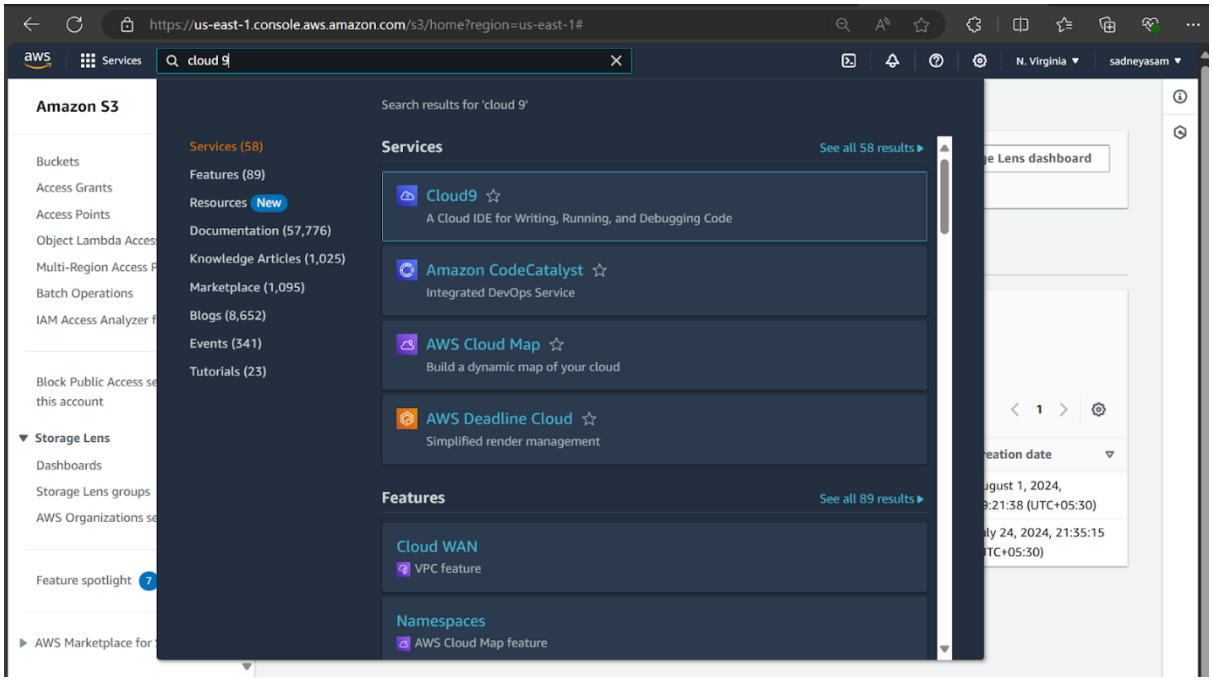
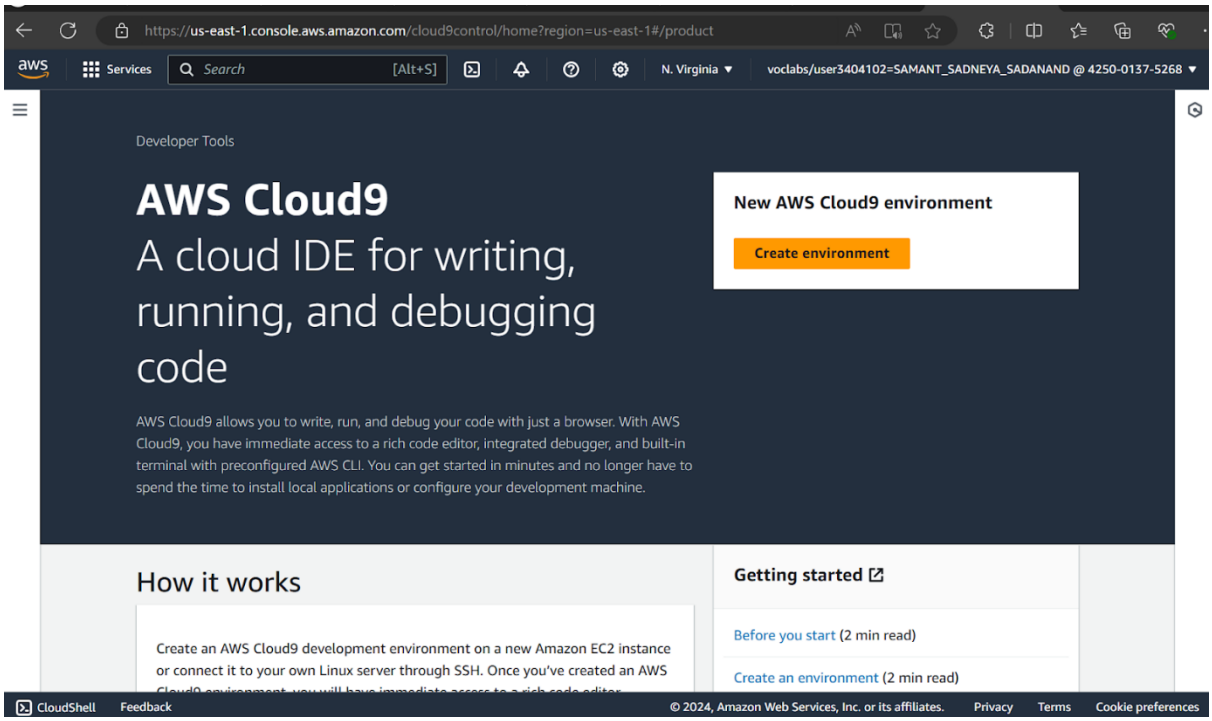
Experiment 1B

Creation of Cloud9 Environment

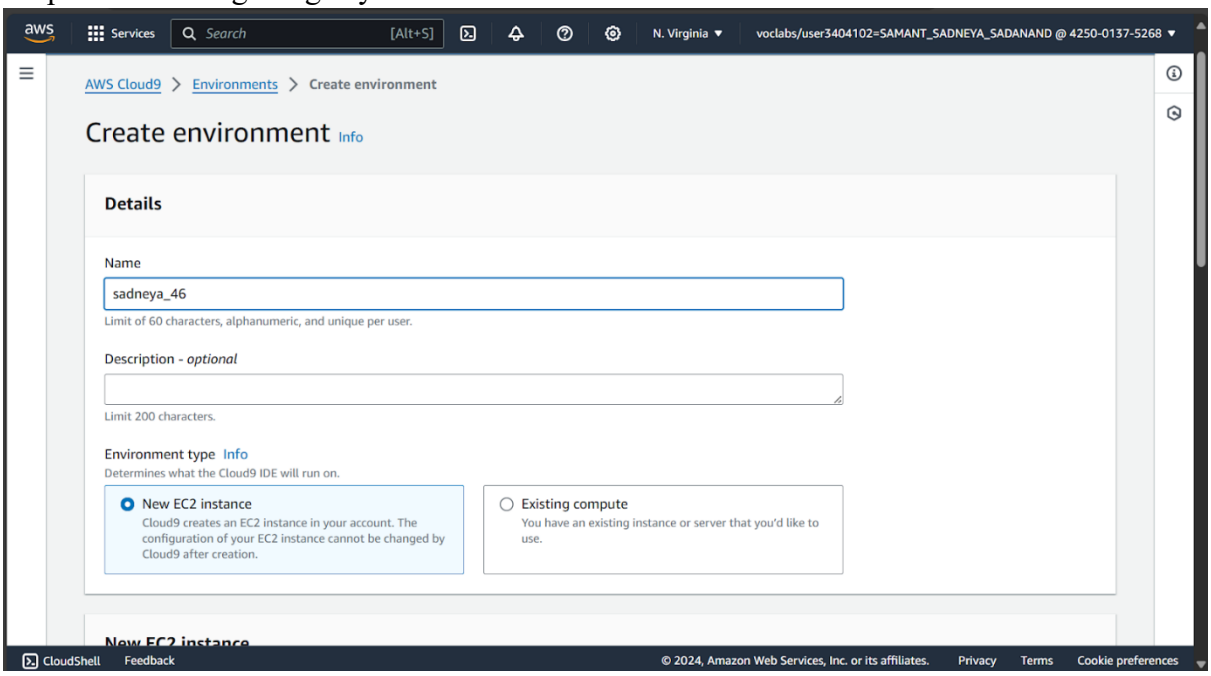
1.Go to the amazon console page.

