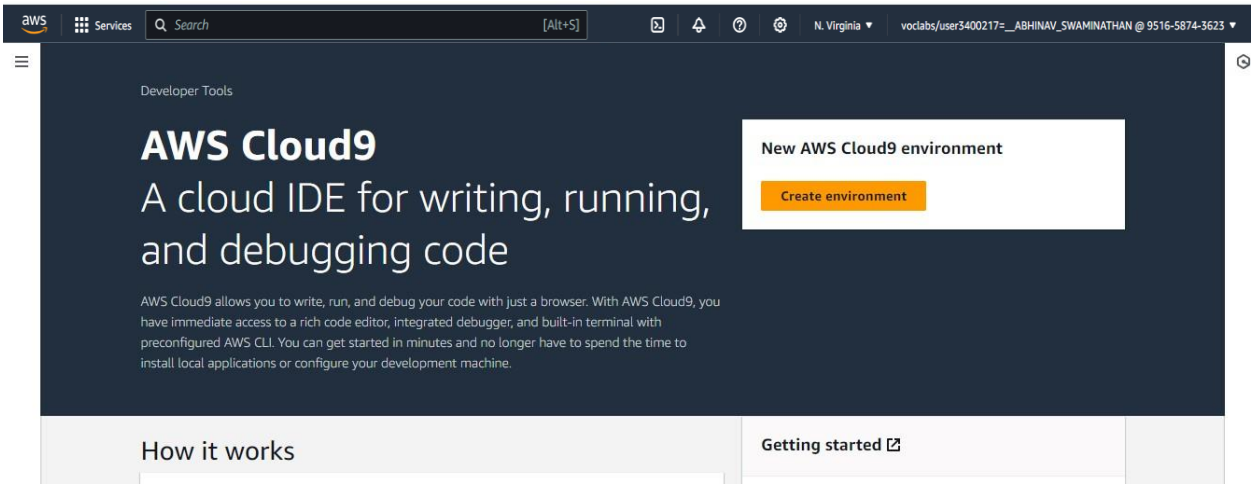
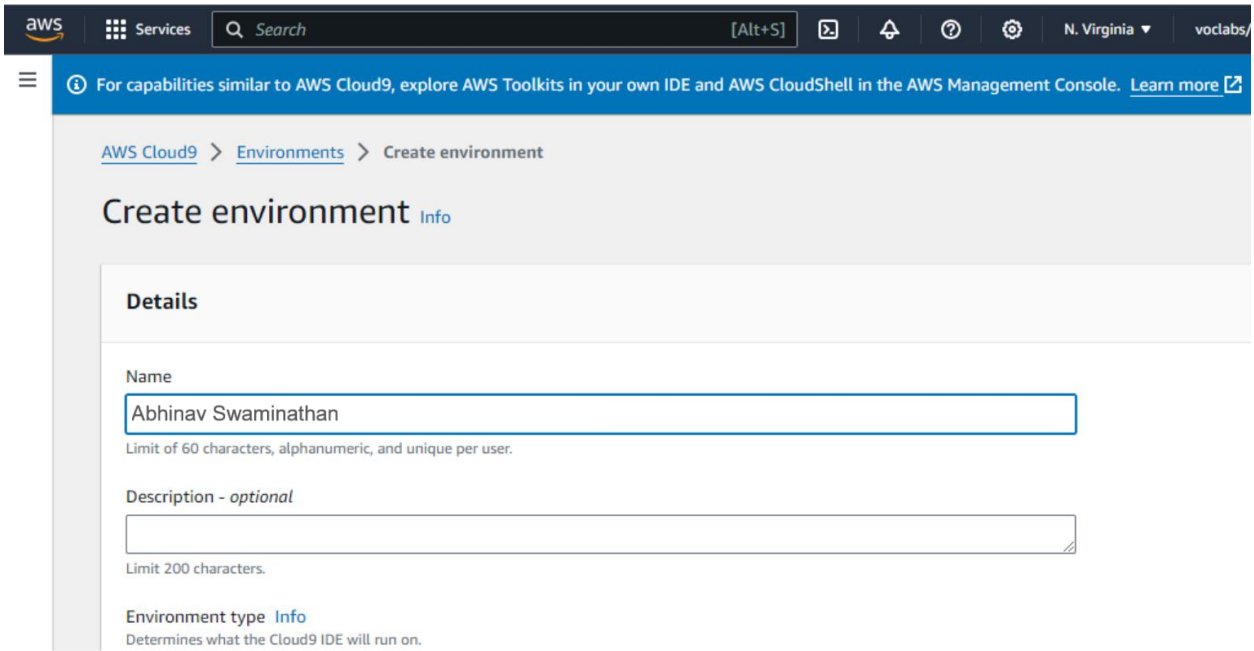
Name: Abhinav Swaminathan D15C Roll No:01

