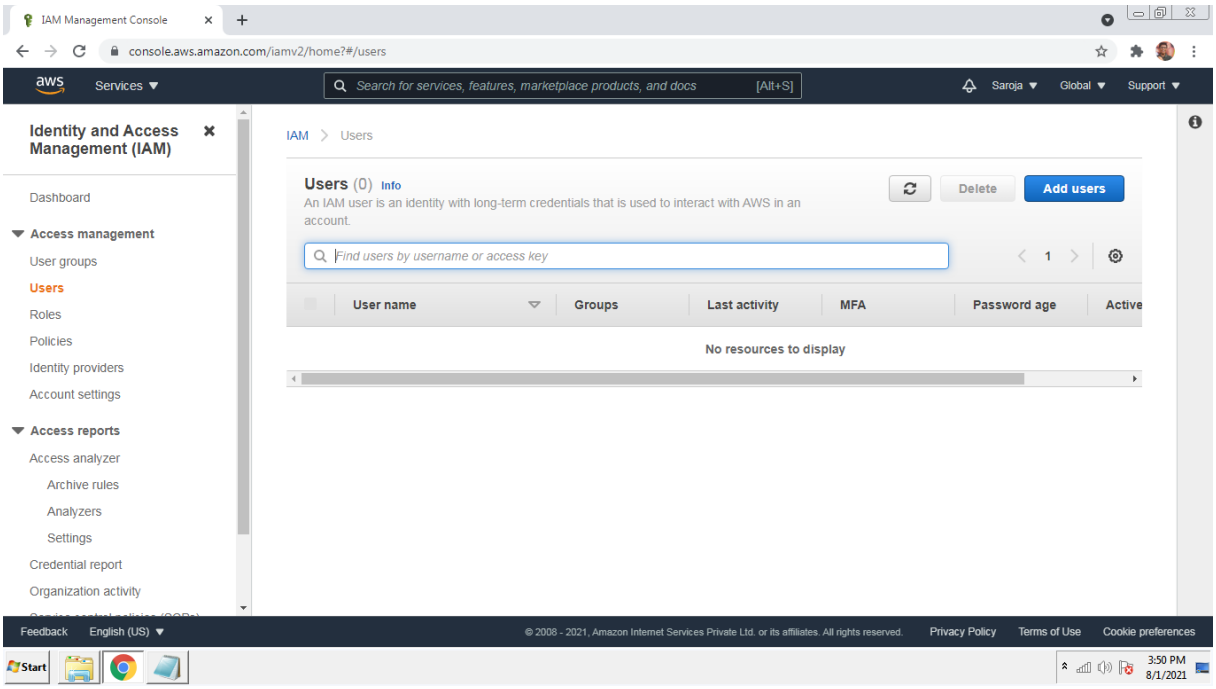
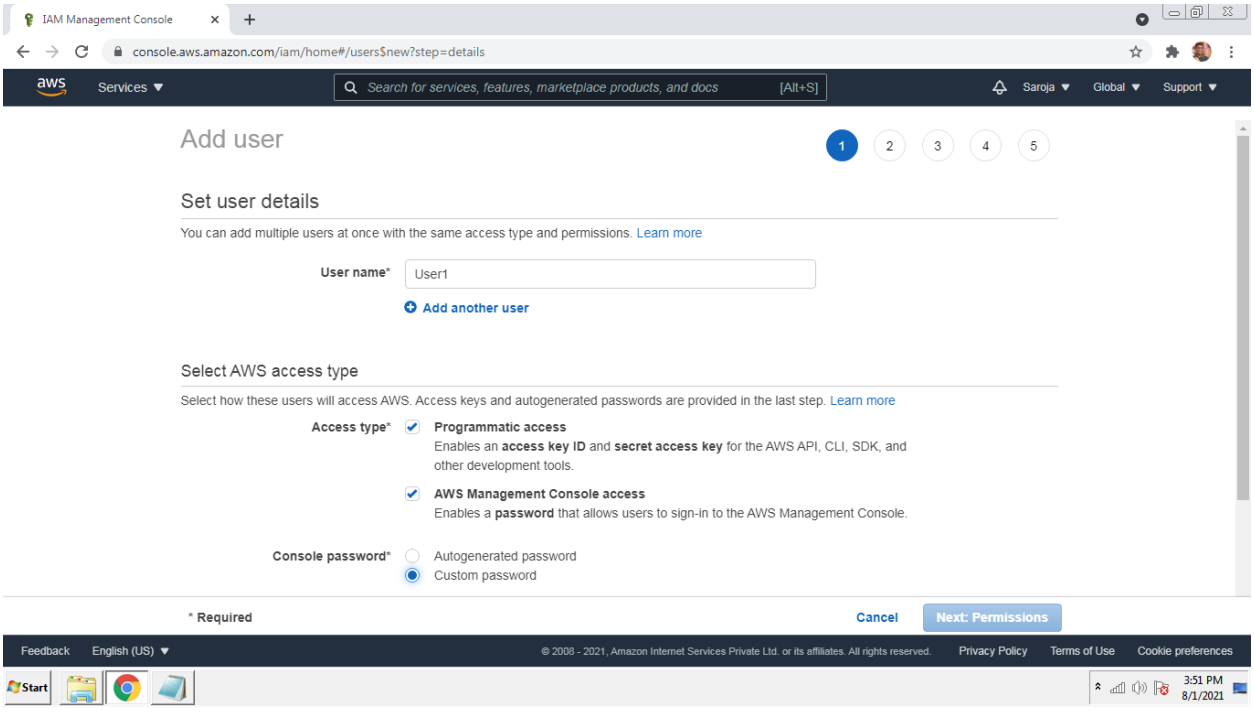
Assignment -1

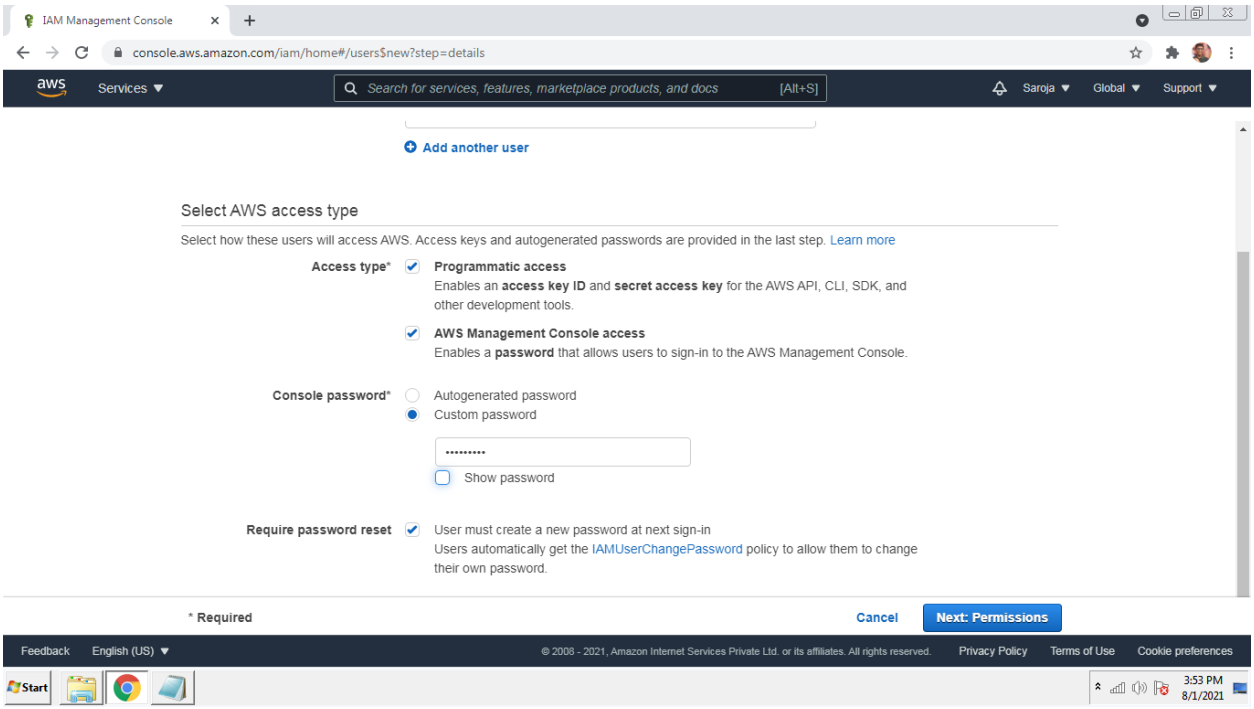
Working with IAM

❖ Creating Users:

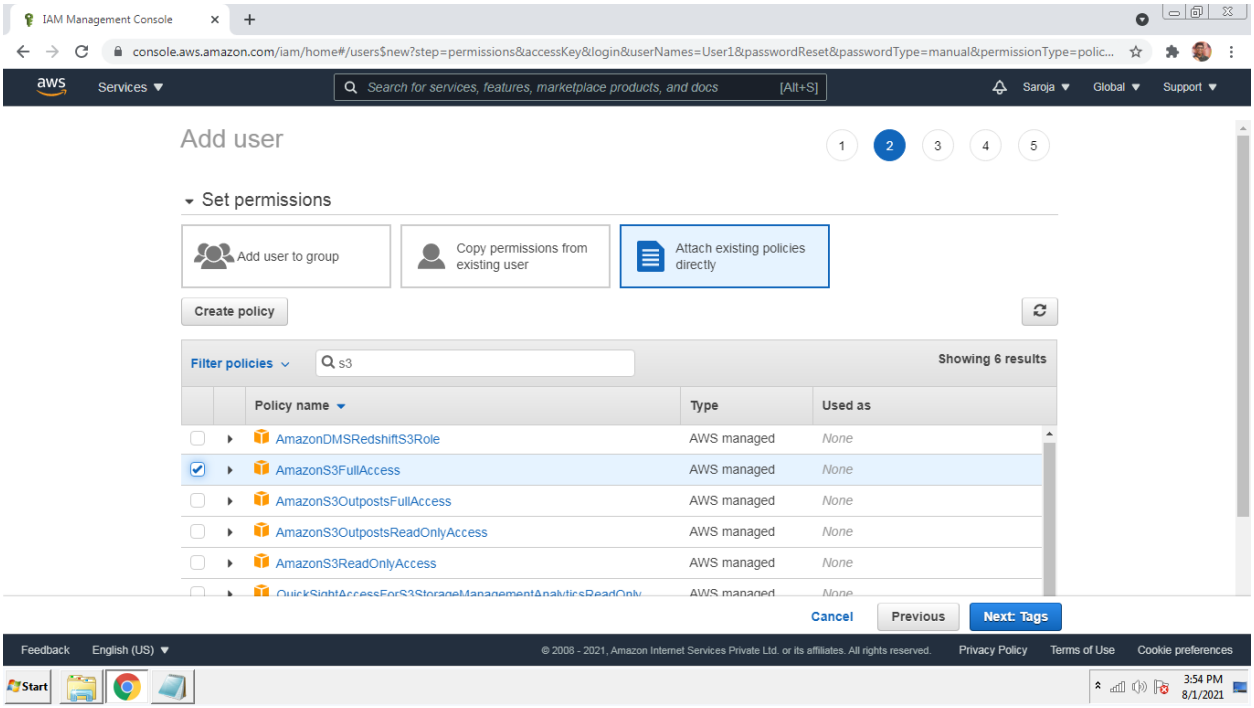
➢ Creating User1:

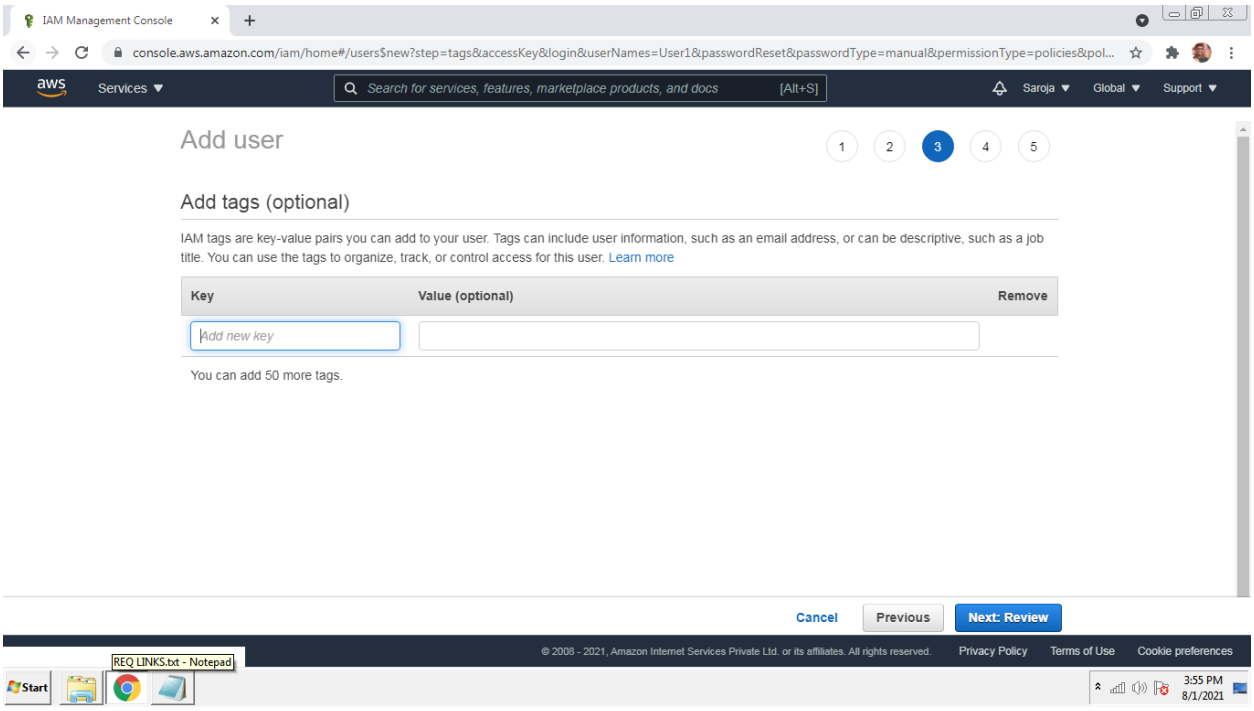






Policy given to User1 is **AmazonS3FullAccess**




IAM Management Console
console.aws.amazon.com/iam/home#/users$new?step=tags&accessKey&login&userNames=User1&passwordReset&passwordType=manual&permissionType=policies&pol...
aws
Services
Search for services, features, marketplace products, and docs [Alt+S]
Saroja
Global
Support
Add user
1 2 3 4 5
Add tags (optional)
IAM tags are key-value pairs you can add to your user. Tags can include user information, such as an email address, or can be descriptive, such as a job title. You can use the tags to organize, track, or control access for this user. Learn more
Key
Value (optional)
Remove
Add new key
You can add 50 more tags.
Cancel
Previous
Next: Review
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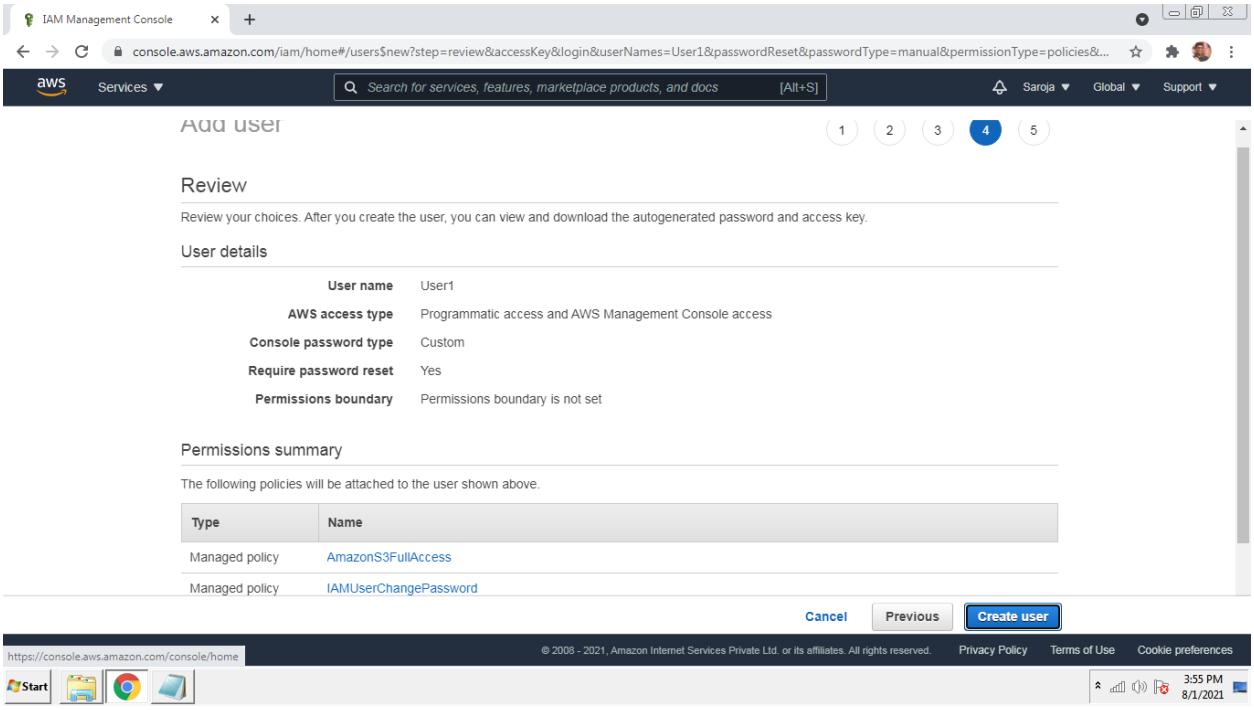
Privacy Policy
Terms of Use
Cookie preferences
REQ LINKS.txt - Notepad
Start
3:55 PM
8/1/2021


IAM Management Console
console.aws.amazon.com/iam/home#/users$new?step=review&accessKey&login&userNames=User1&passwordReset&passwordType=manual&permissionType=policies&...
aws
Services
Search for services, features, marketplace products, and docs [Alt+S]
Saroja
Global
Support
Add user
1 2 3 4 5
Review
Review your choices. After you create the user, you can view and download the autogenerated password and access key.
User details
User name
User1
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 following policies will be attached to the user shown above.
Type
Name
Managed policy
AmazonS3FullAccess
Managed policy
IAMUserChangePassword
Cancel
Previous
Create user
https://console.aws.amazon.com/console/home
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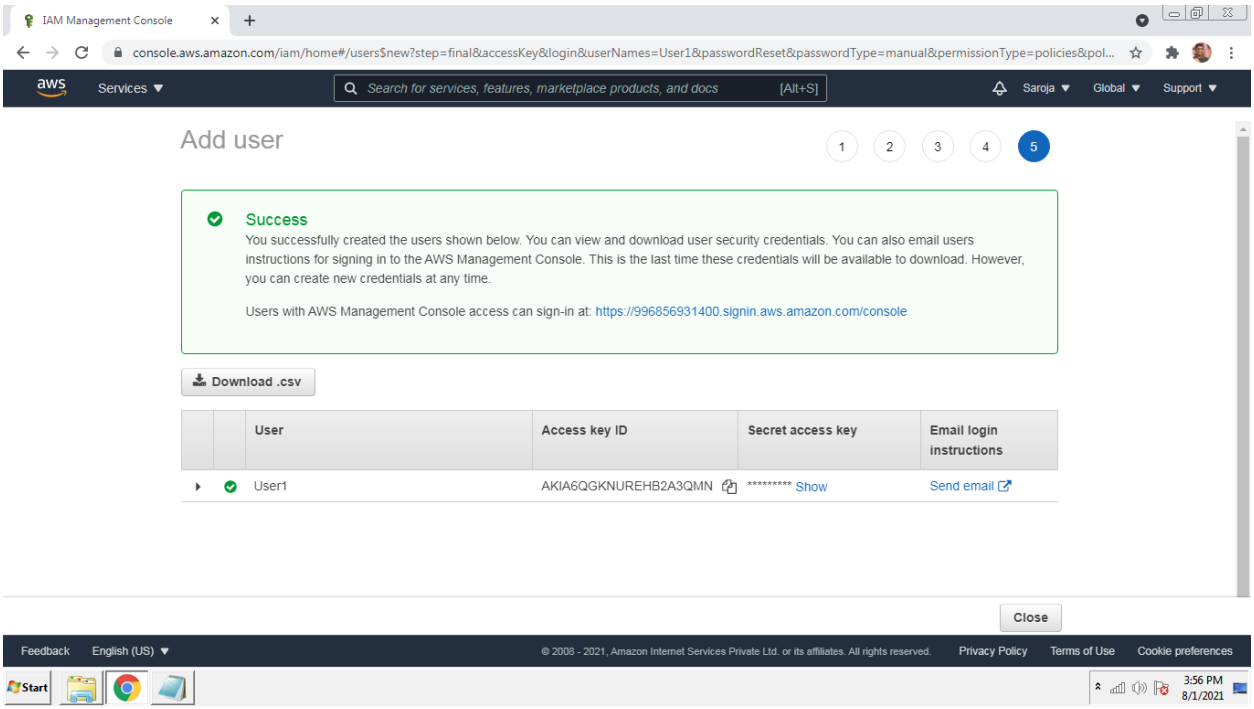
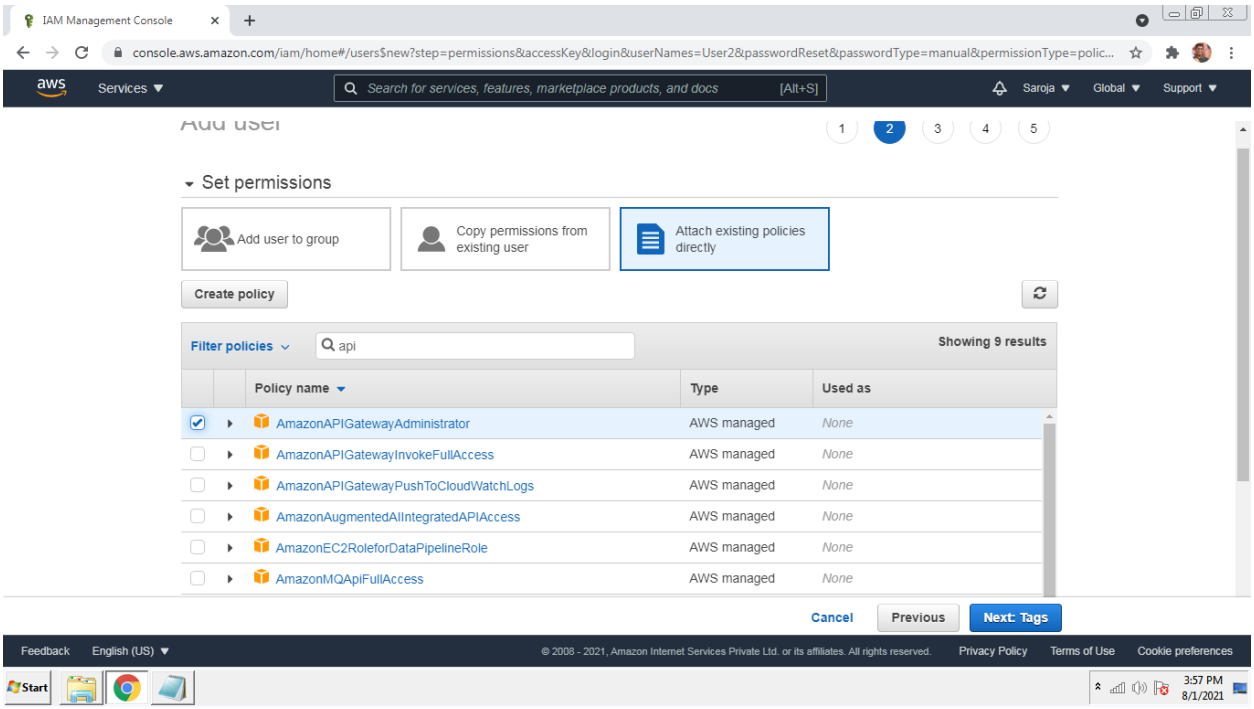
Privacy Policy
Terms of Use
Cookie preferences
Start
3:55 PM
8/1/2021