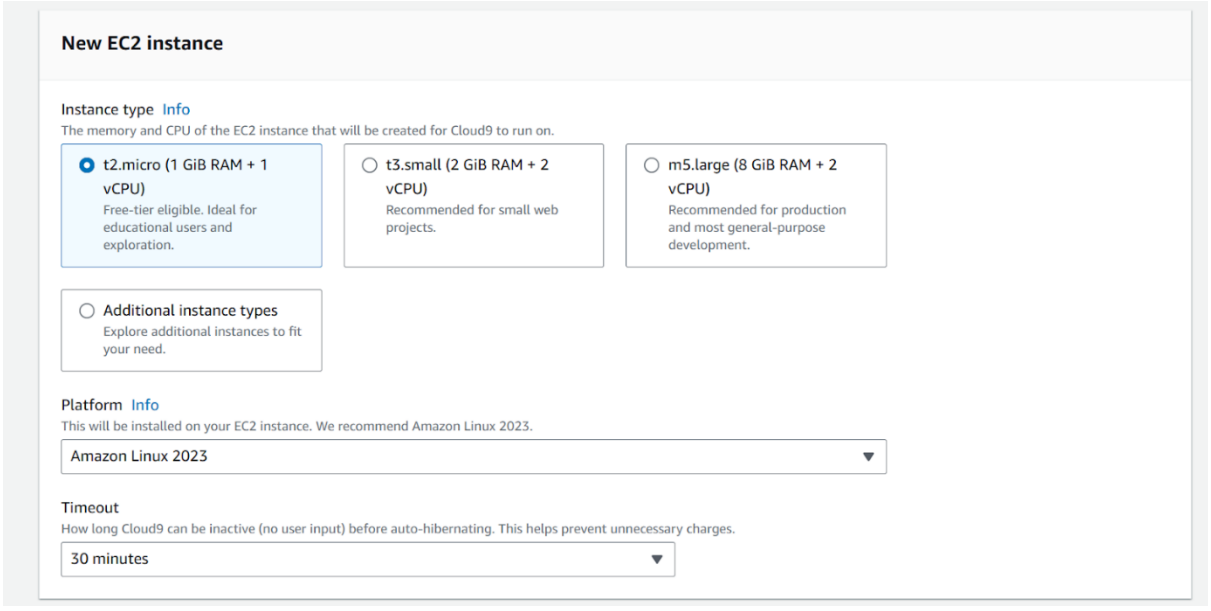


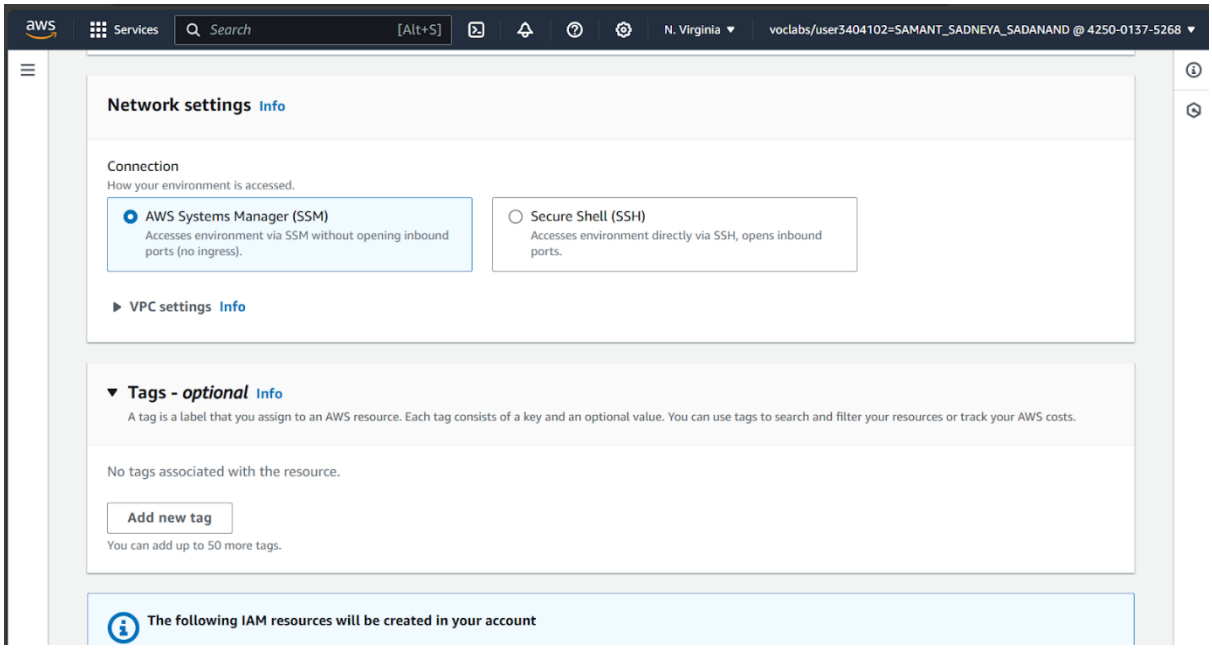
2.click on create environment.