Experiment No. 1B

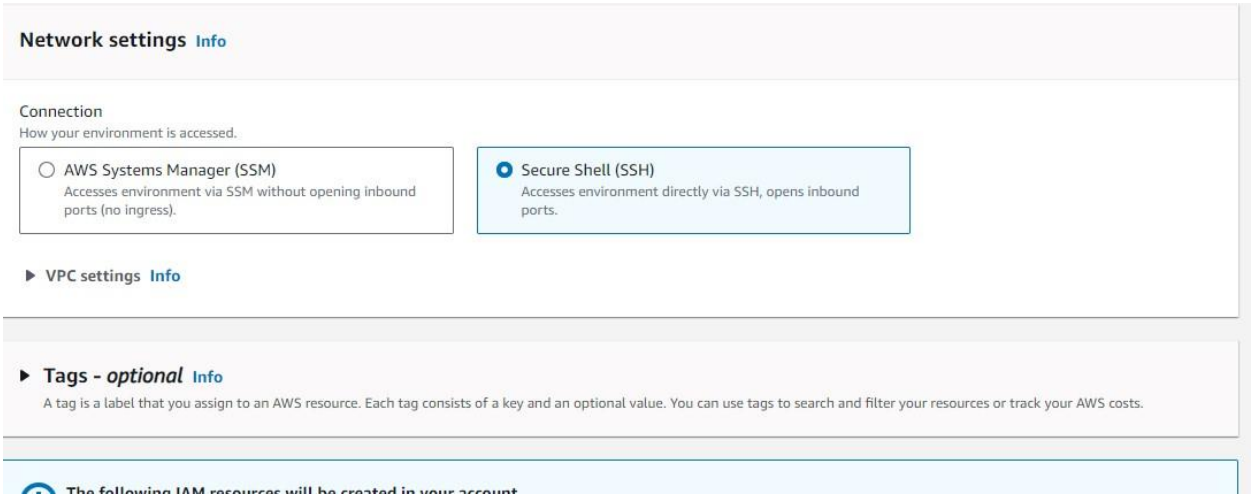
Open the AWS account and search for Cloud9. Click on create environment.



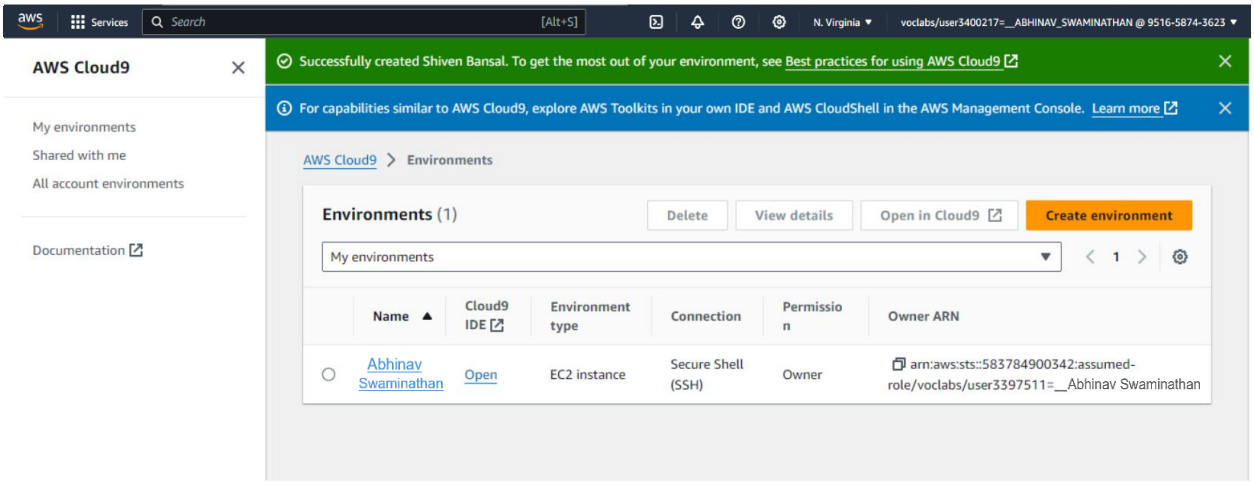
Enter the name and other required configuration for creating an environment. In network settings, using the AWS system manager gives an error while creating the environment. It states there was an error creating IAM resources needed for SSM.



