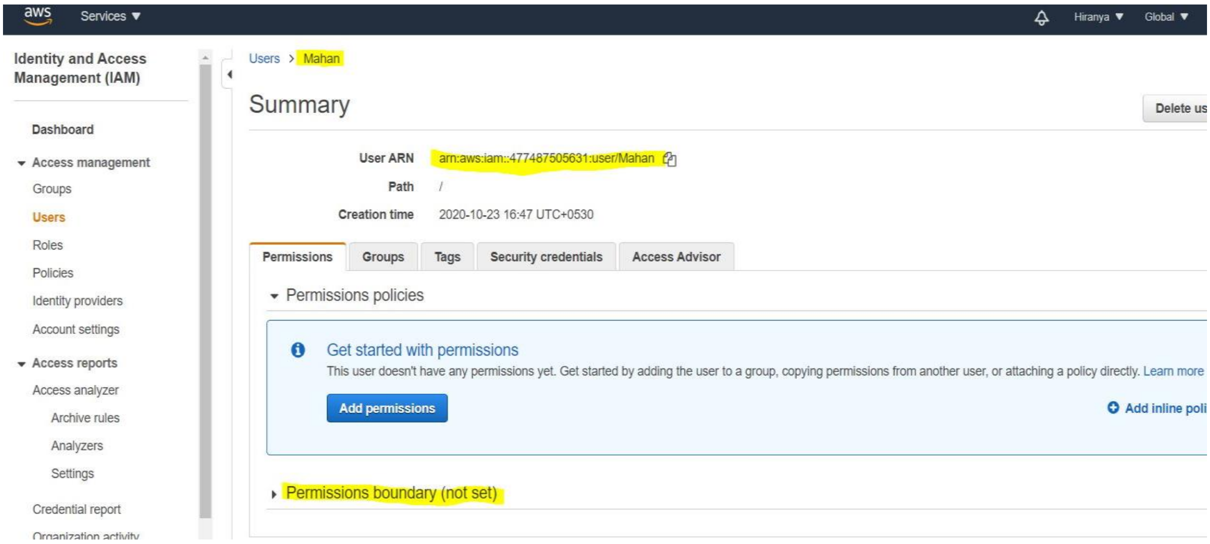
Welcome to the new EC2 console!
We're redesigning the EC2 console to make it easier to use and improve performance. We'll release new screens periodically. We encourage you to try them and let us know wher can make improvements. To switch between the old console and the new console, use the New EC2 Experience toggle.

Resources

You are using the following Amazon EC2 resources in the Asia Pacific (Mumbai) Region:

Instances	⊗ API Error	Elastic IPs	⊗ API Error
Dedicated Hosts	⊗ API Error	Snapshots	⊗ API Error
Volumes	⊗ API Error	Key pairs	⊗ API Error
Security groups	⊗ API Error	Placement groups	⊗ API Error
Load balancers	⊗ API Error	Running instances	⊗ API Error

