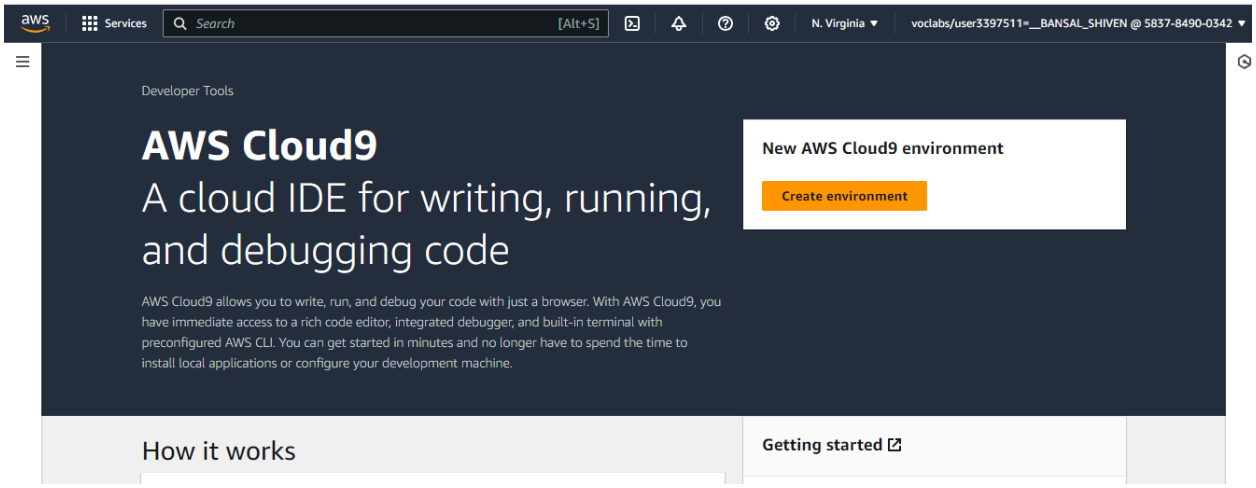
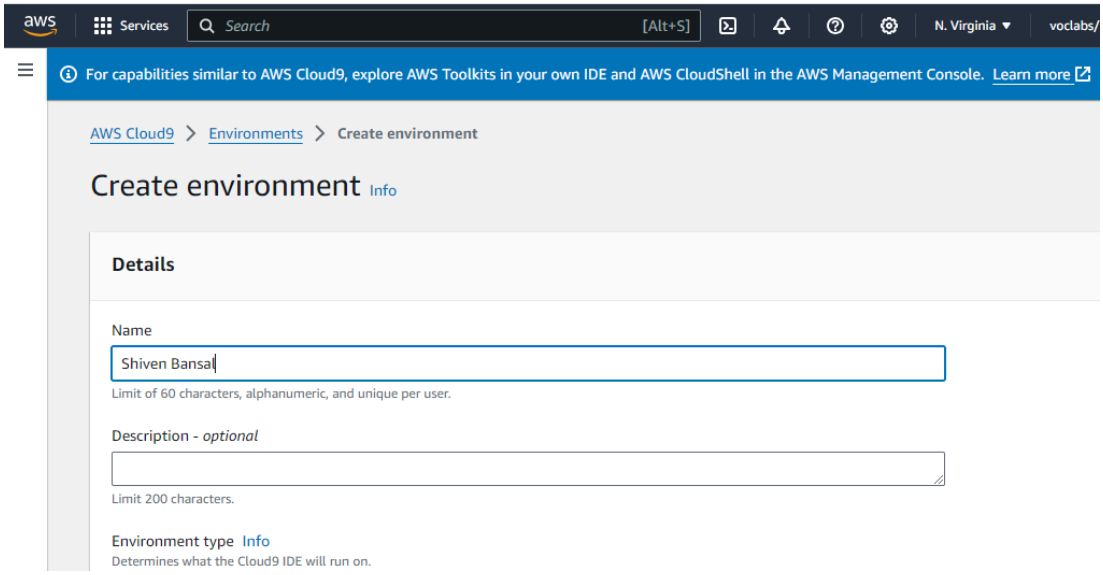
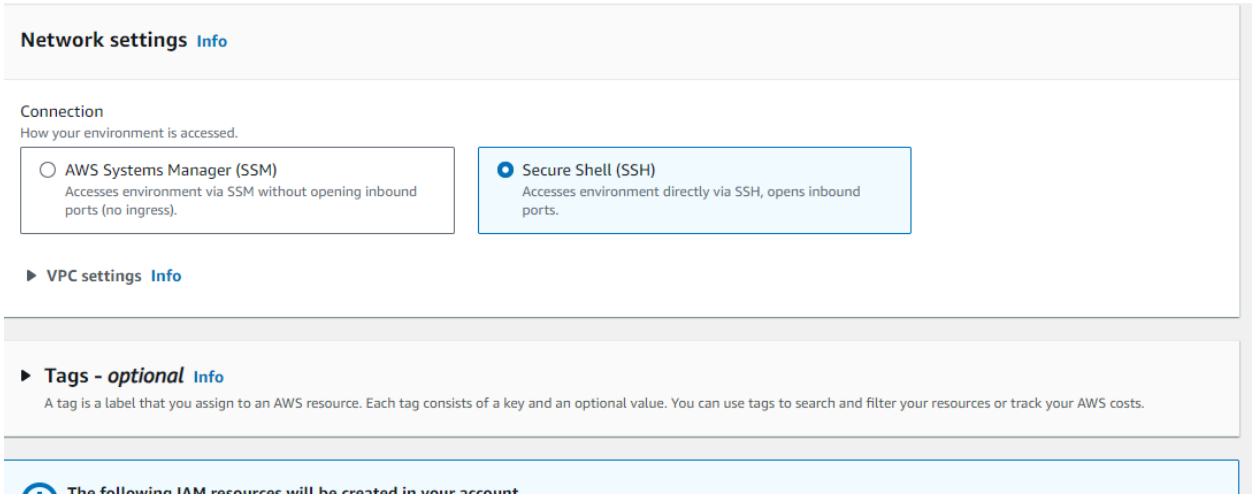
Open the AWS account and search for Cloud9. Click on create environment.