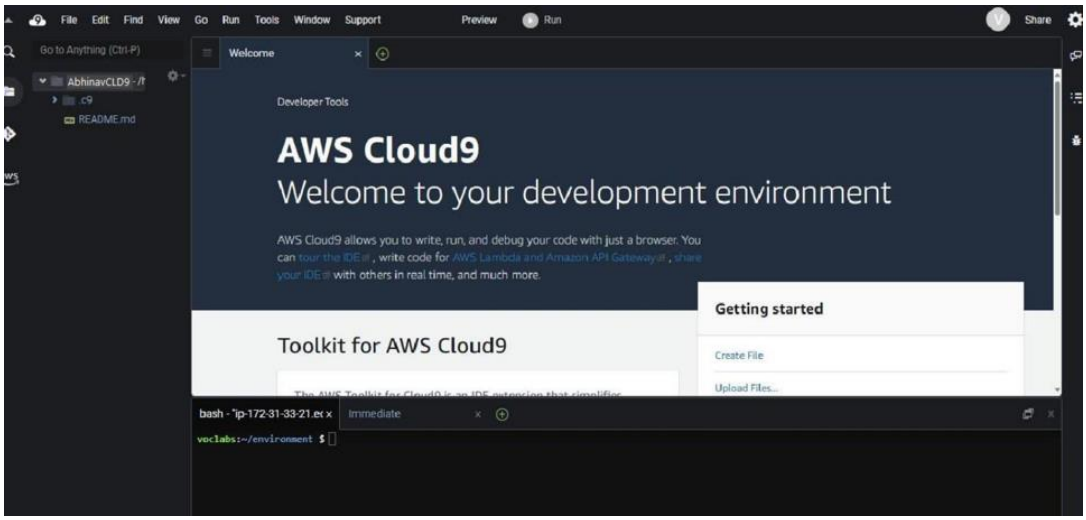
Use the Secure Shell option in Network settings



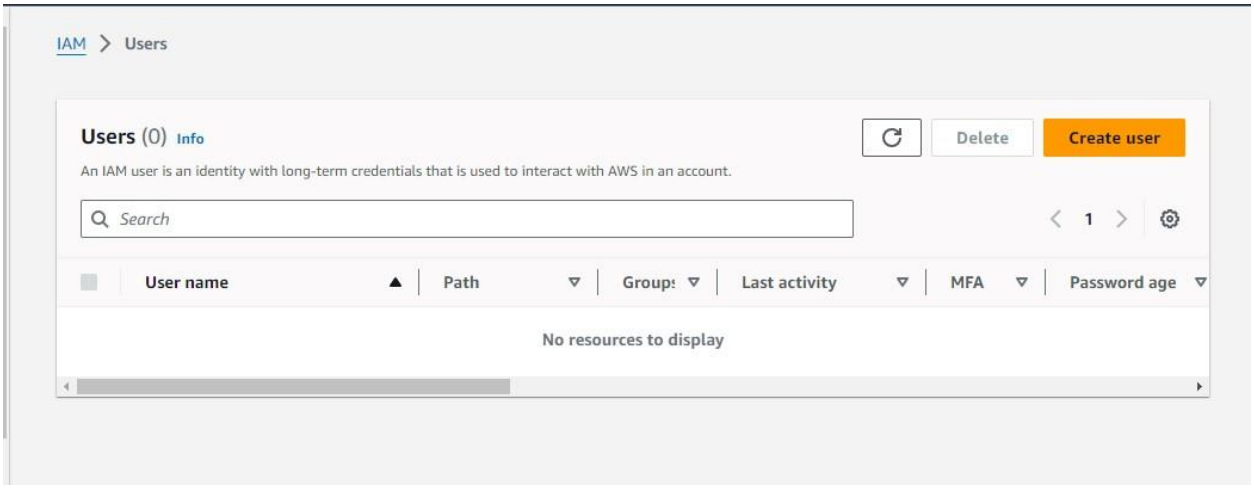
Once the configuration is complete, click on create environment to create a Cloud9 environment.