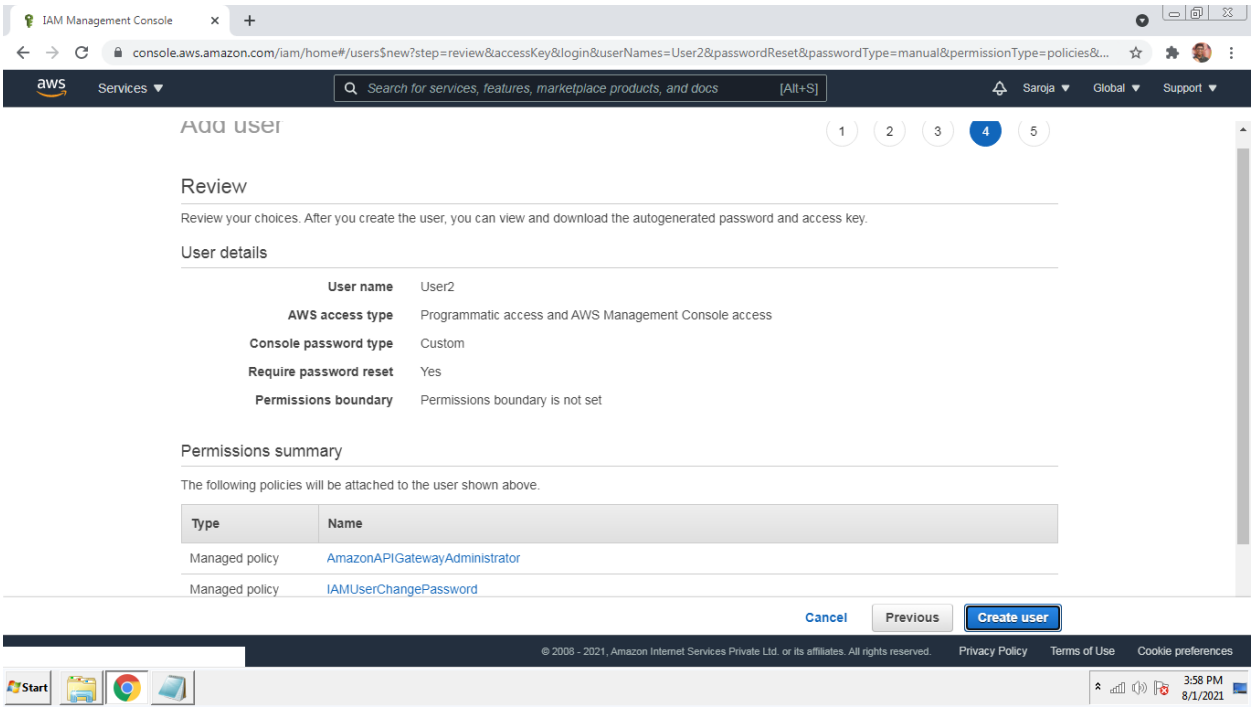


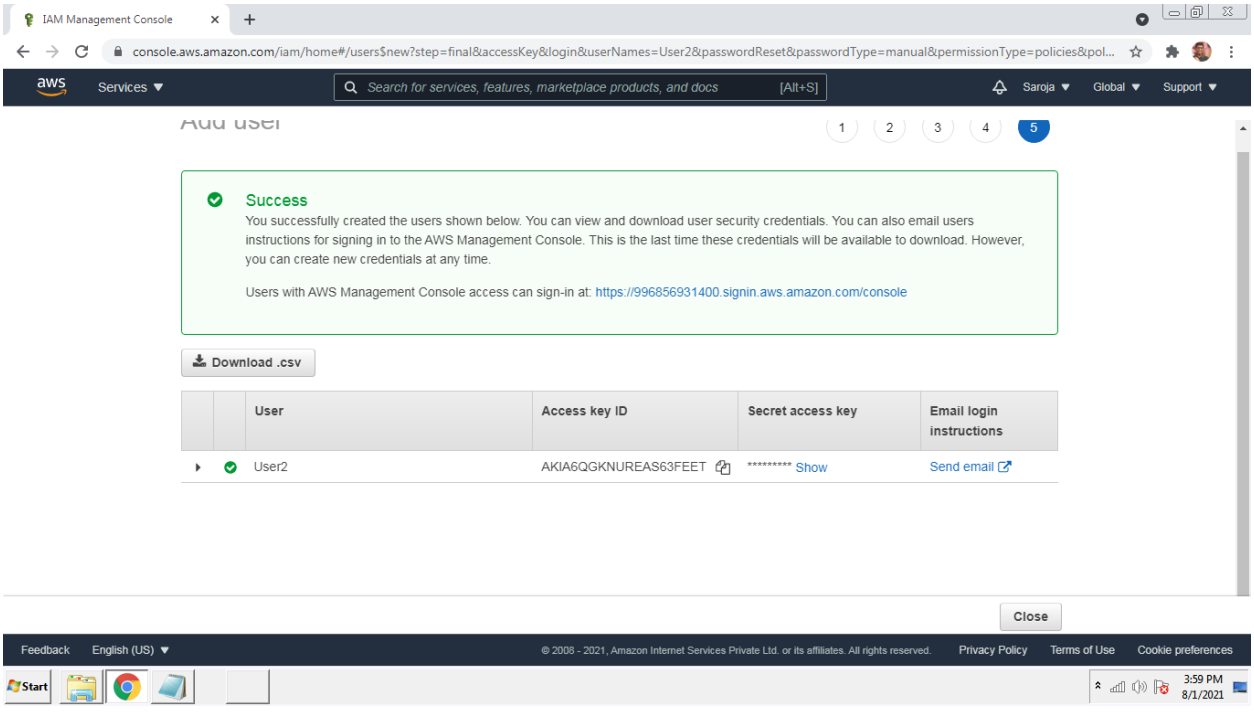
➢ Creating User2:

Creating User2 is same as User1 so attached only screenshots for policy selected for User2

Policy given to User2 is **AmazonAPIGatewayAdministrator**



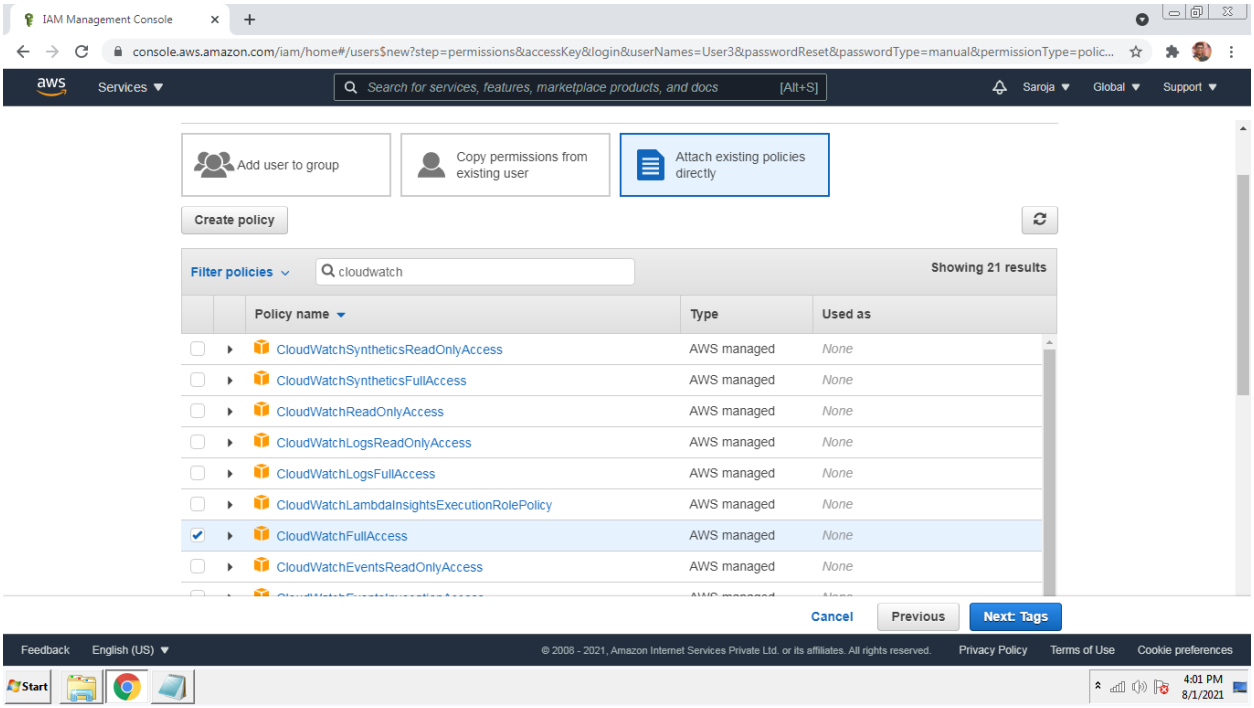

IAM Management Console
console.aws.amazon.com/iam/home#/users$new?step=review&accessKey&login&userNames=User2&passwordReset&passwordType=manual&permissionType=policies&...
aws
Services
Search for services, features, marketplace products, and docs [Alt+S]
Saroja
Global
Support
Add user
1 2 3 4 5
Review
Review your choices. After you create the user, you can view and download the autogenerated password and access key.
User details
User name User2
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 following policies will be attached to the user shown above.
Type Name
Managed policy AmazonAPIGatewayAdministrator
Managed policy IAMUserChangePassword
Cancel
Previous
Create user
© 2008 - 2021, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
Cookie preferences
Start
3:58 PM
8/1/2021