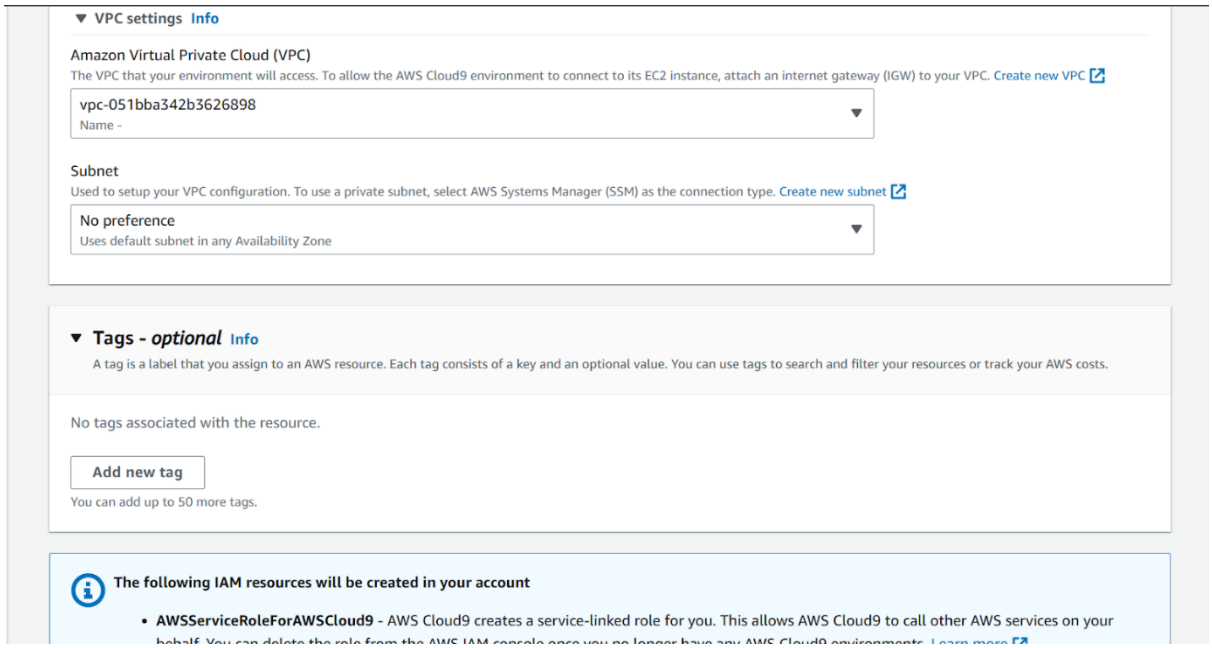


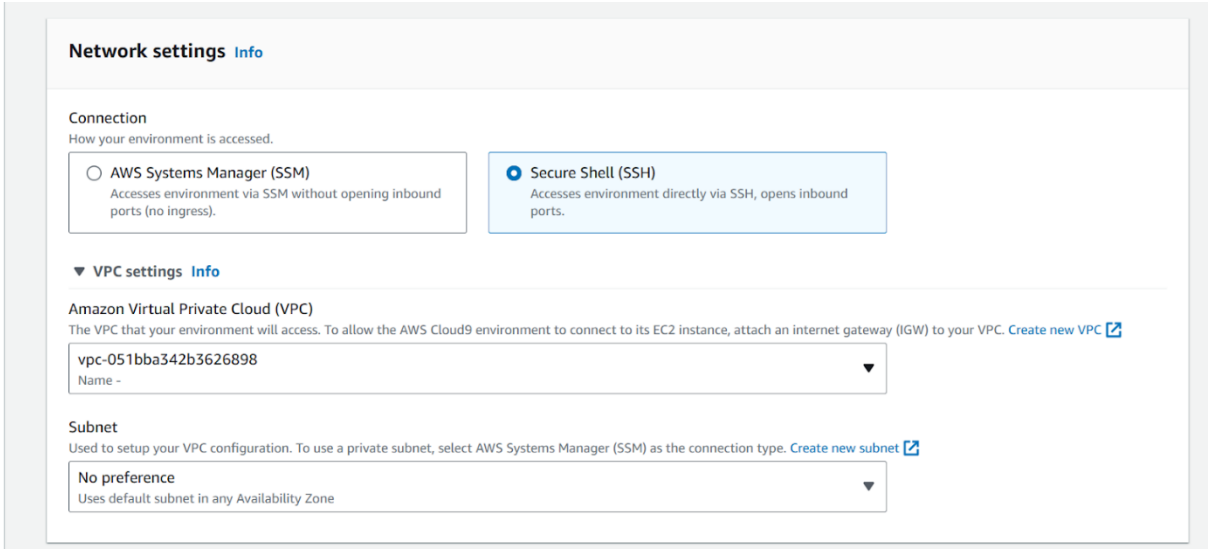
3. Give the name to your environment. Here I have given the name as sadneya_46. keep the remaining things by default.



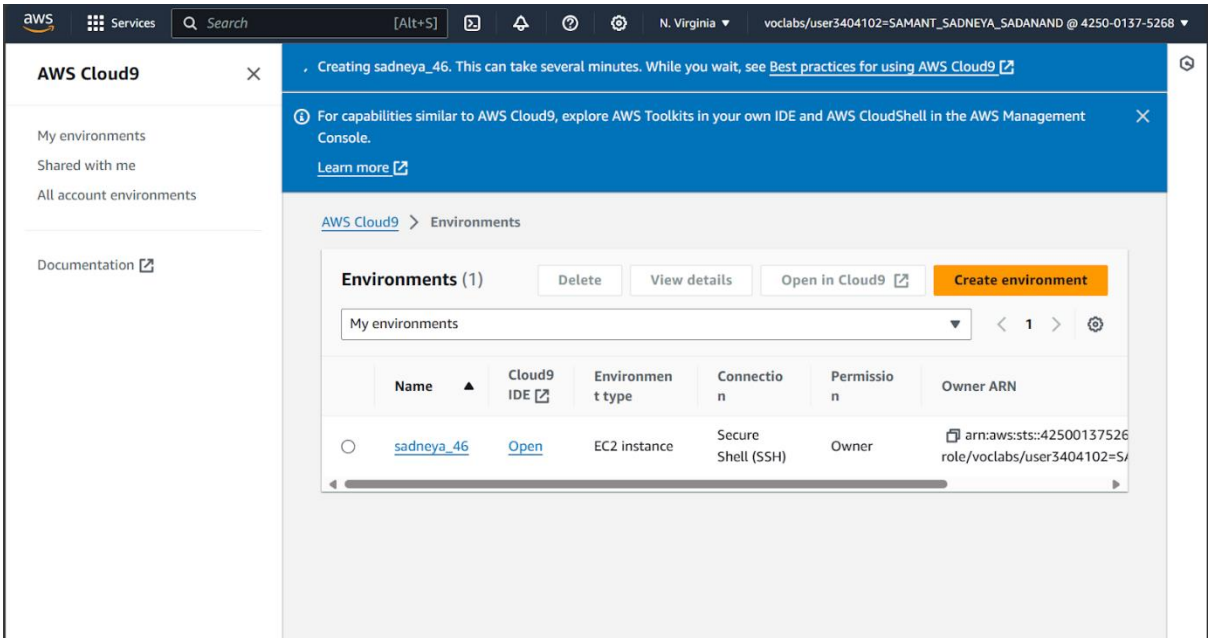



aws
Services
Search
[Alt+S]
N. Virginia
voclabs/user3404102=SAMANT_SADNEYA_SADANAND @ 4250-0137-5268
Network settings Info
Connection
How your environment is accessed.
AWS Systems Manager (SSM)
Accesses environment via SSM without opening inbound ports (no ingress).
Secure Shell (SSH)
Accesses environment directly via SSH, opens inbound ports.
VPC settings Info
Tags - optional Info
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.
No tags associated with the resource.
Add new tag
You can add up to 50 more tags.
The following IAM resources will be created in your account


VPC settings Info
Amazon Virtual Private Cloud (VPC)
The VPC that your environment will access. To allow the AWS Cloud9 environment to connect to its EC2 instance, attach an internet gateway (IGW) to your VPC. Create new VPC
vpc-051bba342b3626898
Name -
Subnet
Used to setup your VPC configuration. To use a private subnet, select AWS Systems Manager (SSM) as the connection type. Create new subnet
No preference
Uses default subnet in any Availability Zone
Tags - optional Info
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.
No tags associated with the resource.
Add new tag
You can add up to 50 more tags.
The following IAM resources will be created in your account
AWSServiceRoleForAWSCloud9 - AWS Cloud9 creates a service-linked role for you. This allows AWS Cloud9 to call other AWS services on your