Task 2: Creating a user 'Mahan' without IAM password policy and permission



Summary

User ARN arn:aws:iam::477487505631:user/Mahan

Path /

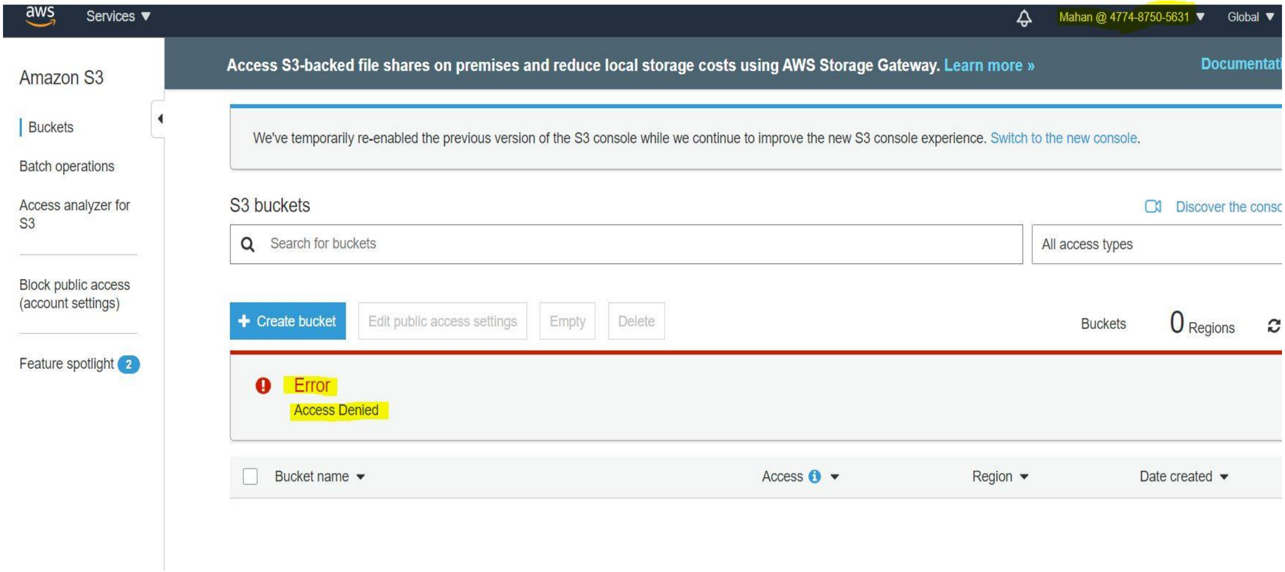
Creation time 2020-10-23 16:47 UTC+0530

Permissions policies

Get started with permissions

This user doesn't have any permissions yet. Get started by adding the user to a group, copying permissions from another user, or attaching a policy directly. Learn more

Permissions boundary (not set)



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.