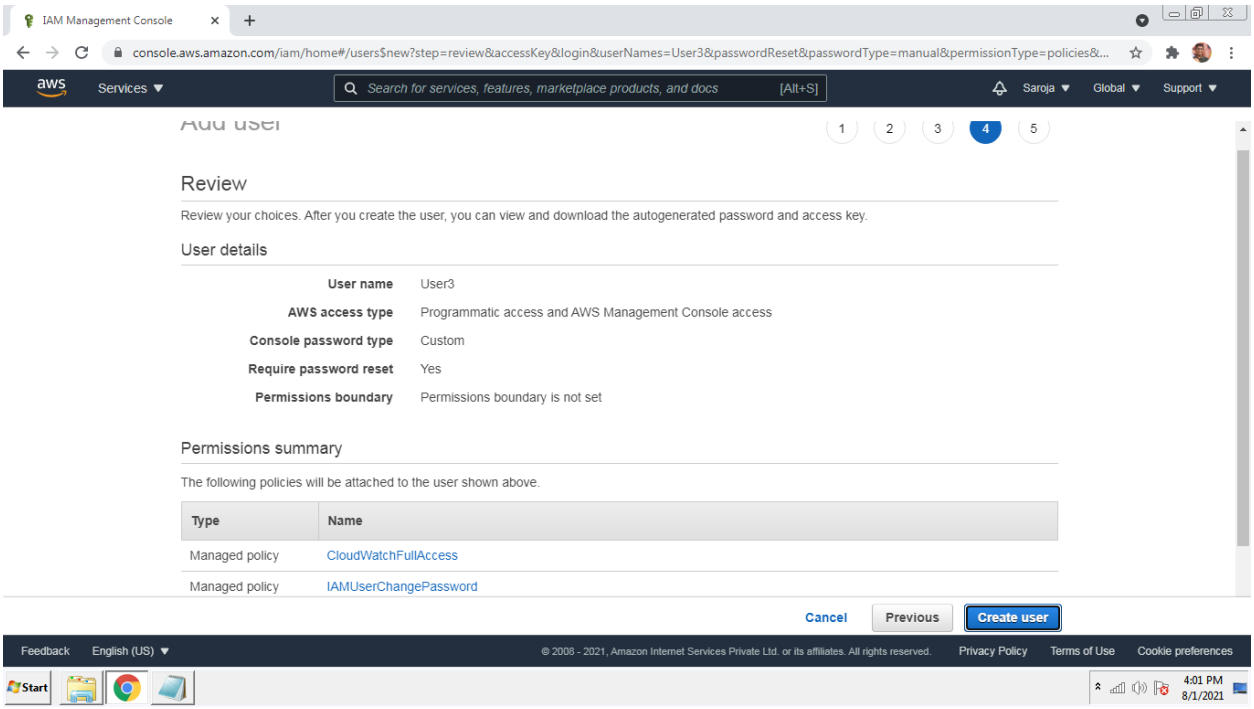

IAM Management Console
console.aws.amazon.com/iam/home#/users$new?step=final&accessKey&login&userNames=User2&passwordReset&passwordType=manual&permissionType=policies&pol...
aws
Services
Search for services, features, marketplace products, and docs [Alt+S]
Saroja
Global
Support
Add user
1 2 3 4 5
Success
You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.
Users with AWS Management Console access can sign-in at: https://996856931400.signin.aws.amazon.com/console
Download .csv
User Access key ID Secret access key Email login instructions
User2 AKIA6QGKNUREAS63FEET ********** Show Send email
Close
Feedback
English (US)
© 2008 - 2021, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
Cookie preferences
Start
3:59 PM
8/1/2021

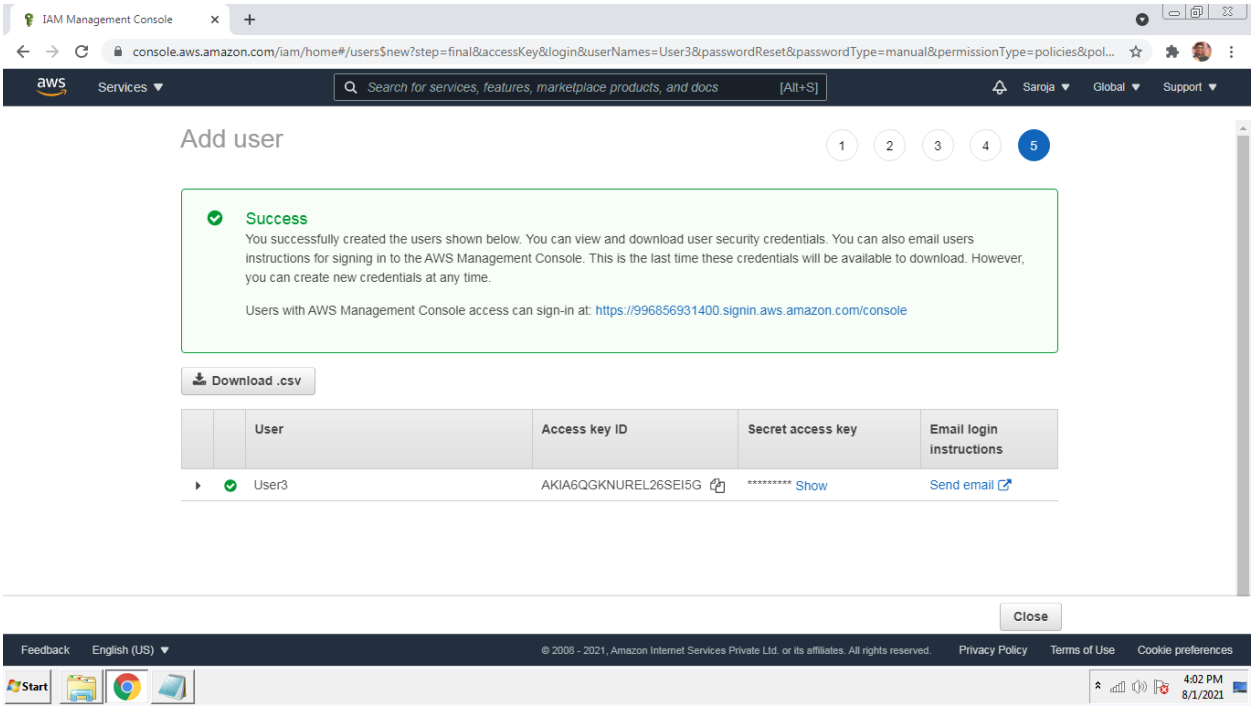
➢ Creating User3:

Creating User3 is same as User1 so attached only screenshots for policy selected for User3

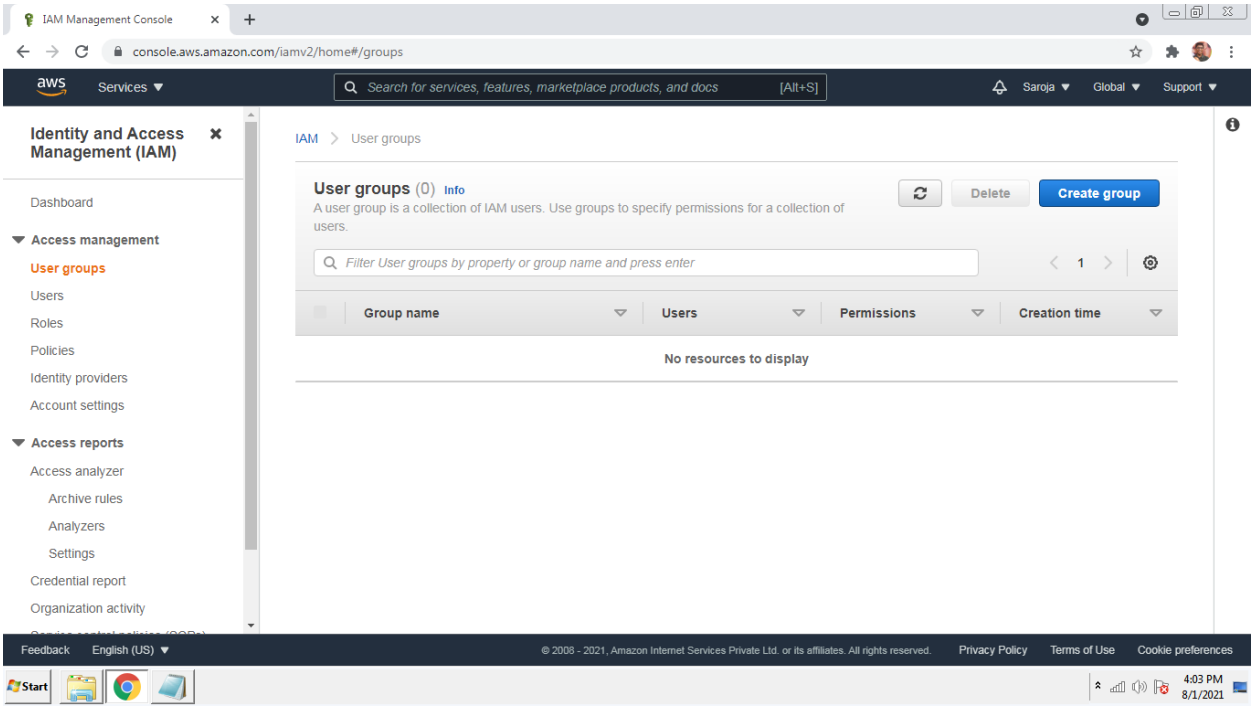
Policy given to User3 is **CloudwatchFullAccess**