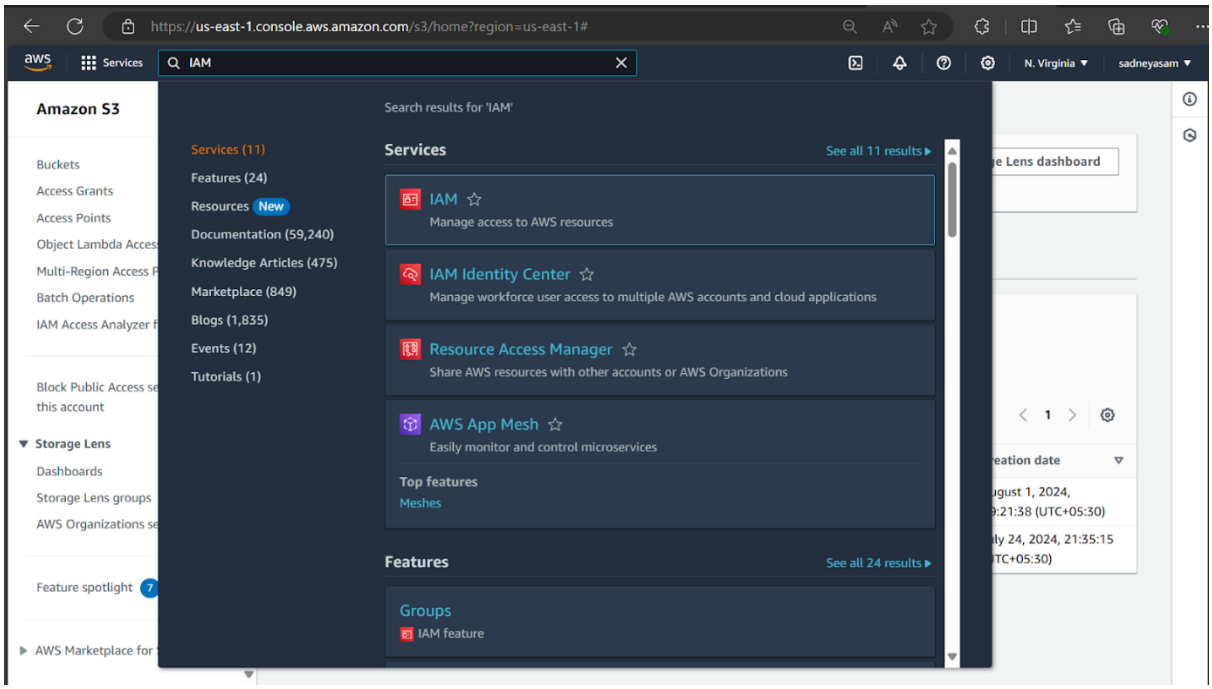


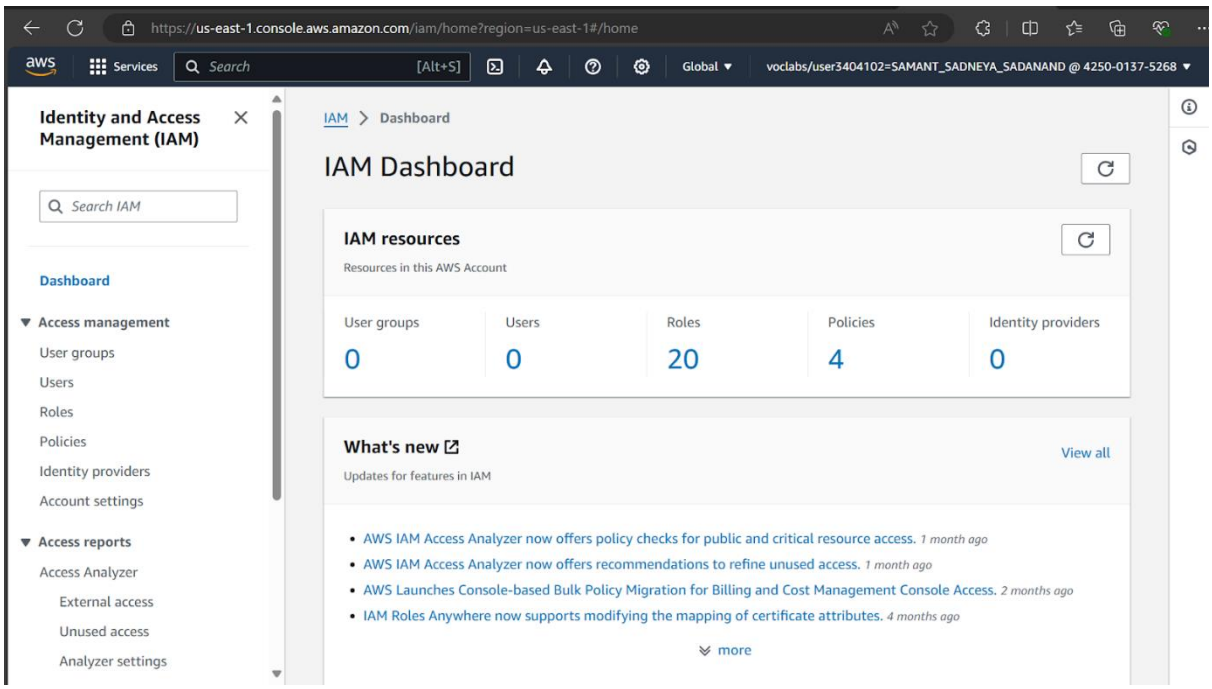
Thus, the environment was created.