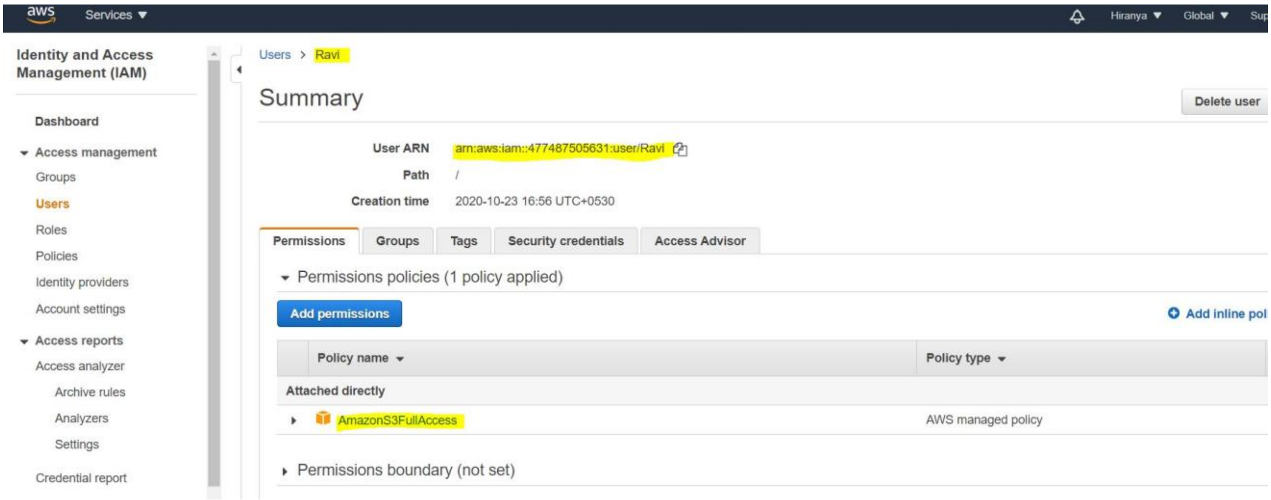
S3 buckets

Buckets 0 Regions

Error

Access Denied

Task 3: Create a user 'Ravi' with S3 full access



Summary

User ARN arn:aws:iam::477487505631:user/Ravi

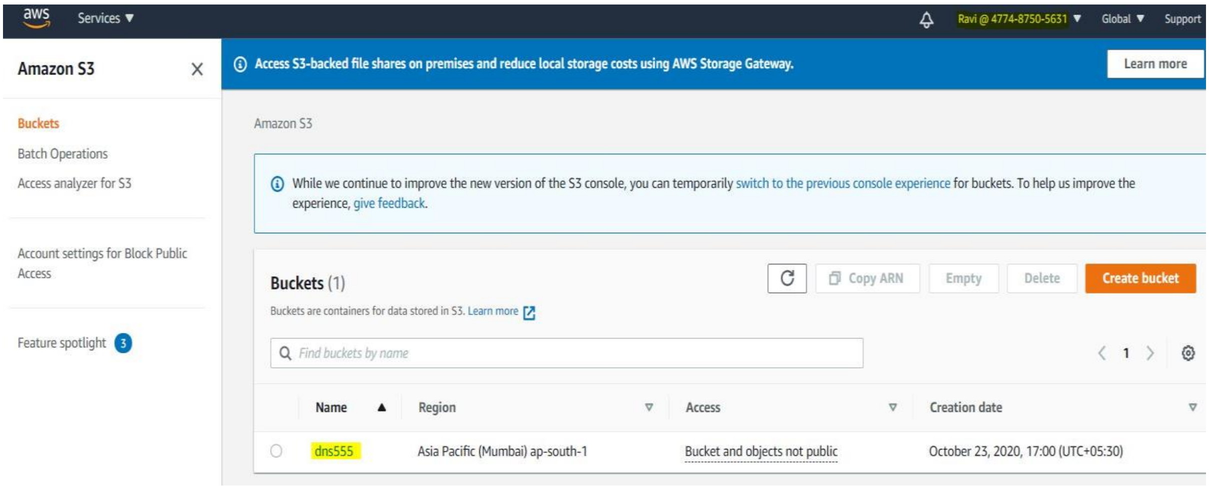
Path /

Creation time 2020-10-23 16:56 UTC+0530

Permissions policies (1 policy applied)

Policy name	Policy type
Attached directly	
AmazonS3FullAccess	AWS managed policy

Permissions boundary (not set)



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

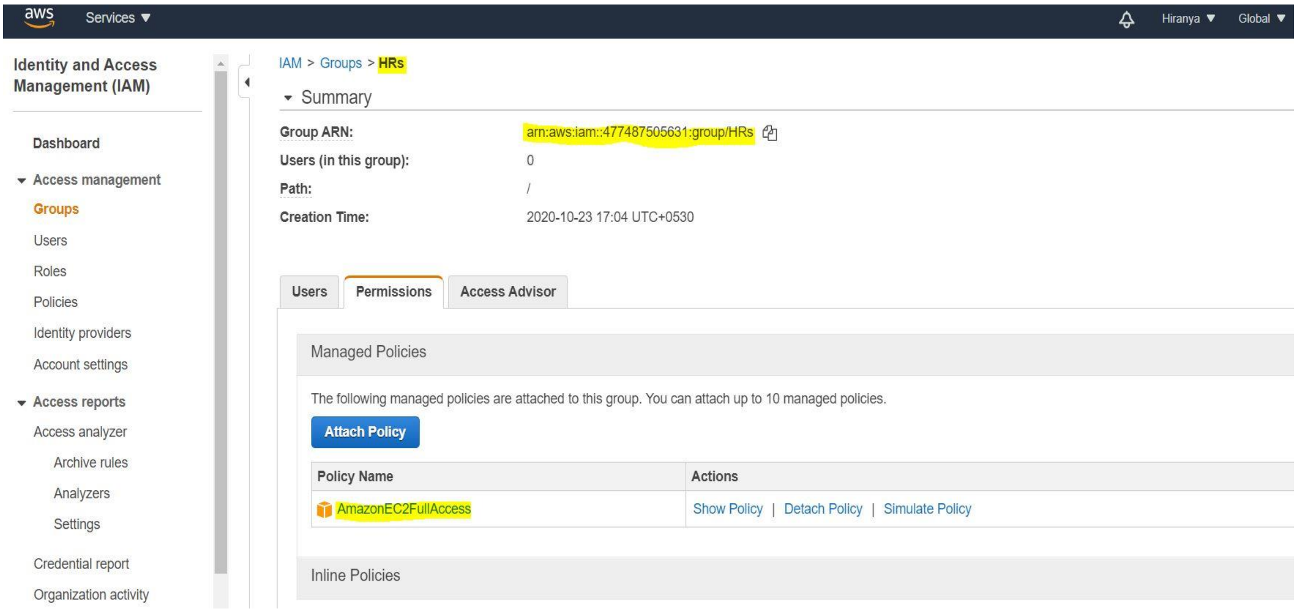
While we continue to improve the new version of the S3 console, you can temporarily switch to the previous console experience for buckets. To help us improve the experience, give feedback.

Buckets (1)

Buckets are containers for data stored in S3. Learn more

	Name ▲	Region	Access	Creation date
○	dns555	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	October 23, 2020, 17:00 (UTC+05:30)