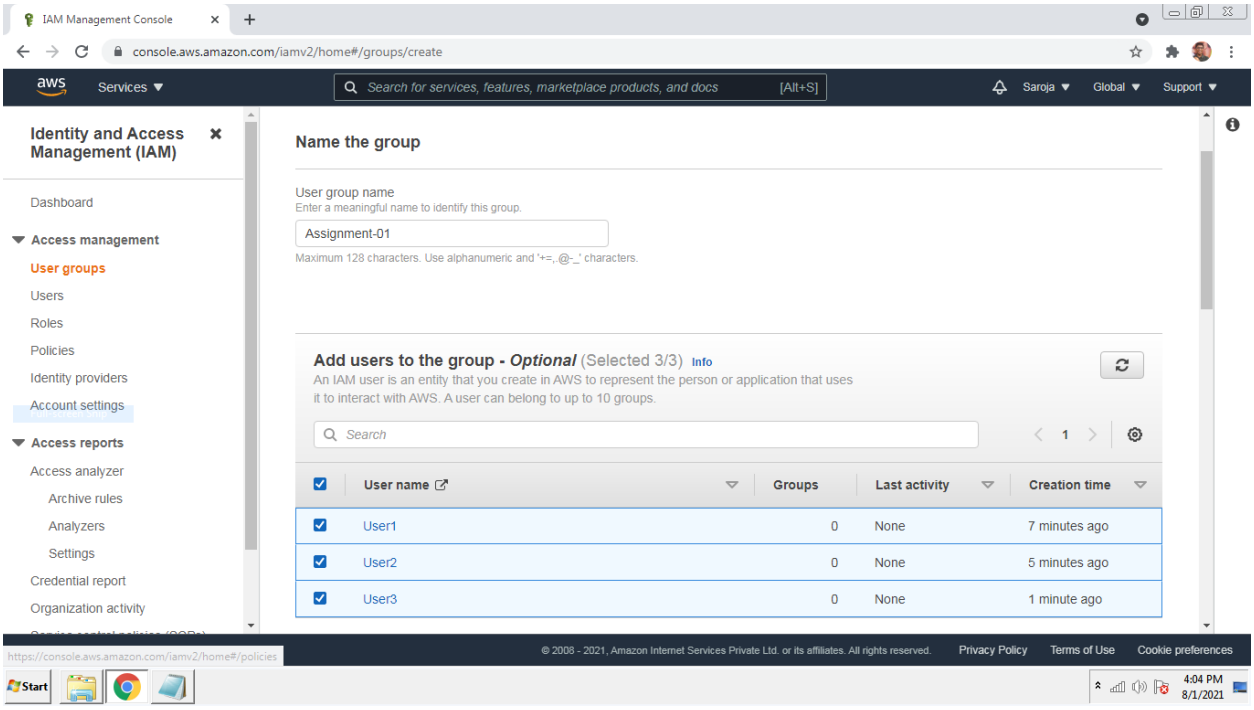




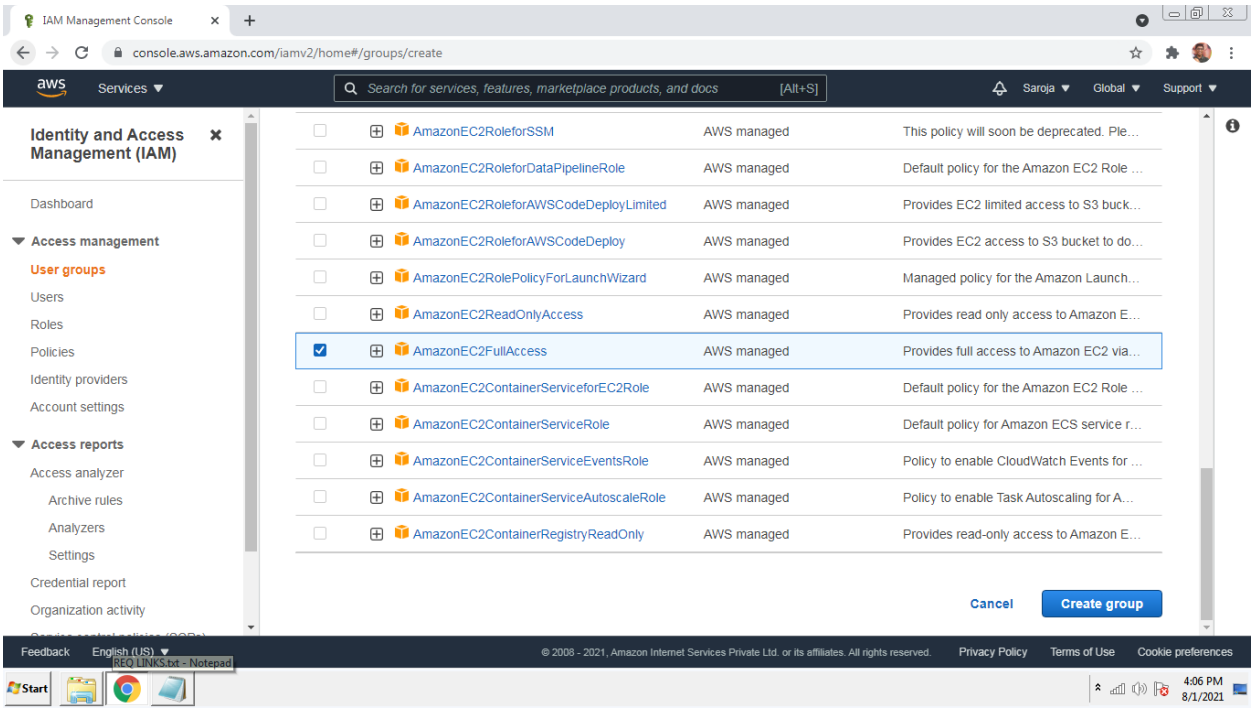


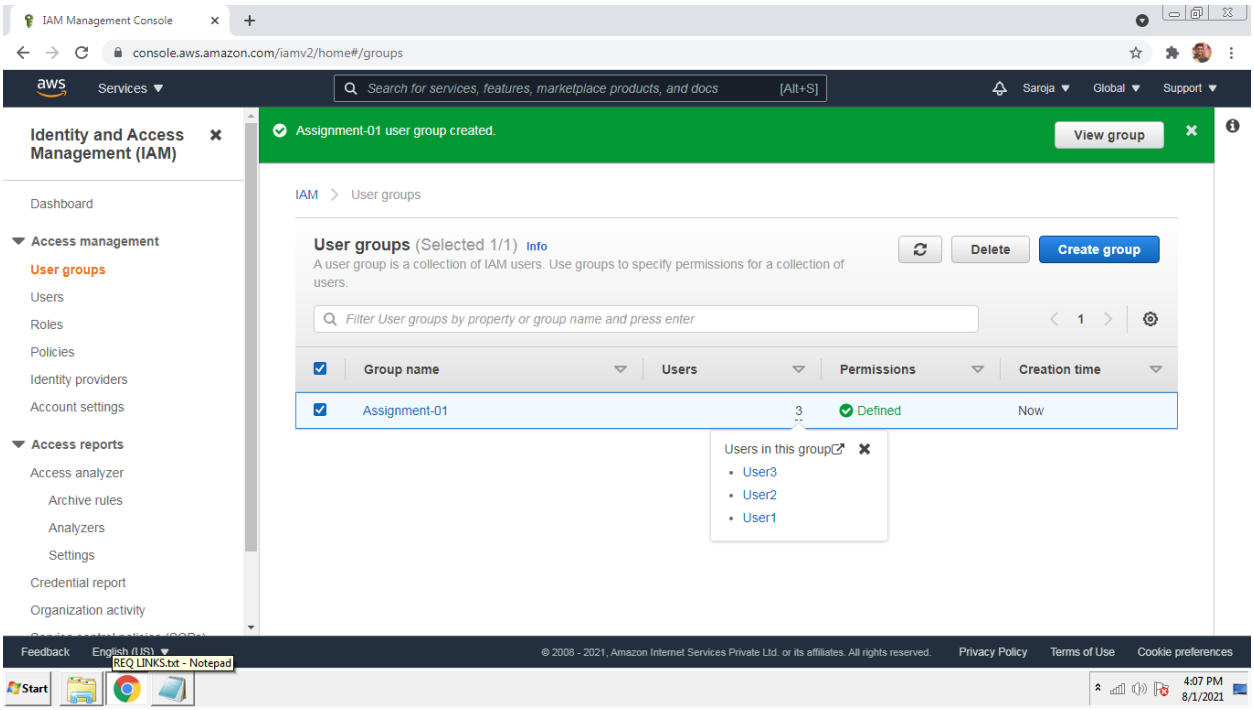
❖Creating Group and adding Users to the group:



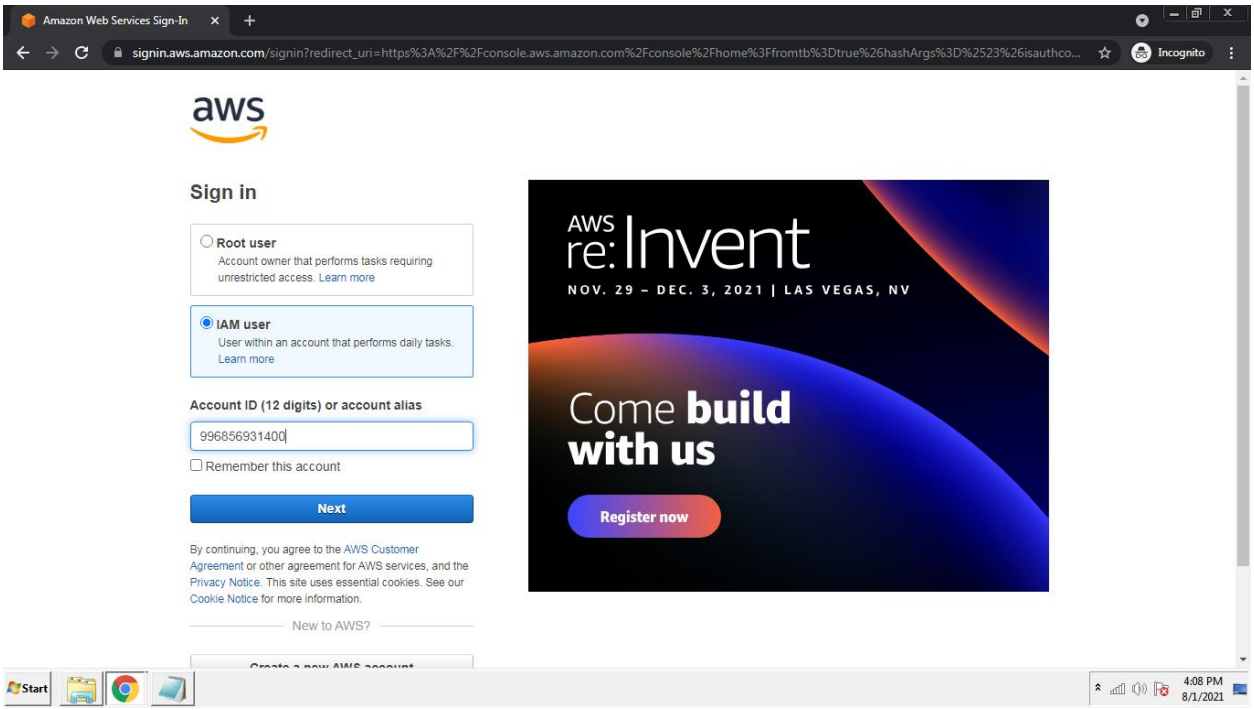


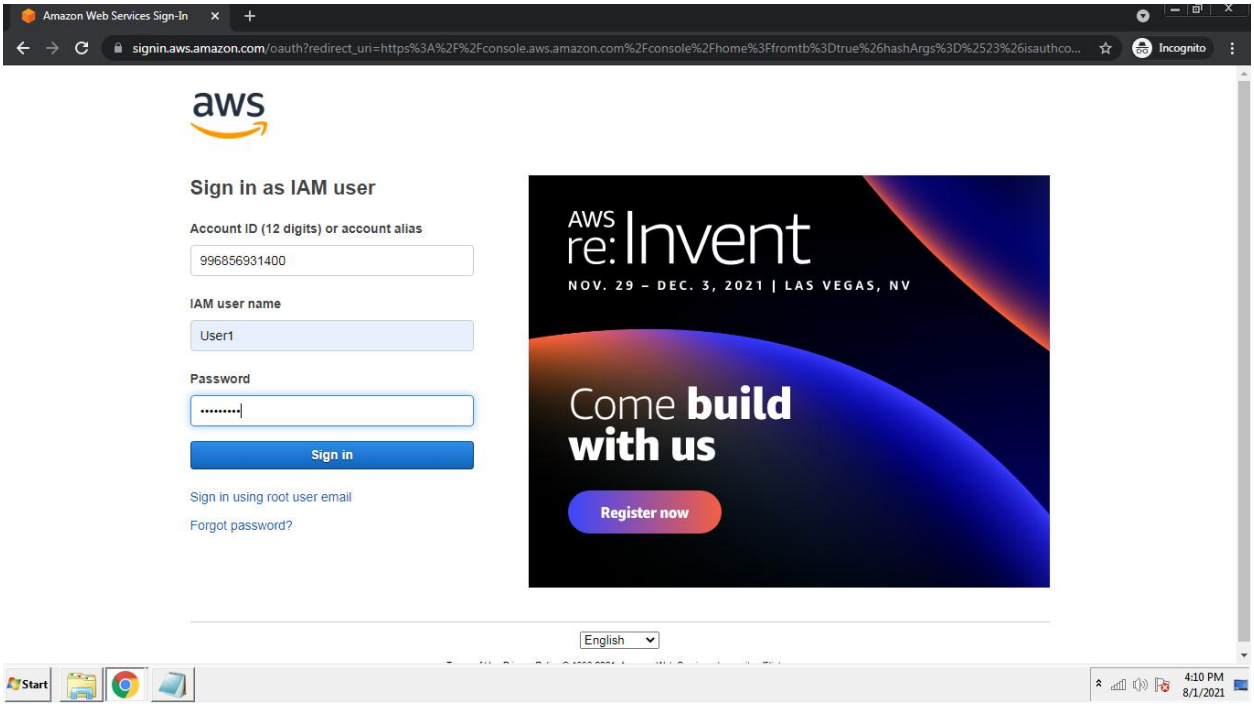
Policy given to group access is **AmazonEC2FullAccess**