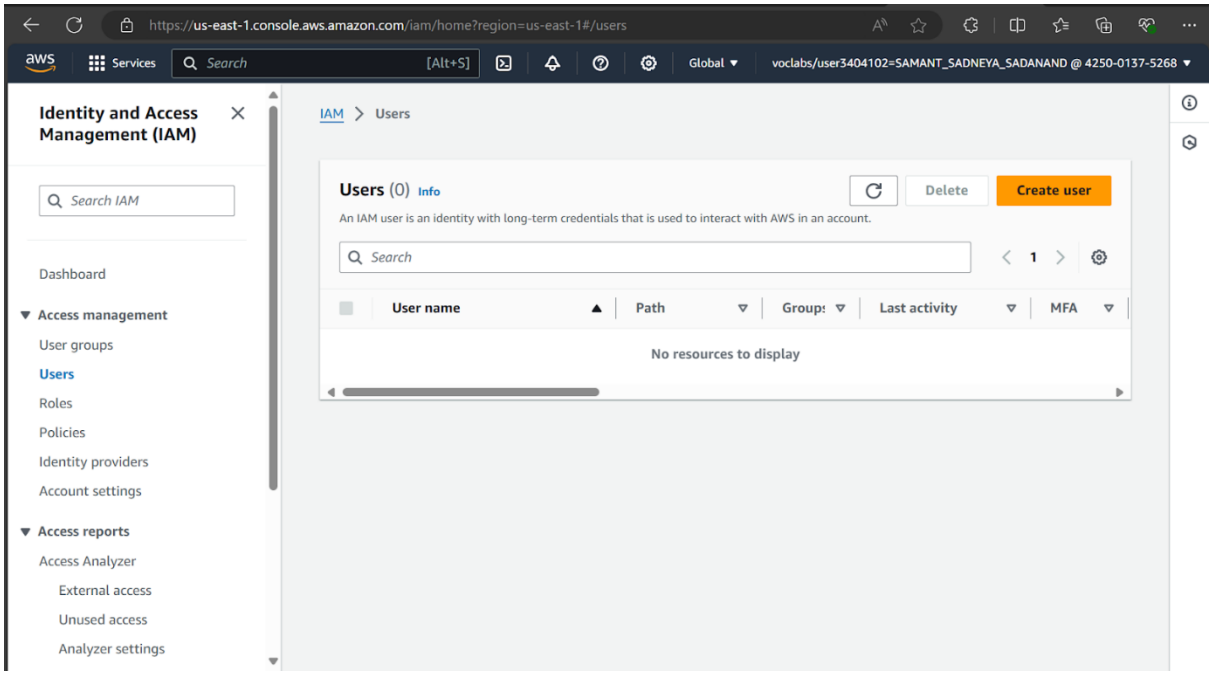
Creation of I am user

1. Go to I am.

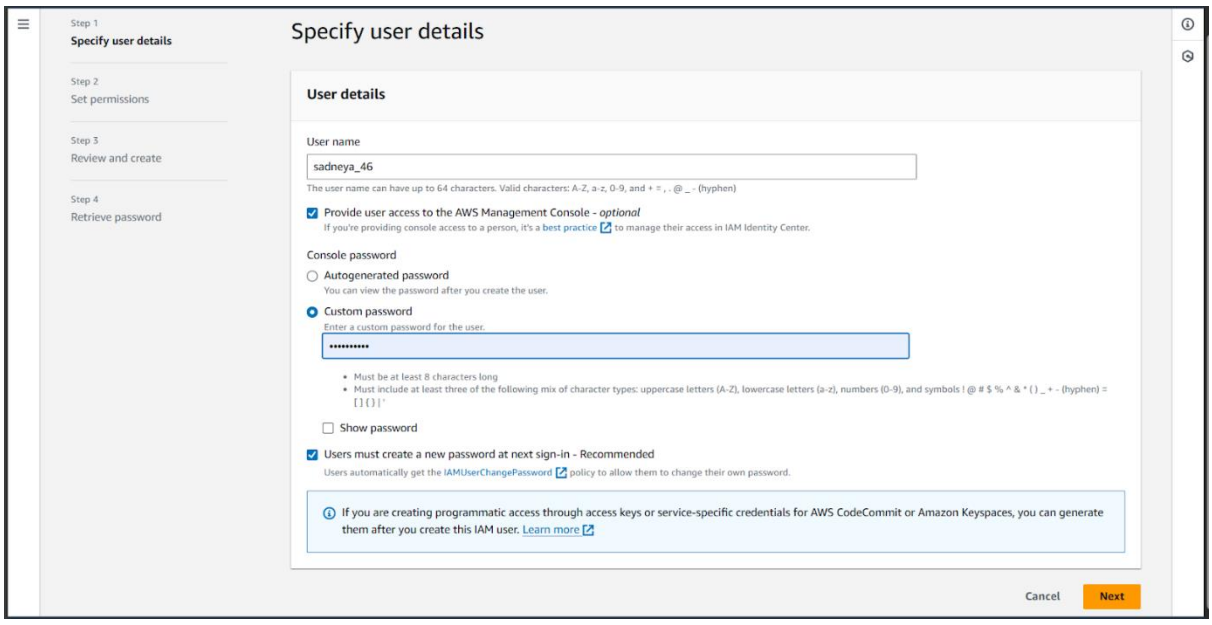




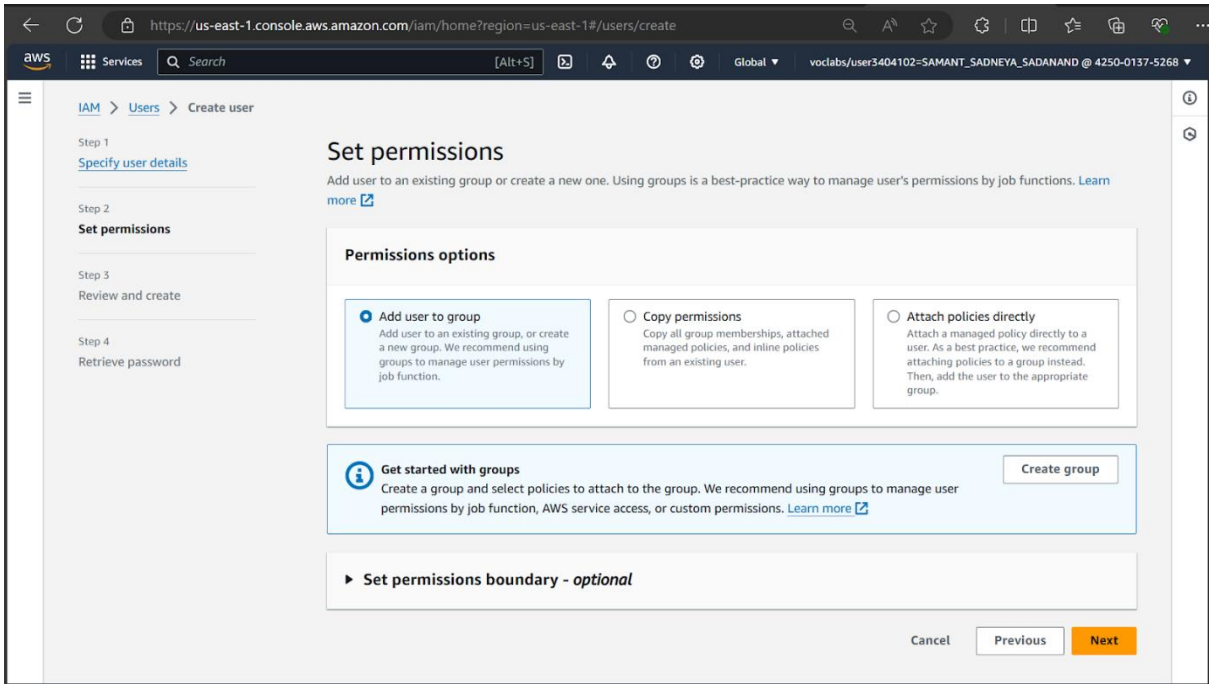
2. Select Users here.
3. Then Click on create user.



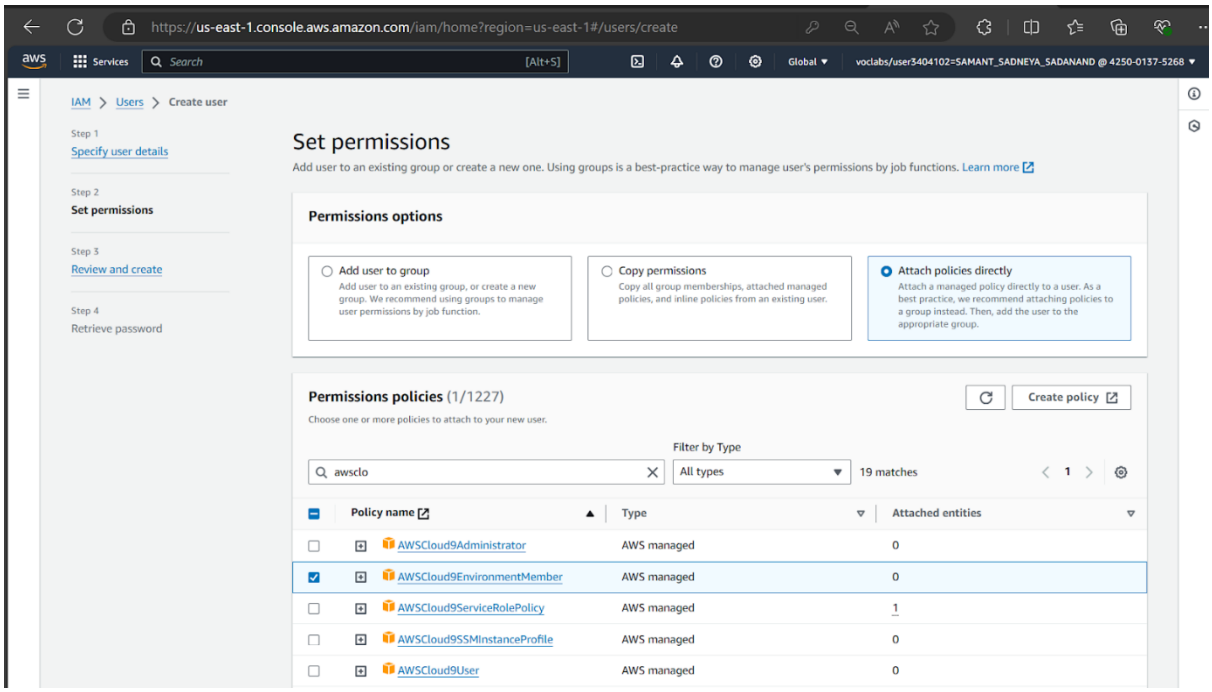
4. Give I AM user name. Here I have given it as sadneya_46. Select custom password and enter your password.