Task 4: Create a group ‘HRs’ with EC2 full access



Summary

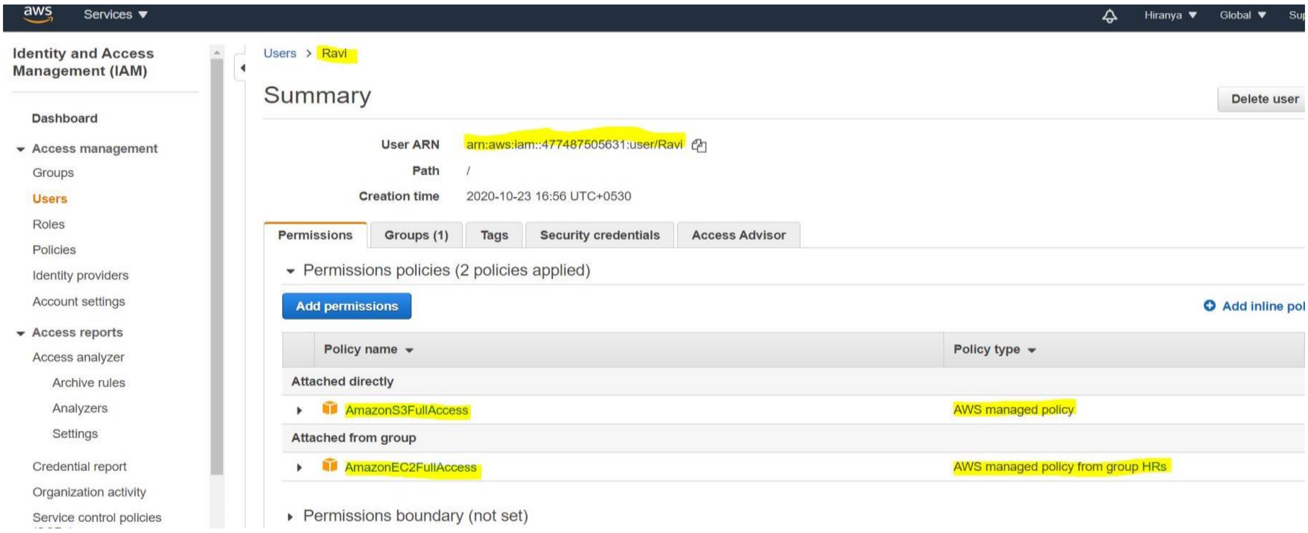
Group ARN: arn:aws:iam::477487505631:group/HRs
Users (in this group): 0
Path: /
Creation Time: 2020-10-23 17:04 UTC+0530

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 group policy is reflecting on the user



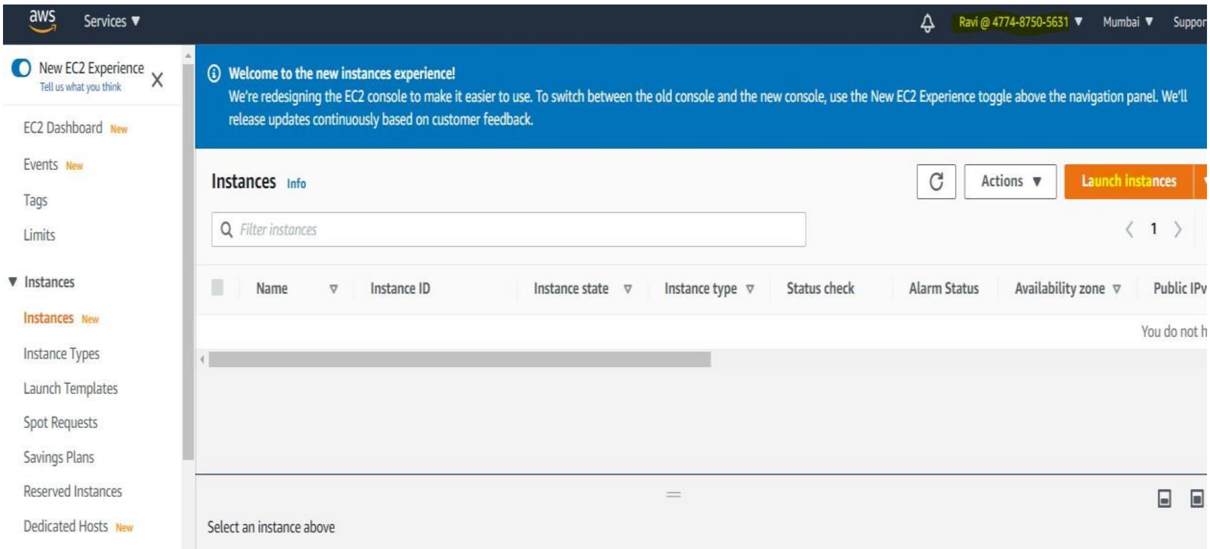
Summary

User ARN arn:aws:iam::477487505631:user/Ravi
Path /
Creation time 2020-10-23 16:56 UTC+0530

Permissions policies (2 policies applied)

Policy name ▼	Policy type ▼
Attached directly	
AmazonS3FullAccess	AWS managed policy
Attached from group	
AmazonEC2FullAccess	AWS managed policy from group HRs

Permissions boundary (not set)