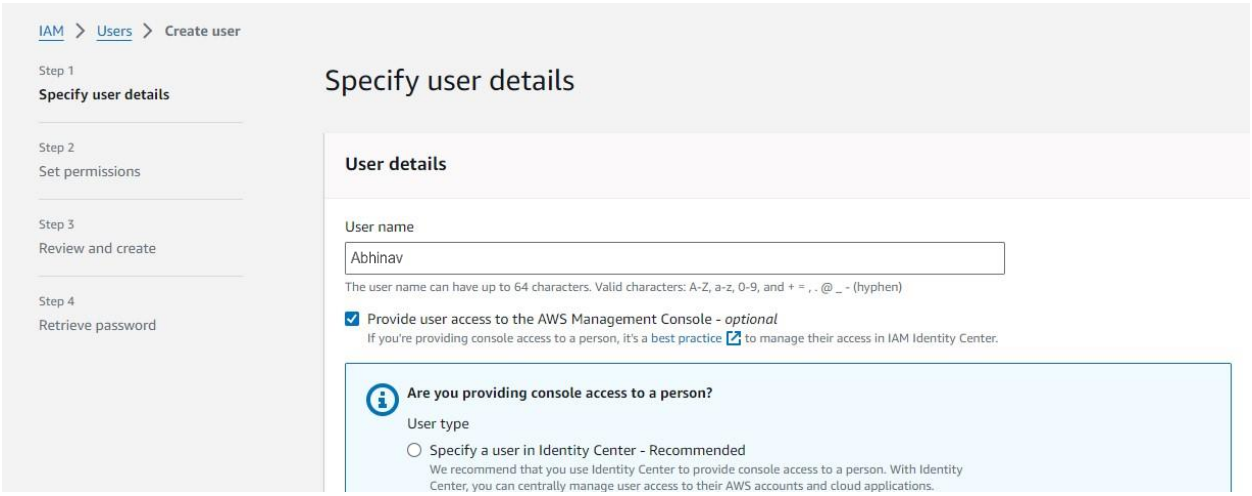
Click on the environment name to open the created Cloud9 Environment.



Open the aws account and search for IAM service. Then go to users tab and click on create user to create a new user.



Give the user name, select the “provide user access” checkbox. Also select the option “I want to create an IAM user”. Otherwise we will have to enable the Identity center and specify a user there.



Provide user access to the AWS Management Console - *optional*

If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.

Are you providing console access to a person?