5. Select Add user to group. And click next.

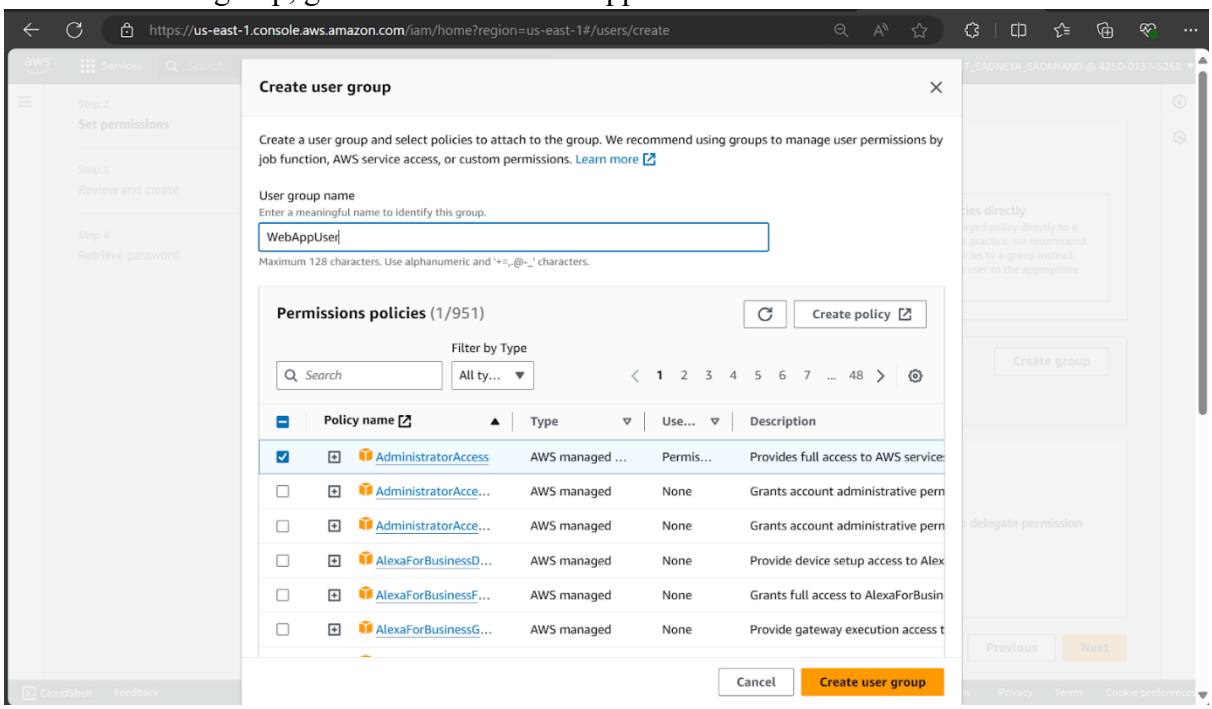


6. Also select permissions. Here I have selected AWSCloud9EnvironmentMember for cloud9 Environment. then click on next.