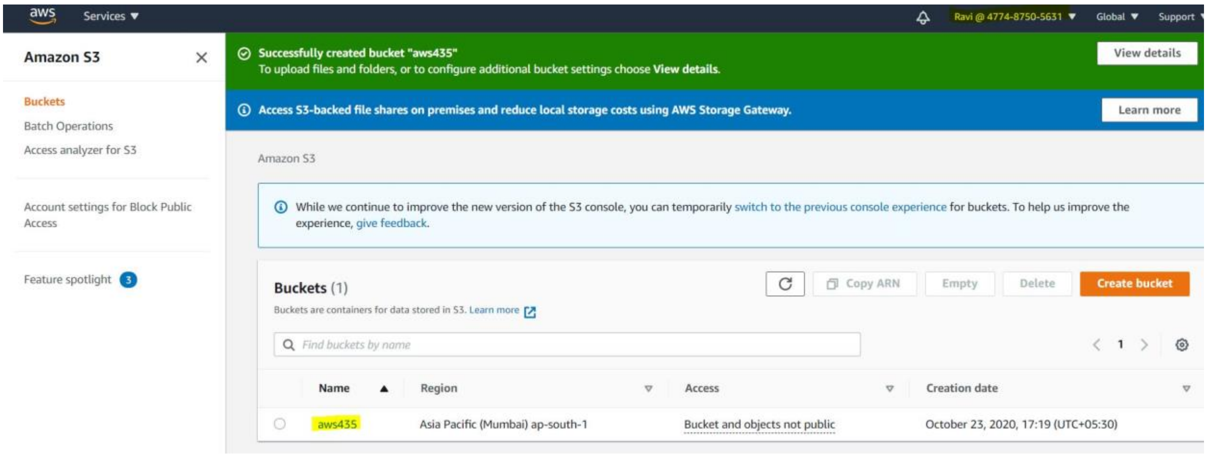
Welcome to the new instances experience!

We're redesigning the EC2 console to make it easier to use. To switch between the old console and the new console, use the New EC2 Experience toggle above the navigation panel. We'll release updates continuously based on customer feedback.

Instances Info

	Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability zone	Public IPv
								You do not h

Select an instance above



Successfully created bucket "aws435"
To upload files and folders, or to configure additional bucket settings choose **View details.**

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

Amazon S3

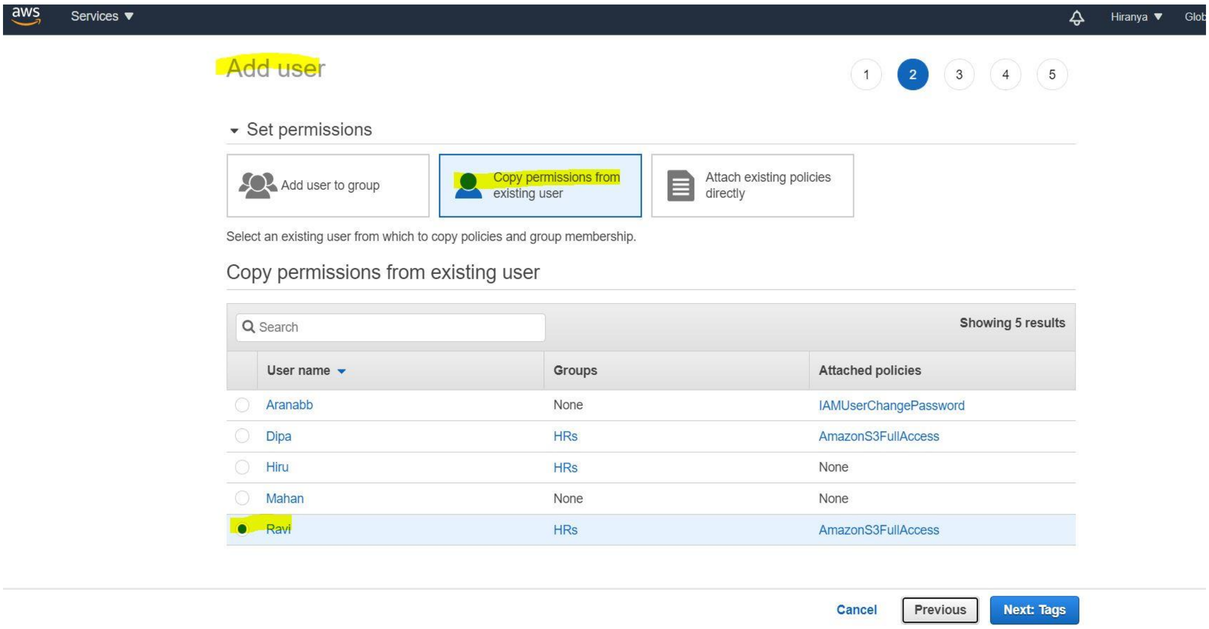
While we continue to improve the new version of the S3 console, you can temporarily switch to the previous console experience for buckets. To help us improve the experience, give feedback.