User type

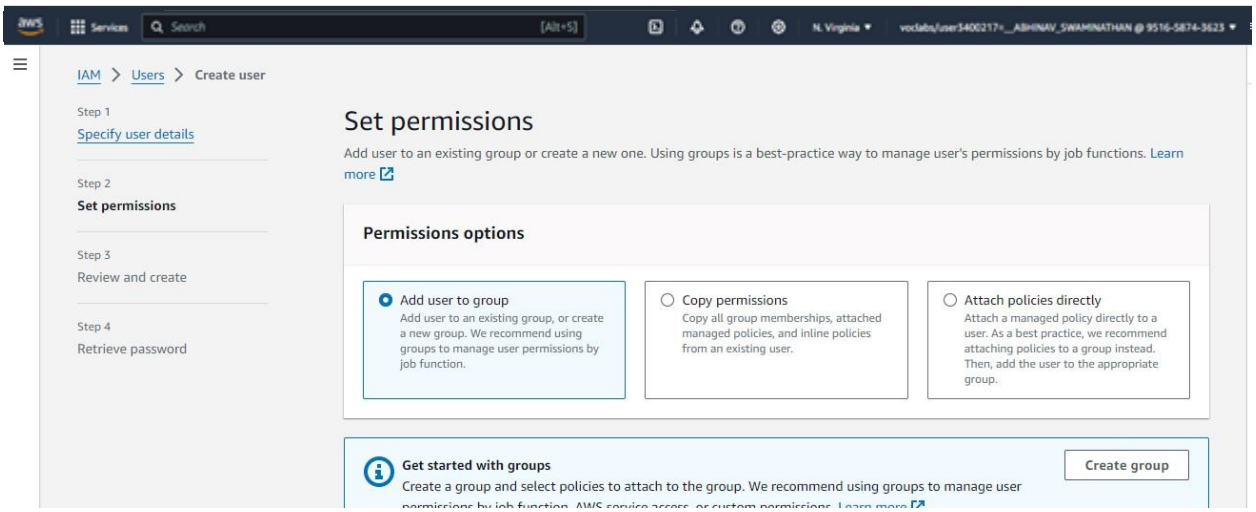
- Specify a user in Identity Center - Recommended
  We recommend that you use Identity Center to provide console access to a person. With Identity Center, you can centrally manage user access to their AWS accounts and cloud applications.
- I want to create an IAM user
  We recommend that you create IAM users only if you need to enable programmatic access through access keys, service-specific credentials for AWS CodeCommit or Amazon Keyspaces, or a backup credential for emergency account access.

Console password

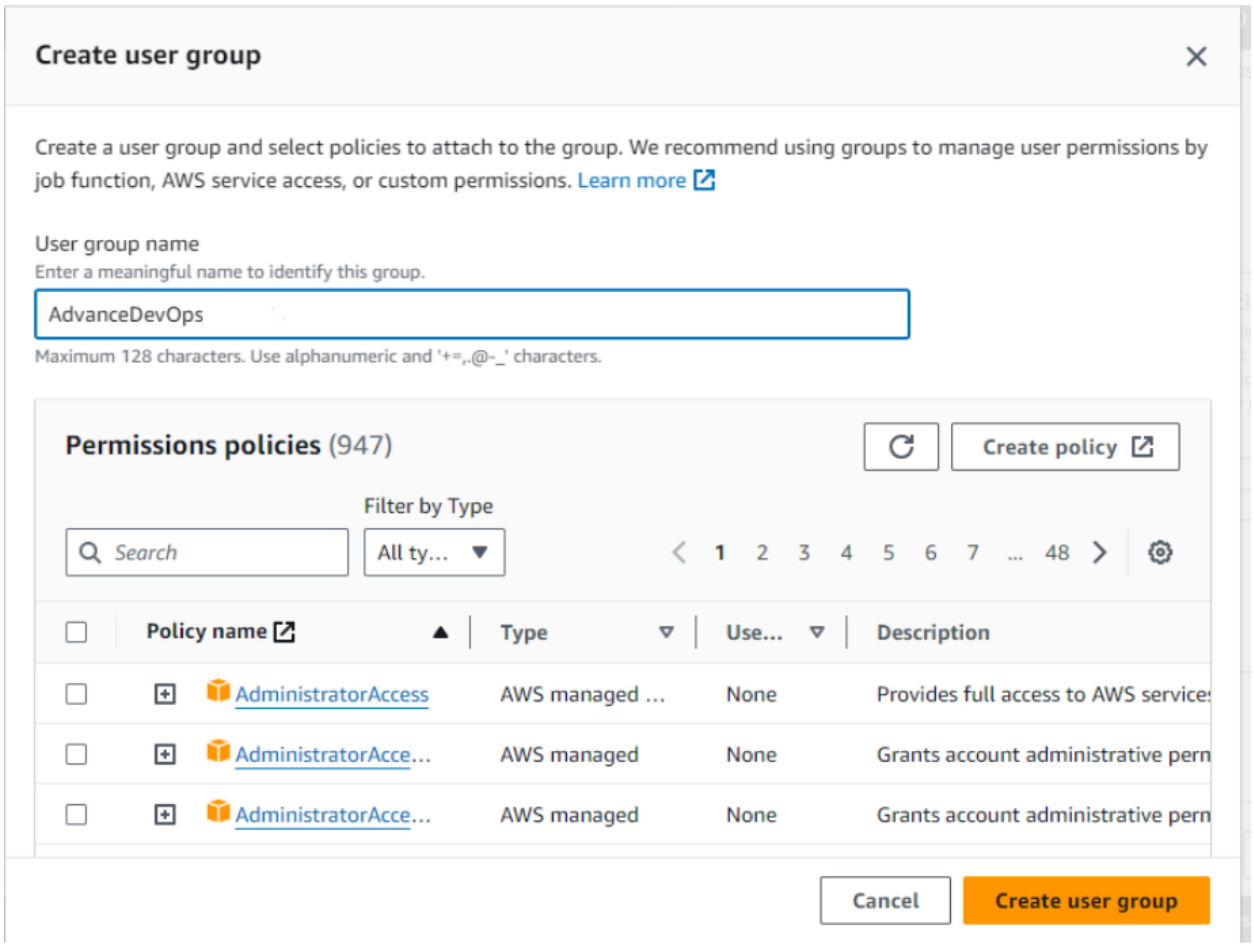
- Autogenerated password
  You can view the password after you create the user.
- Custom password
  Enter a custom password for the user.