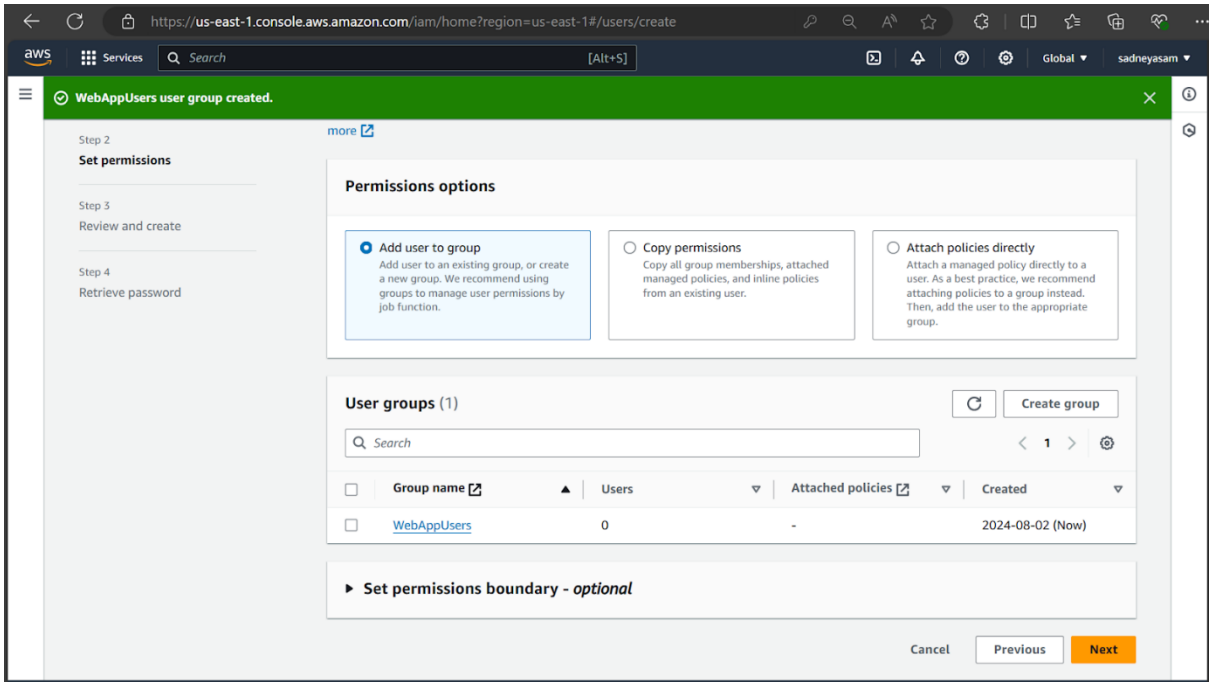


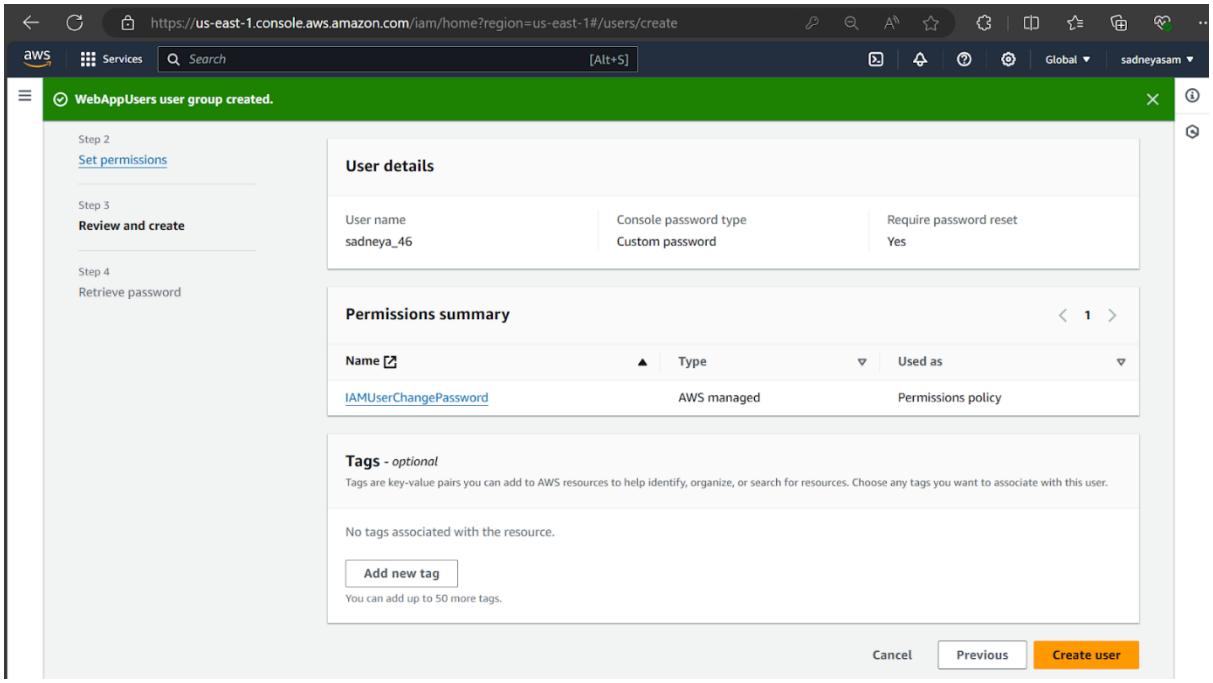
To add user, we need to create

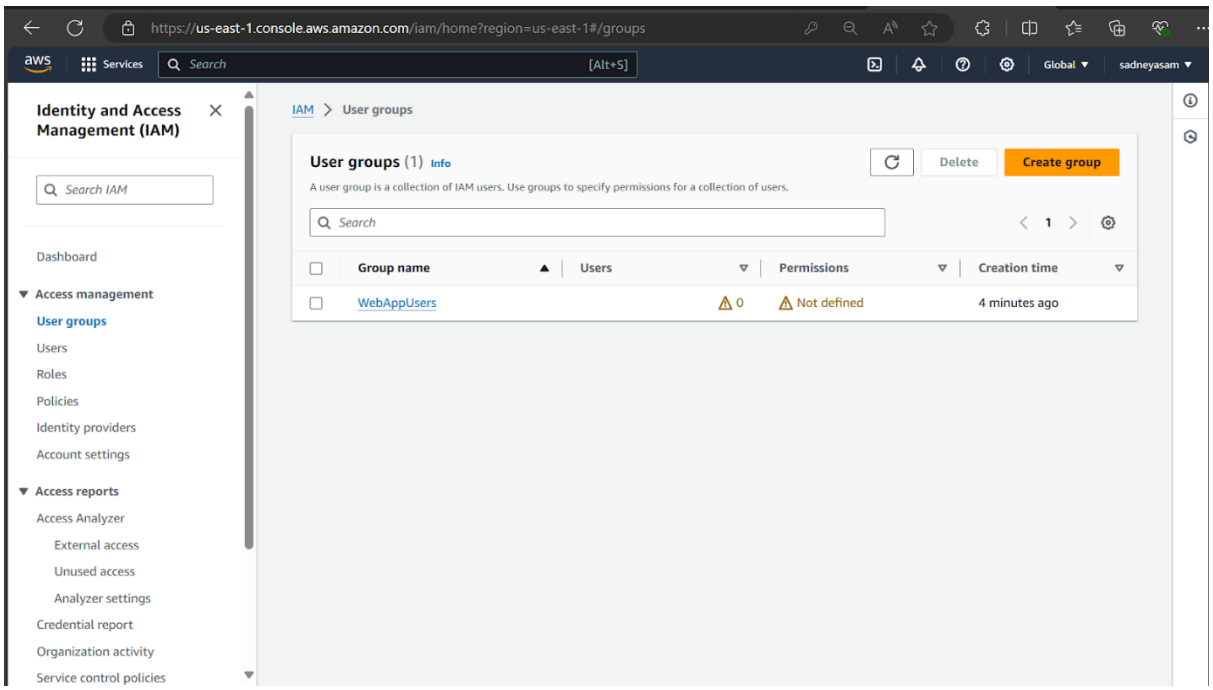
7. To create a user group, give it a name as WebAppUser.