Buckets (1)

Buckets are containers for data stored in S3. Learn more

	Name ▲	Region	Access	Creation date
○	aws435	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	October 23, 2020, 17:19 (UTC+05:30)

Task 6: Copy policies from existing user



Add user

Set permissions

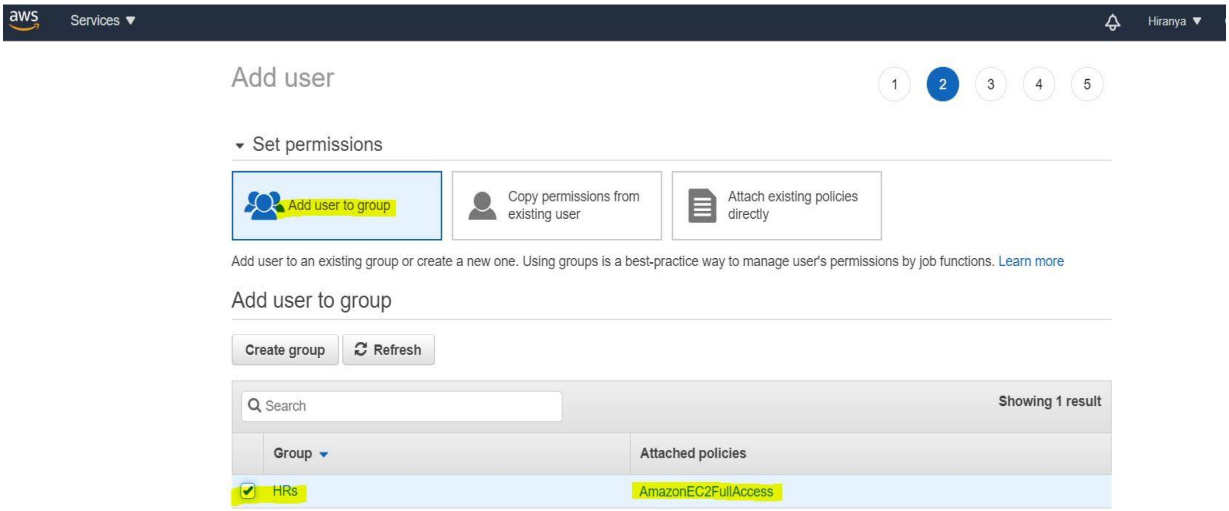
Select an existing user from which to copy policies and group membership.

Copy permissions from existing user

Showing 5 results

	User name	Groups	Attached policies
○	Aranabb	None	IAMUserChangePassword
○	Dipa	HRs	AmazonS3FullAccess
○	Hiru	HRs	None
○	Mahan	None	None
●	Ravi	HRs	AmazonS3FullAccess

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



Add user

1 2 3 4 5

▾ Set permissions

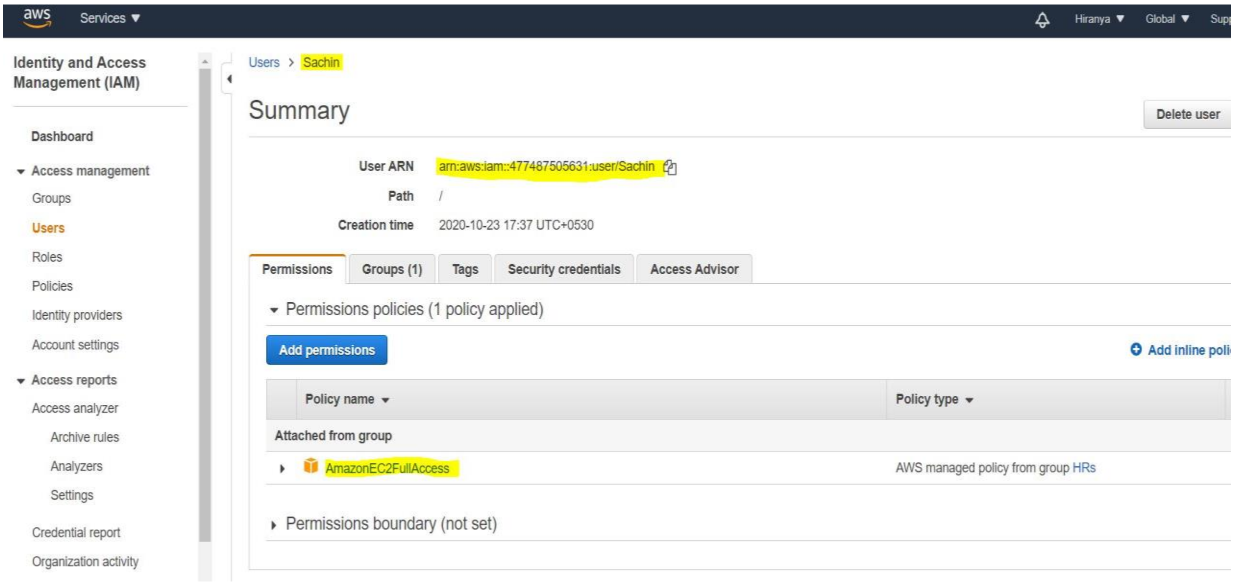
Add user to group | Copy permissions from existing user | Attach existing policies directly