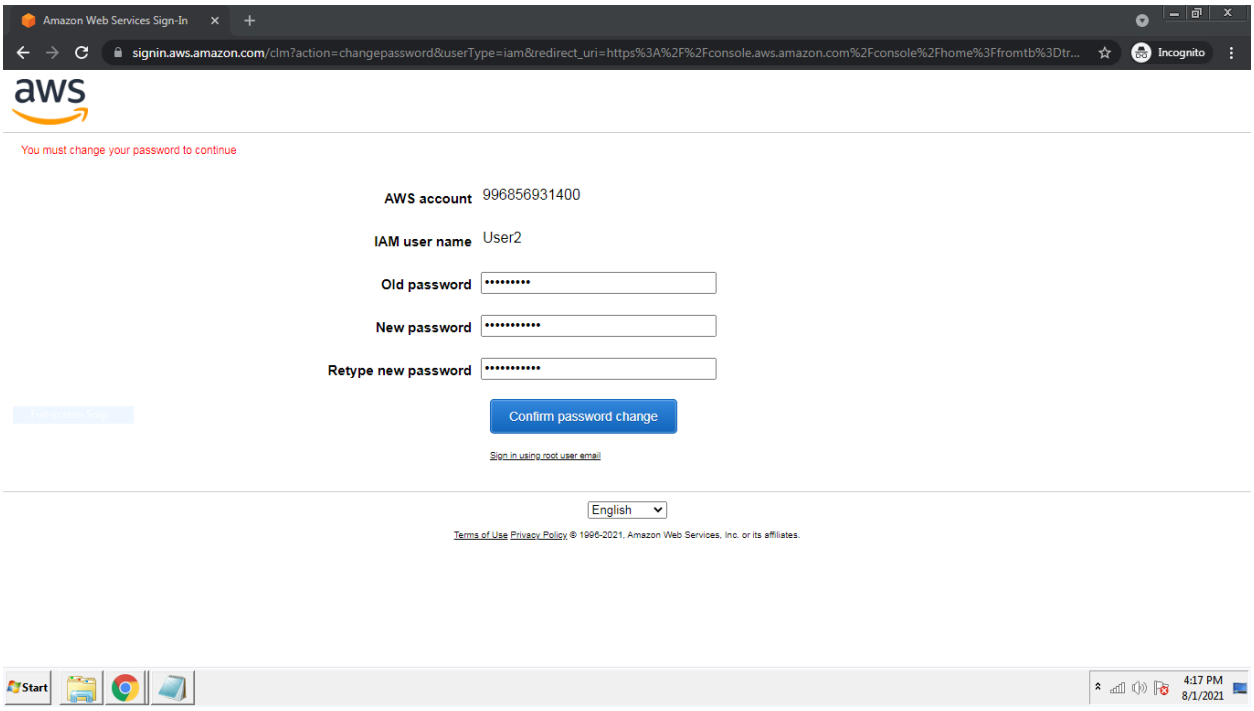




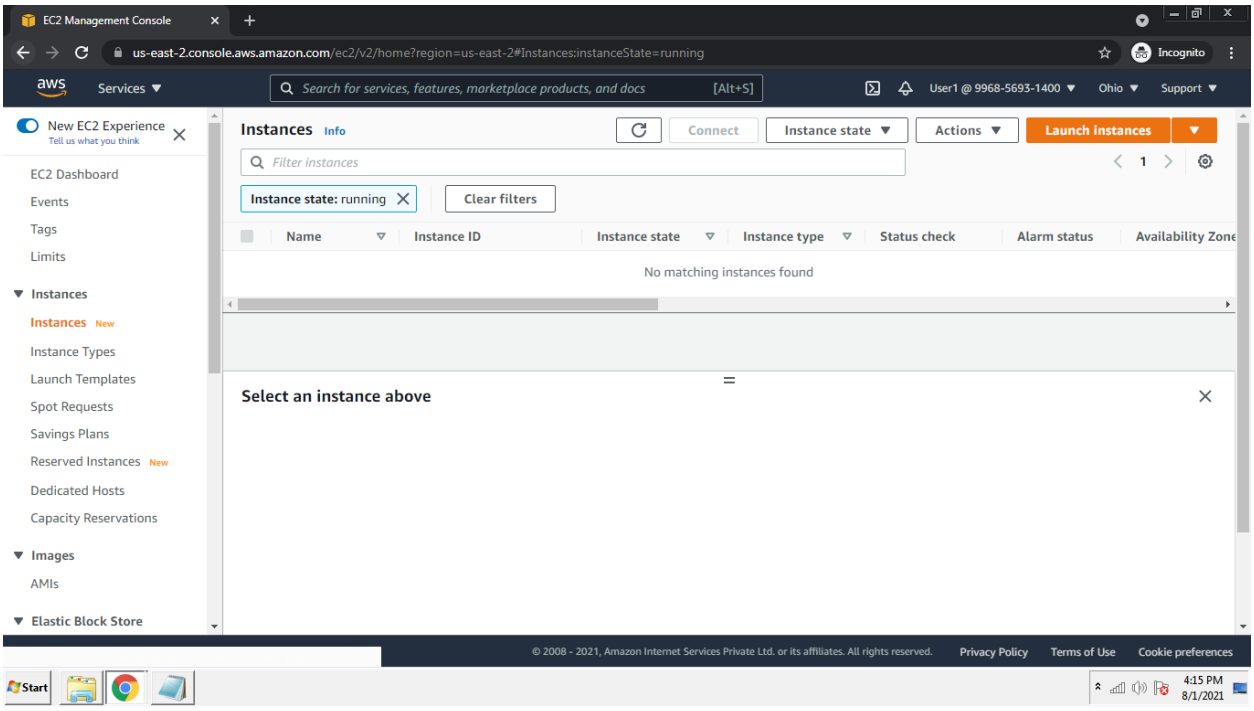
❖Login details for User1:



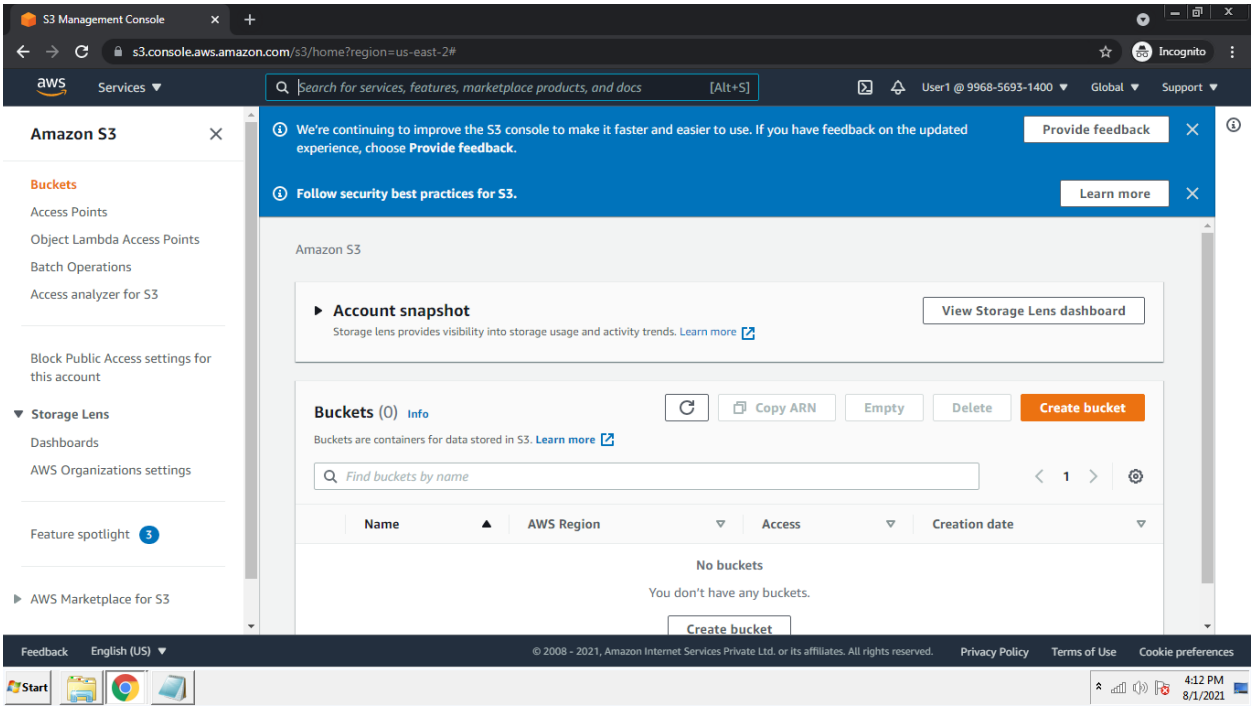

Amazon Web Services Sign-In
signin.aws.amazon.com/oauth?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3Ffromtb%3Dtrue%26hashArgs%3D%2523%26isauthco...
Incognito
aws
Sign in as IAM user
Account ID (12 digits) or account alias
996856931400
IAM user name
User1
Password
Sign in
Sign in using root user email
Forgot password?
AWS re:Invent
NOV. 29 – DEC. 3, 2021 | LAS VEGAS, NV
Come build with us
Register now
English
Start
4:10 PM
8/1/2021


Amazon Web Services Sign-In
signin.aws.amazon.com/clm?action=changepassword&userType=iam&redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3Ffromtb%3Dtr...
Incognito
aws
You must change your password to continue
AWS account 996856931400
IAM user name User2
Old password
New password
Retype new password
Confirm password change
Sign in using root user email
English
Terms of Use Privacy Policy © 1996-2021, Amazon Web Services, Inc. or its affiliates.
Start
4:17 PM
8/1/2021

Checking group permissions for User1:

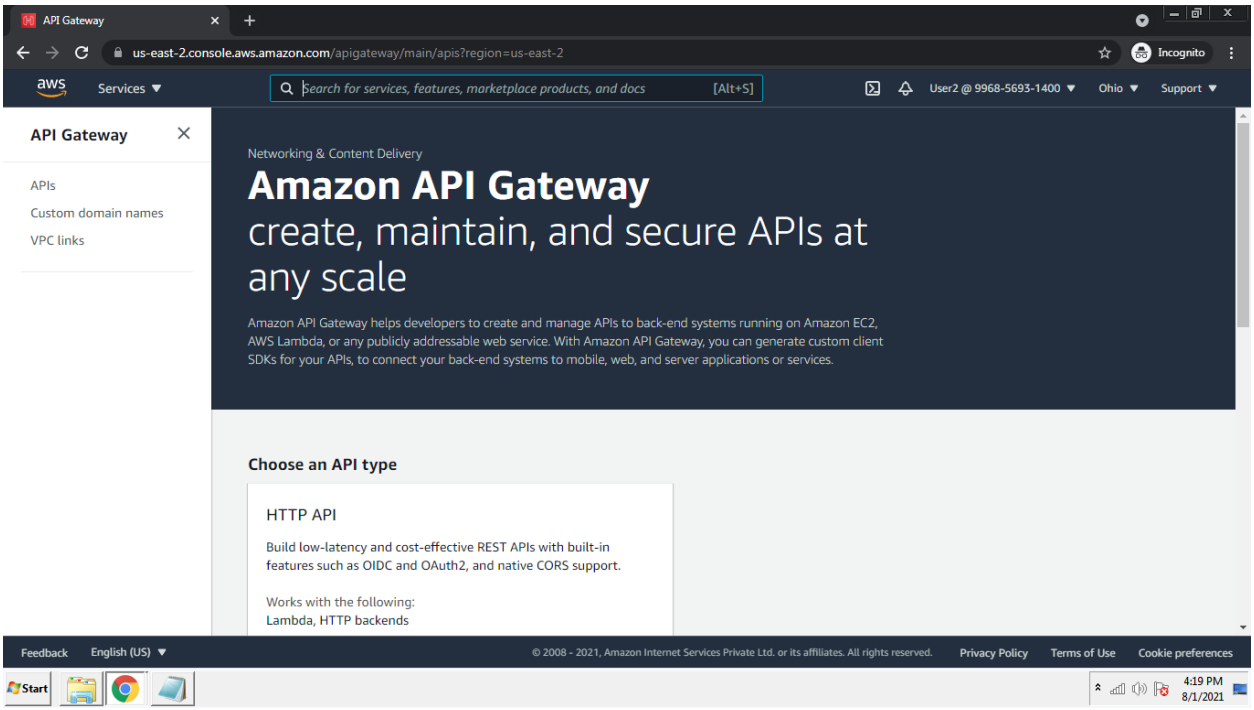


Checking User1 permissions:

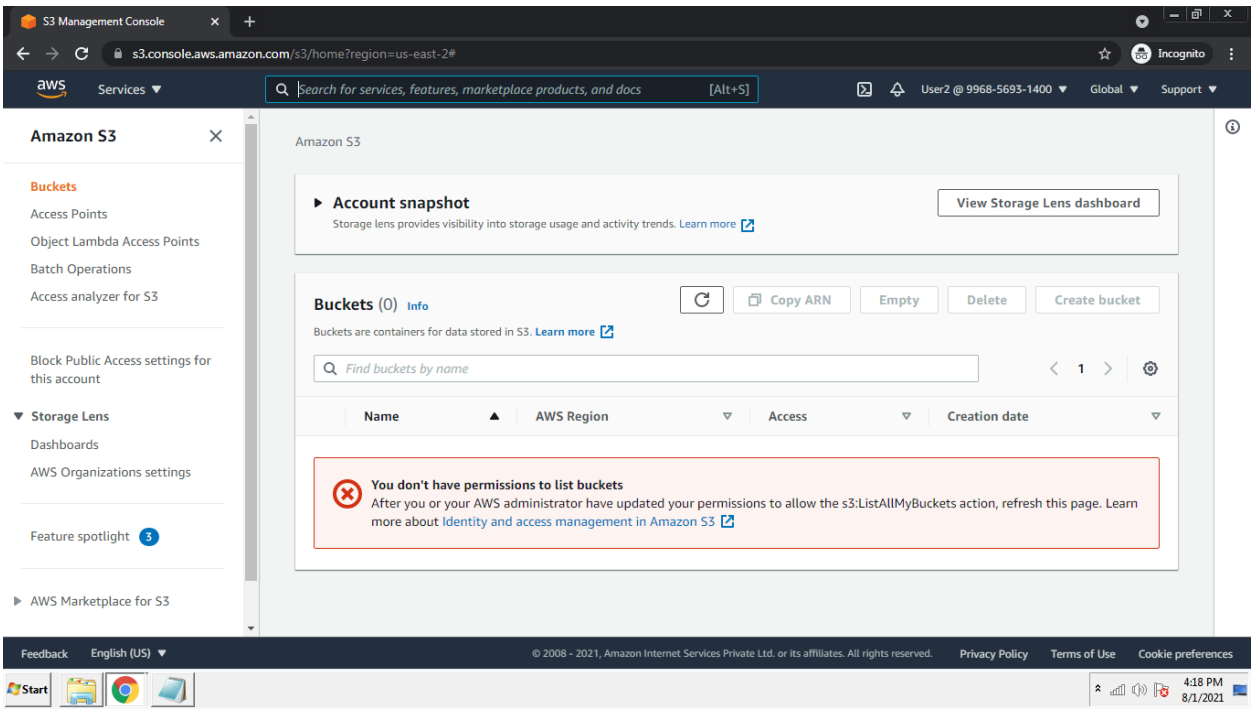


The login process for User2 and User3 is same as User1.

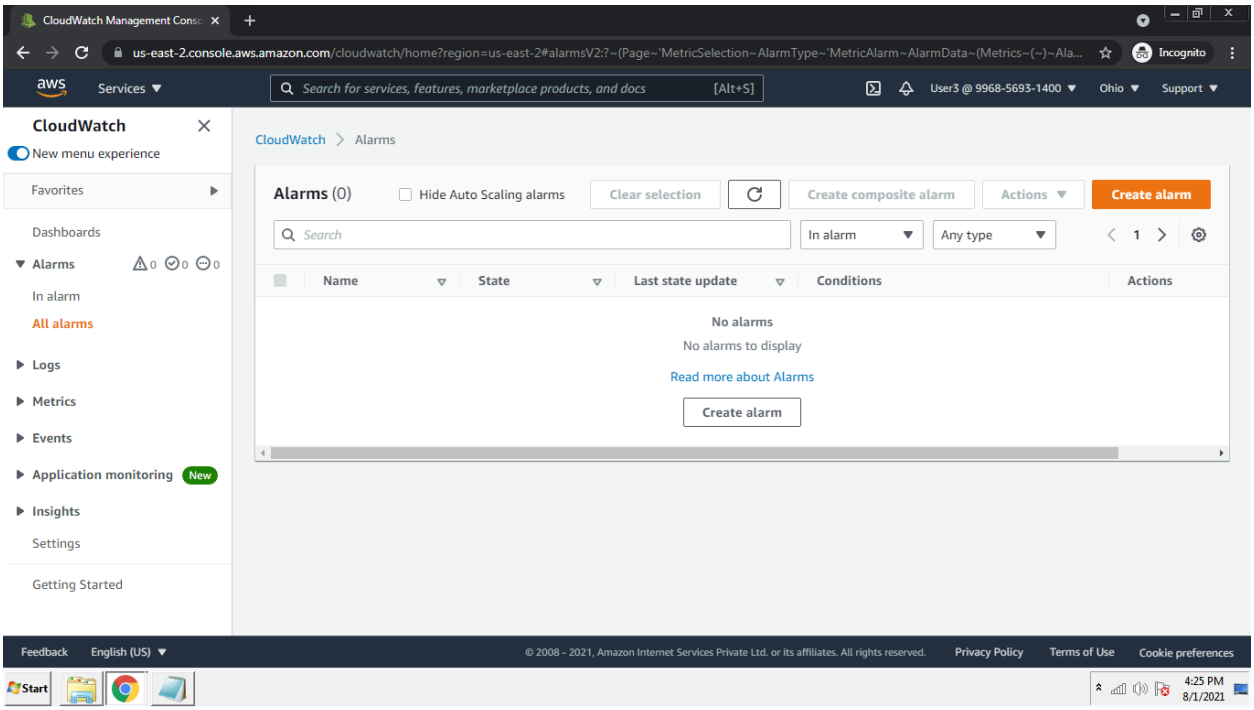
Checking User2 permissions:



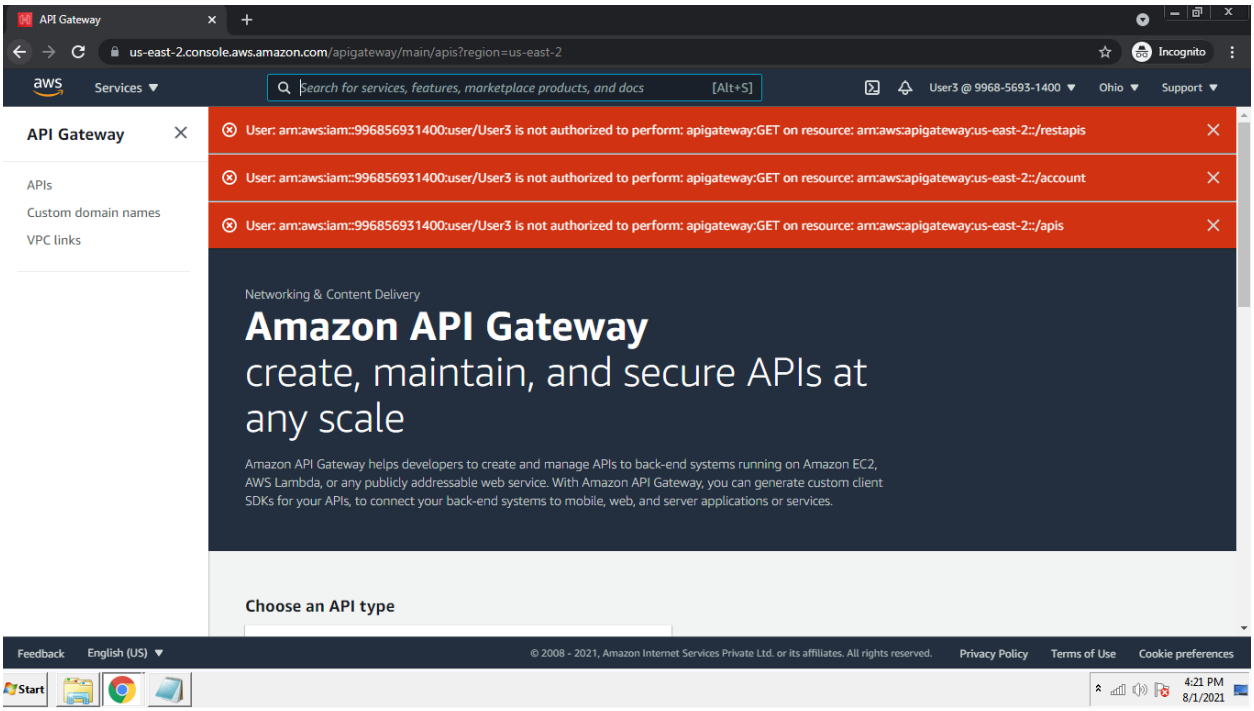
We didn't give permission to User2 to access S3 so it pop-ups the error message



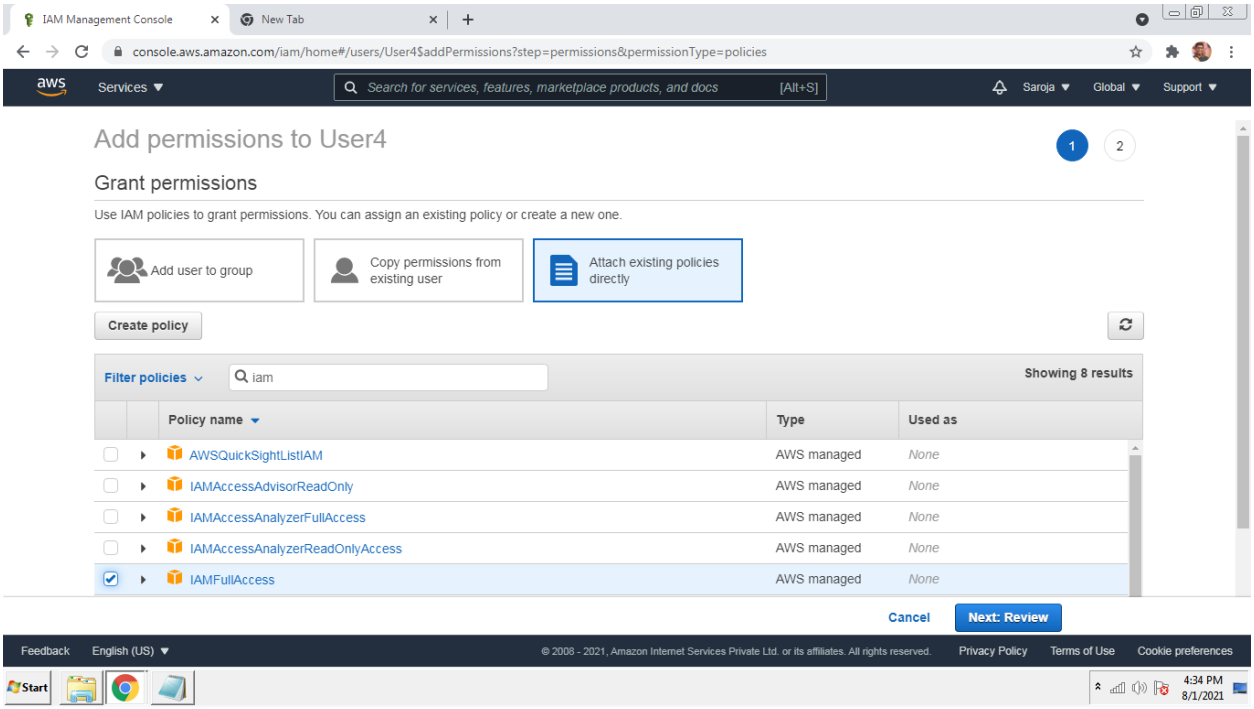
Checking User3 permissions:

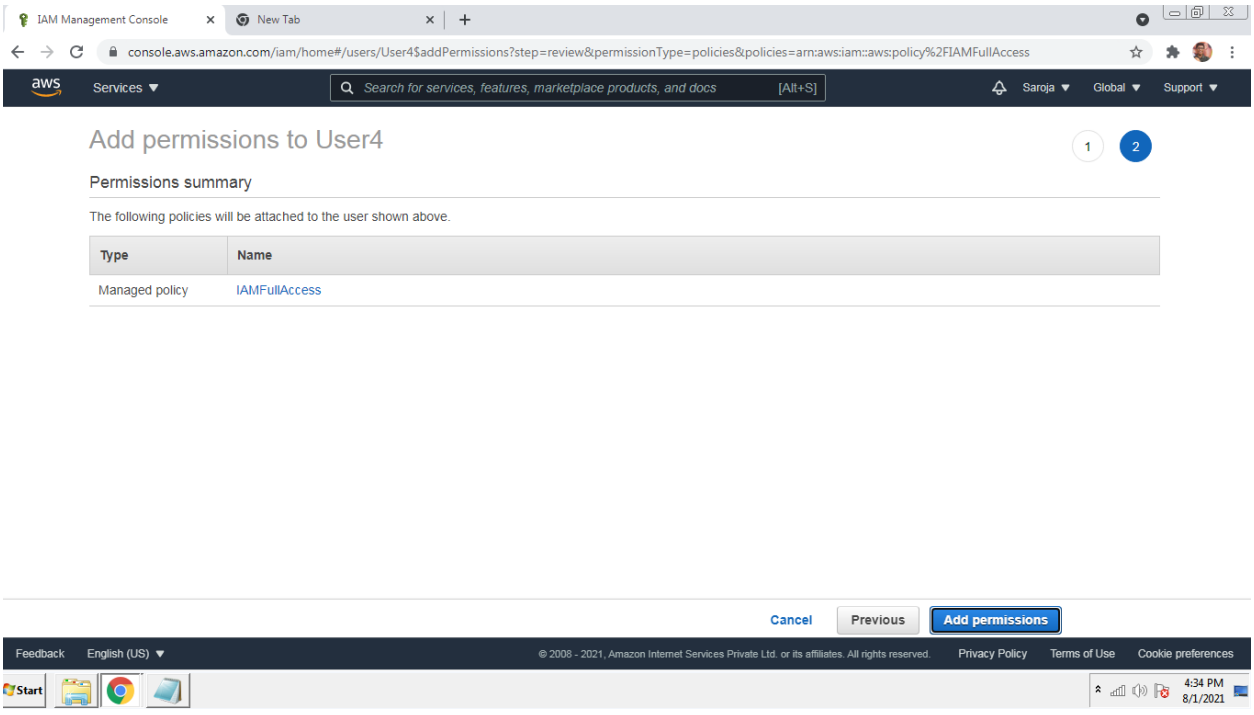


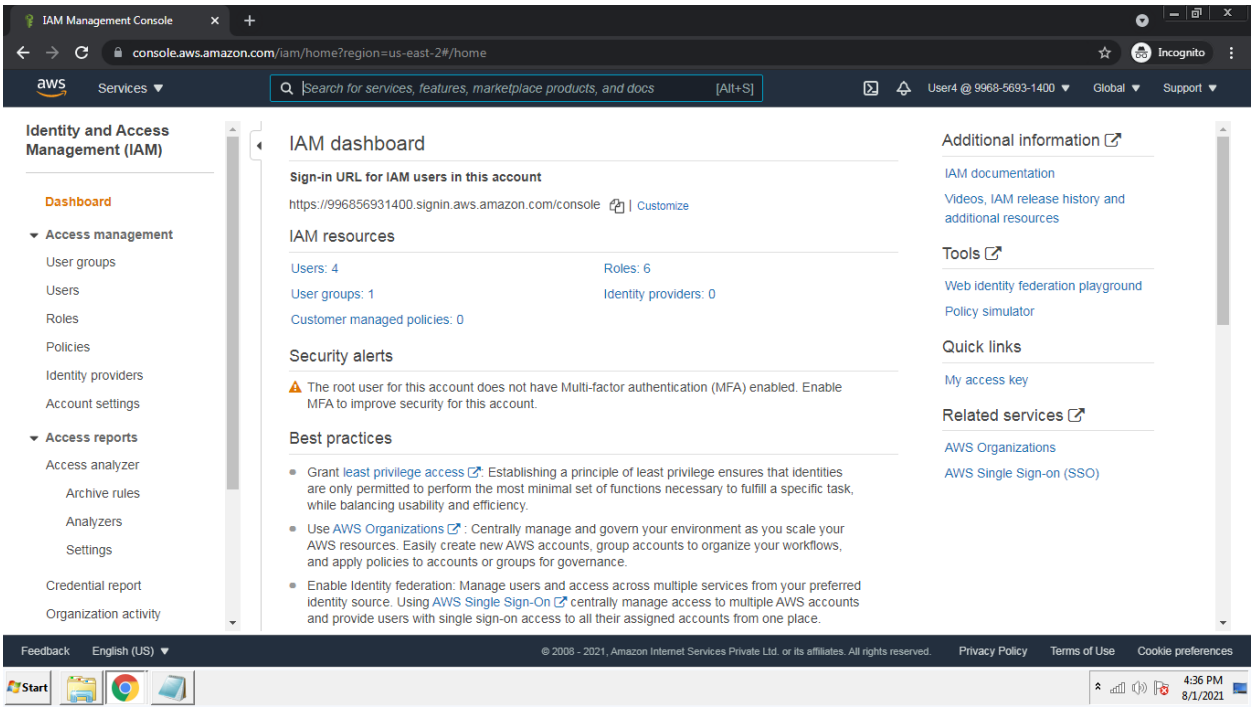
We didn't give permission to User3 to access AmazonAPIGatewayAdministrator so it pop-ups the error message



The policy that gives access to IAM is IAMfullAccess.
I've created User4 with **IAMfullAccess** in permissions






IAM Management Console
console.aws.amazon.com/iam/home?region=us-east-2#/home
Incognito
aws
Services
Search for services, features, marketplace products, and docs [Alt+S]
User4 @ 9968-5693-1400
Global
Support
Identity and Access Management (IAM)
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access analyzer
Archive rules
Analyzers
Settings
Credential report
Organization activity
IAM dashboard
Sign-in URL for IAM users in this account
https://996856931400.signin.aws.amazon.com/console | Customize
IAM resources
Users: 4
Roles: 6
User groups: 1
Identity providers: 0
Customer managed policies: 0
Security alerts
The root user for this account does not have Multi-factor authentication (MFA) enabled. Enable MFA to improve security for this account.
Best practices
Grant least privilege access: Establishing a principle of least privilege ensures that identities are only permitted to perform the most minimal set of functions necessary to fulfill a specific task, while balancing usability and efficiency.
Use AWS Organizations: Centrally manage and govern your environment as you scale your AWS resources. Easily create new AWS accounts, group accounts to organize your workflows, and apply policies to accounts or groups for governance.
Enable Identity federation: Manage users and access across multiple services from your preferred identity source. Using AWS Single Sign-On centrally manage access to multiple AWS accounts and provide users with single sign-on access to all their assigned accounts from one place.
Additional information
IAM documentation
Videos, IAM release history and additional resources
Tools
Web identity federation playground
Policy simulator
Quick links
My access key
Related services
AWS Organizations
AWS Single Sign-on (SSO)
Feedback
English (US)
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Start
4:36 PM
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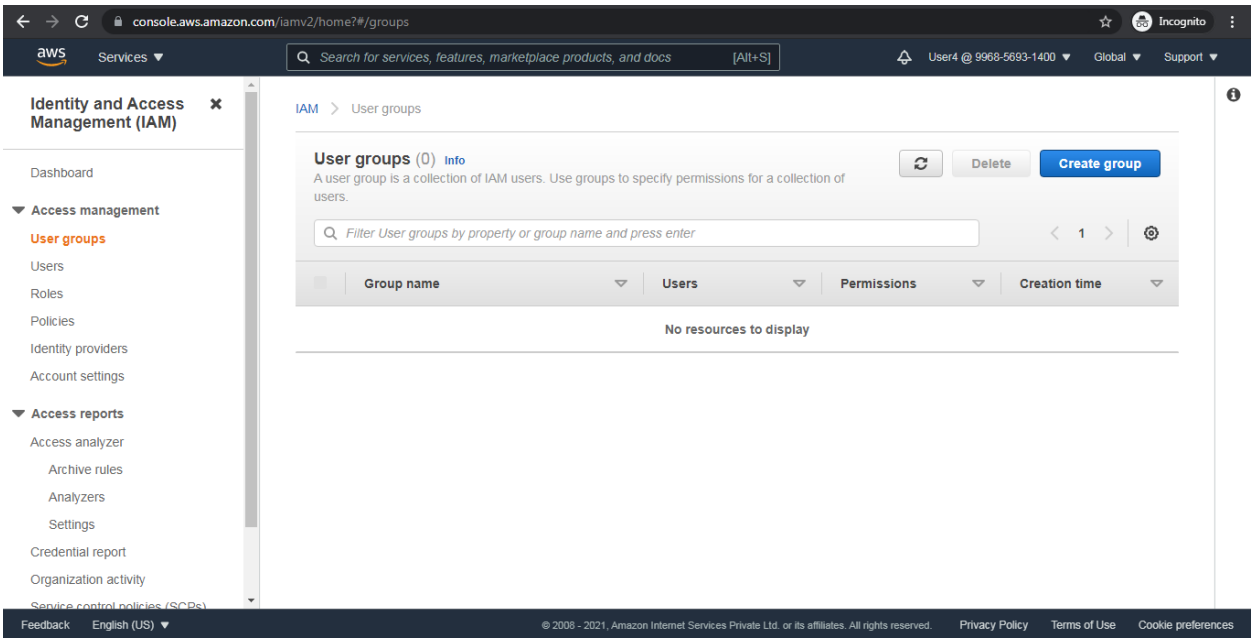
console.aws.amazon.com/iamv2/home?#/groups
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User4 @ 9968-5693-1400
Global
Support
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Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access analyzer
Archive rules
Analyzers
Settings
Credential report
Organization activity
IAM > User groups
User groups (0) Info
A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.
Delete
Create group
Filter User groups by property or group name and press enter
1
Group name
Users
Permissions
Creation time
No resources to display
Feedback
English (US)
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