  ••••••••••

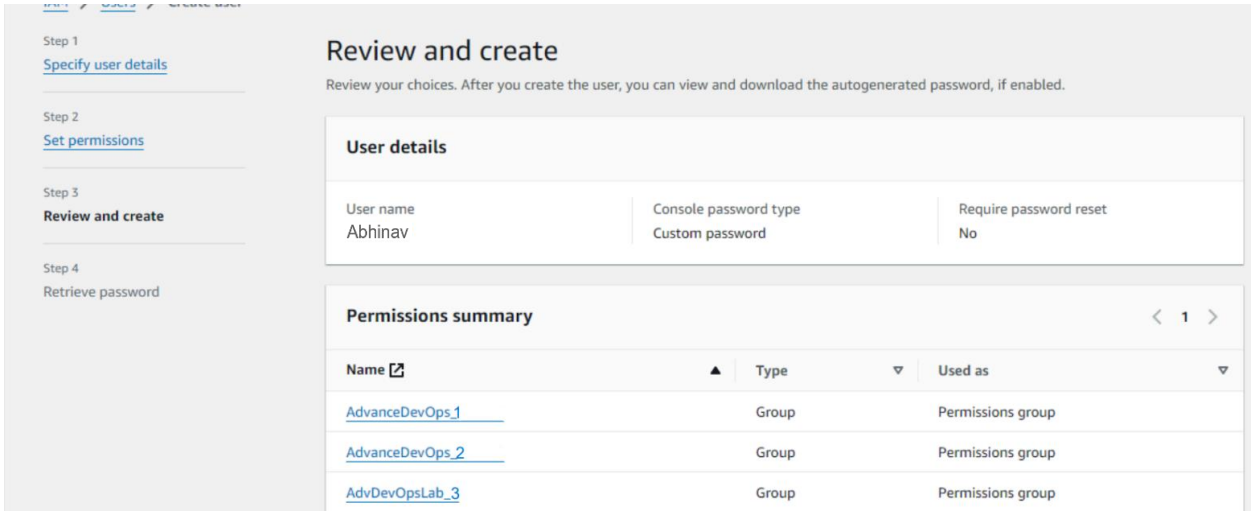
  - Must be at least 8 characters long



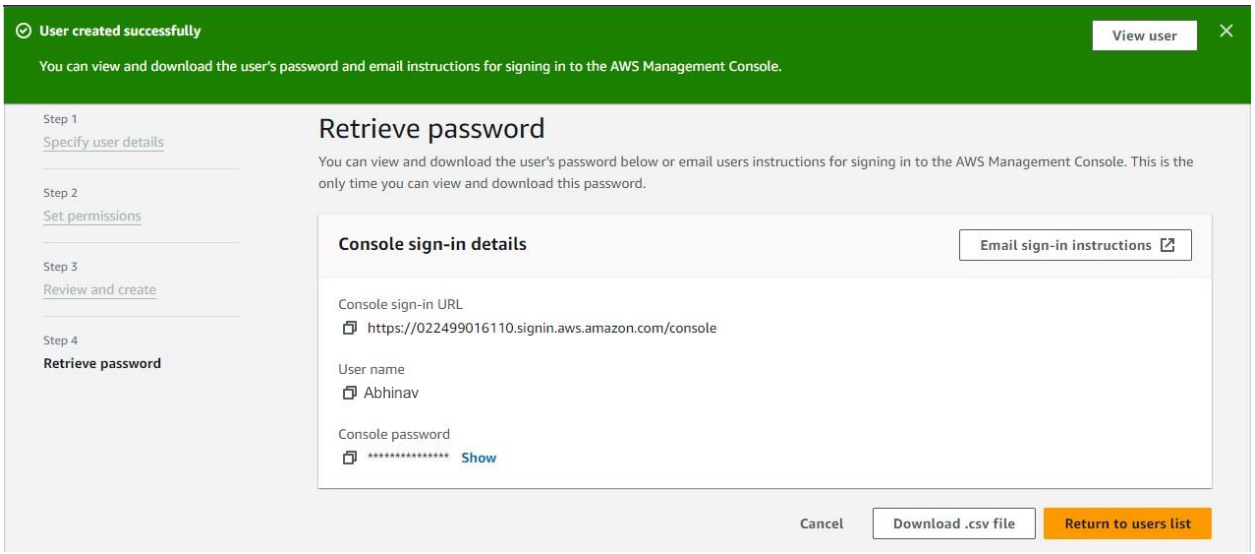
Next click on add user to group. If you do not have an existing group, select create group. Then Give the group name and policies if required and create a group.



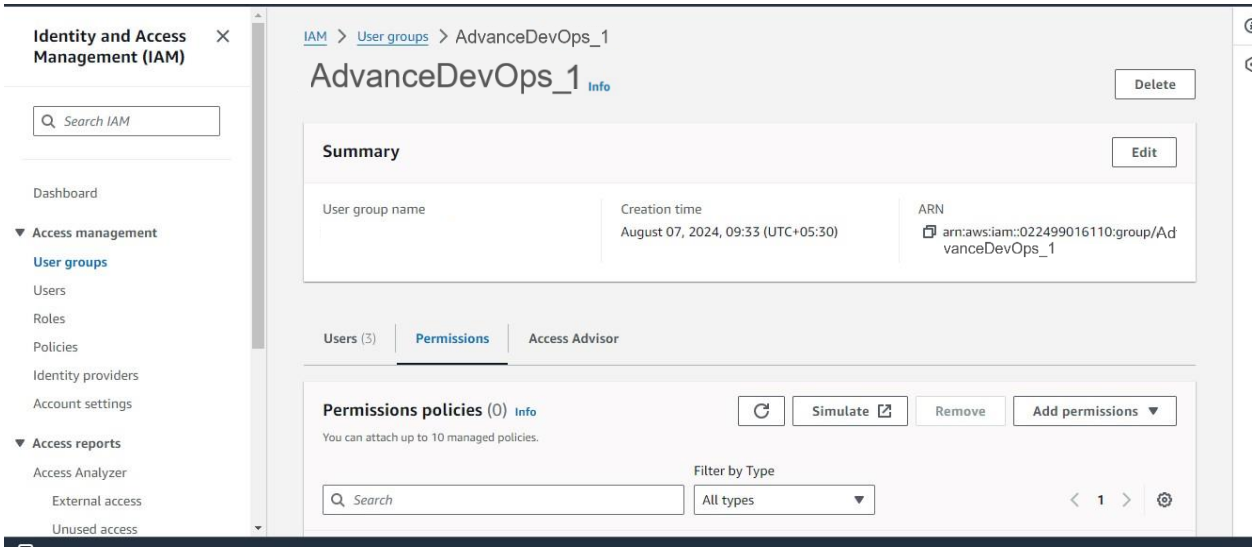
Once the group is created, select the group in which the user should be added.



Recheck all the configuration and details of the user and click on create user. Then you will this page.



After creation of the user, go to the user groups tab and select the group in which the user has been added. Navigate to the permissions tab. Click on add permissions and attach policy.



Search for the “AWSCloud9EnvironmentMember” policy and attach it.