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. Learn more

Add user to group

Showing 1 result

	Group	Attached policies
☑	HRs	AmazonEC2FullAccess



Users > Sachin

Summary

User ARN arn:aws:iam::477487505631:user/Sachin

Path /

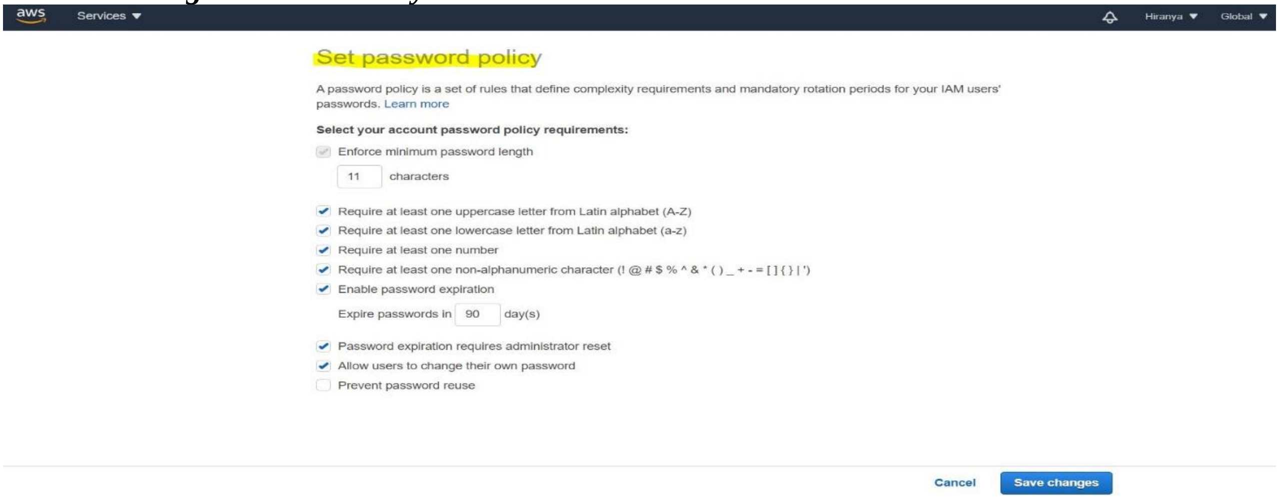
Creation time 2020-10-23 17:37 UTC+0530

▾ Permissions policies (1 policy applied)

Policy name	Policy type
Attached from group	
AmazonEC2FullAccess	AWS managed policy from group HRs

▸ Permissions boundary (not set)