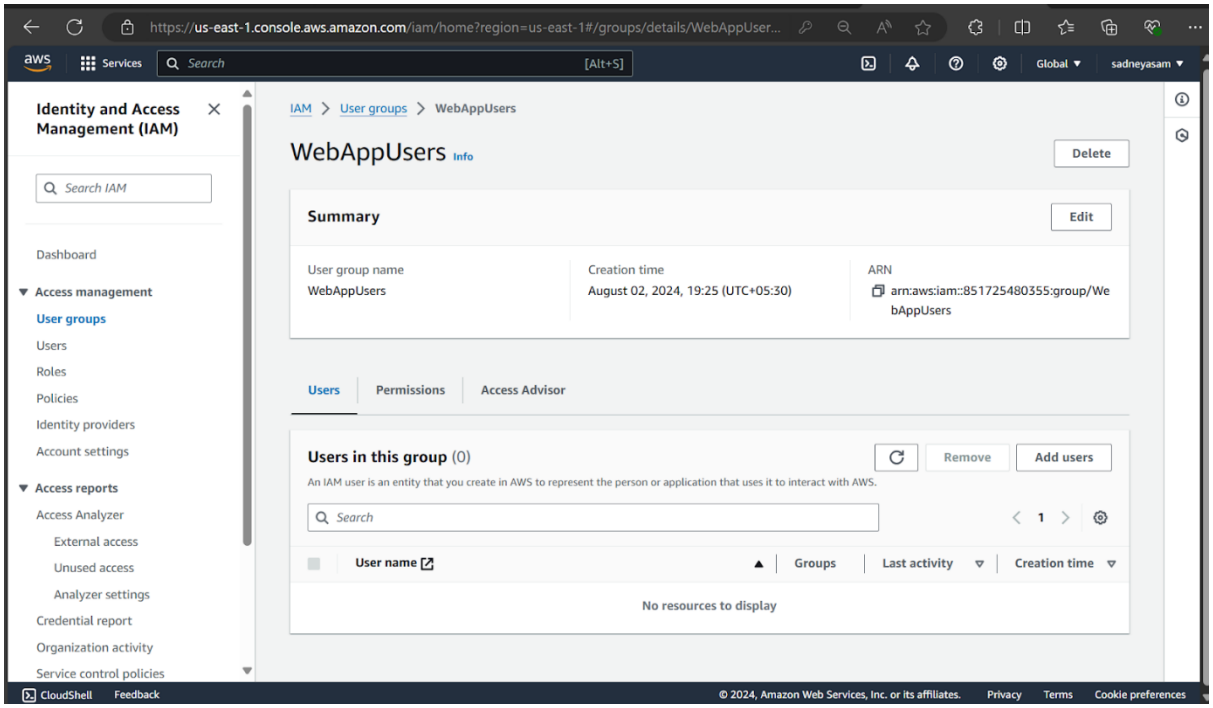


8. Thus, WebAppUser get created successfully.

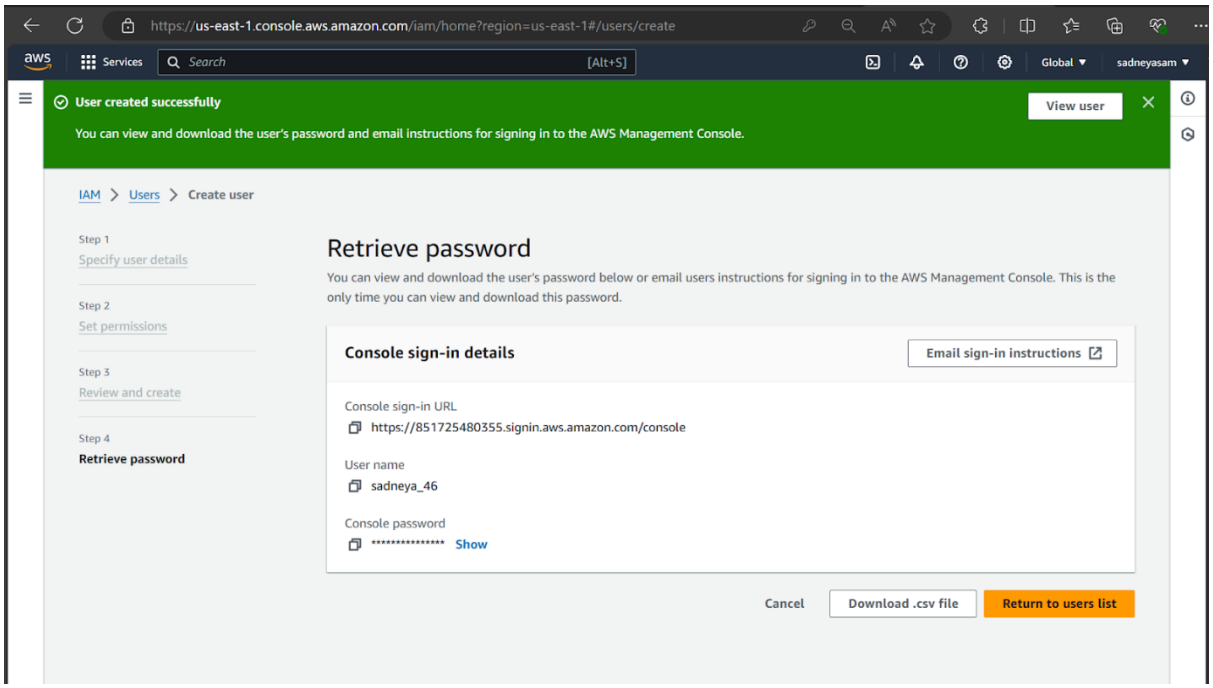



https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/create
aws
Services
Search
[Alt+S]
Global
sadneyasam
WebAppUsers user group created.
Step 2
Set permissions
Step 3
Review and create
Step 4
Retrieve password
User details
User name
sadneya_46
Console password type
Custom password
Require password reset
Yes
Permissions summary
Name
Type
Used as
IAMUserChangePassword
AWS managed
Permissions policy
Tags - optional
Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.
No tags associated with the resource.
Add new tag
You can add up to 50 more tags.
Cancel
Previous
Create user

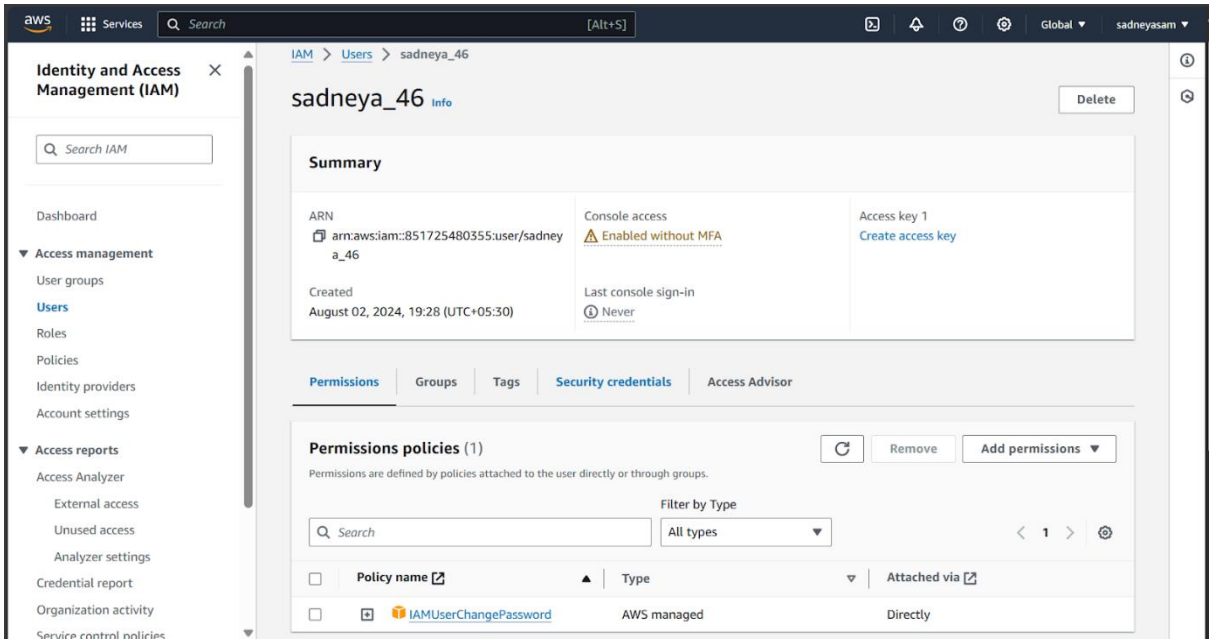

https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups
aws
Services
Search
[Alt+S]
Global
sadneyasam
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
Service control policies
IAM
User groups
User groups (1) Info
A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.
Delete
Create group
Search
Group name
Users
Permissions
Creation time
WebAppUsers
0
Not defined
4 minutes ago



9. Then click on next and thus the user gets successfully created.



10. This is a summary of user created.


aws
Services
Search
[Alt+S]
Global
sadneyasam
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
IAM > Users > sadneya_46
sadneya_46 Info
Delete
Summary
ARN
arn:aws:iam::851725480355:user/sadneya_46
Console access
Enabled without MFA
Access key 1
Create access key
Created
August 02, 2024, 19:28 (UTC+05:30)
Last console sign-in
Never
Permissions
Groups
Tags
Security credentials
Access Advisor
Permissions policies (1)
Permissions are defined by policies attached to the user directly or through groups.
Remove
Add permissions
Filter by Type
Search
All types
1
Policy name
Type
Attached via
IAMUserChangePassword
AWS managed
Directly