Task 8: Setting Password Policy



Set 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

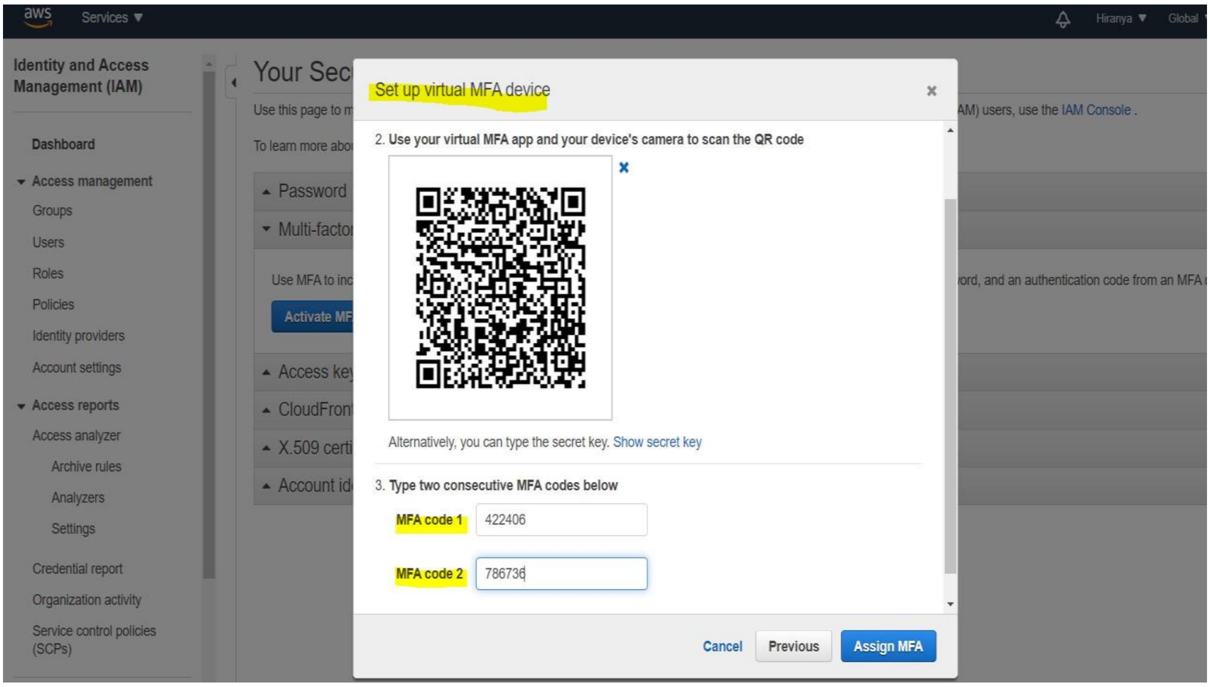
11 characters

☑ 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
☑ Allow users to change their own password
☐ Prevent password reuse

Task 9: Enabling MFA and using a MFA device



Set up virtual MFA device

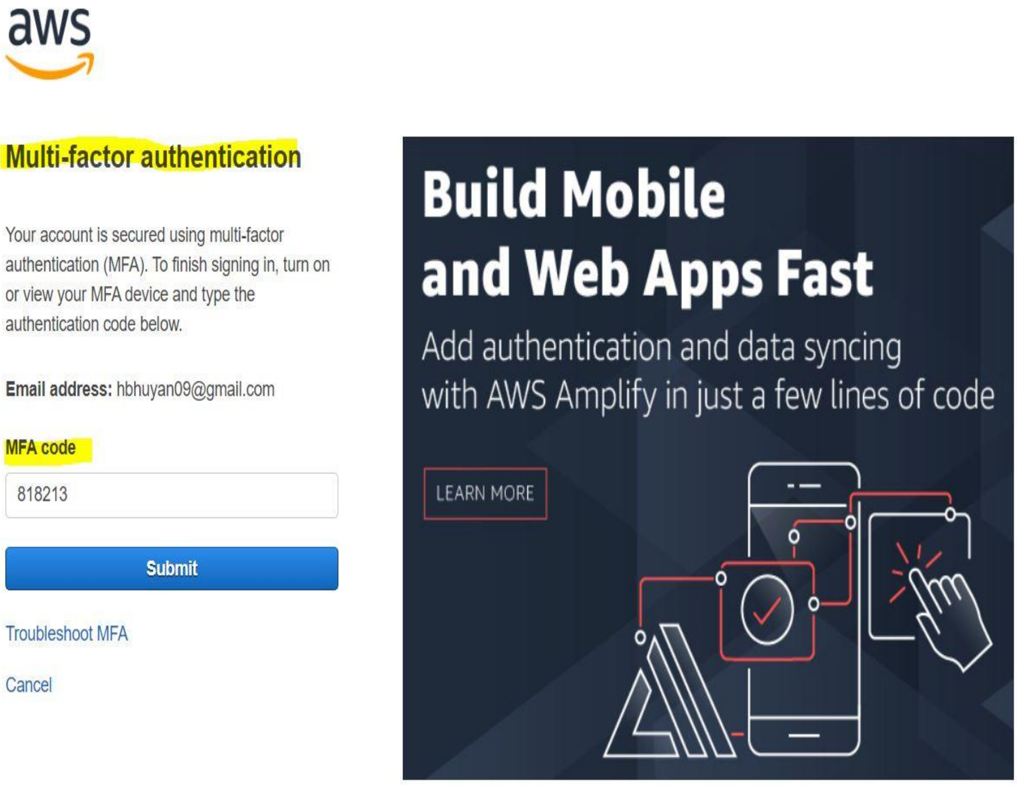
2. Use your virtual MFA app and your device's camera to scan the QR code

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

3. Type two consecutive MFA codes below

MFA code 1: 422406

MFA code 2: 786736


aws
Build Mobile and Web Apps Fast
Add authentication and data syncing with AWS Amplify in just a few lines of code
LEARN MORE

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: hbhuyan09@gmail.com

MFA code: 818213

Submit
Troubleshoot MFA
Cancel