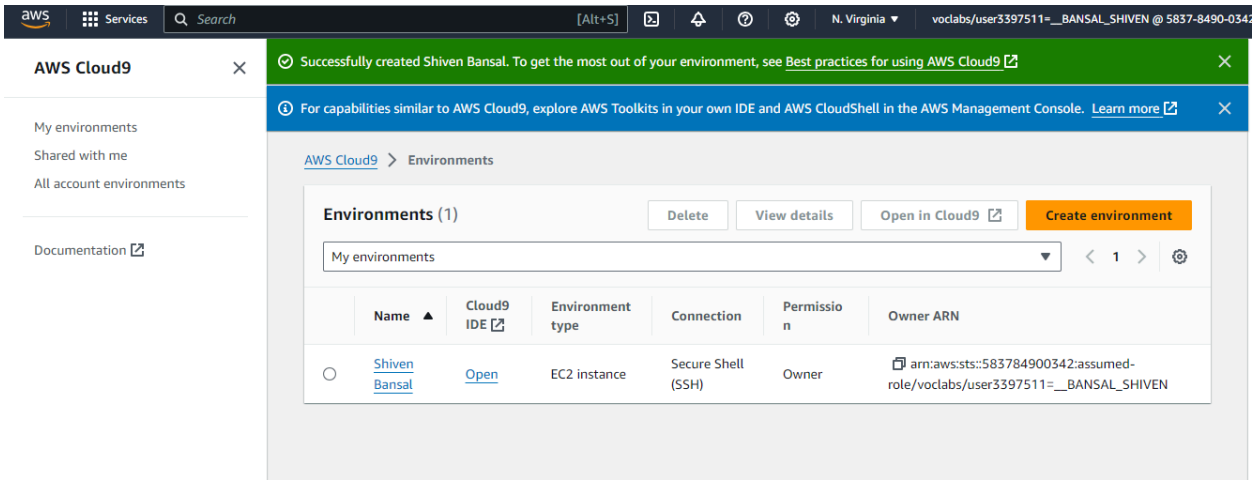
Enter the name and other required configuration for creating an environment. In network settings, using the AWS system manager gives an error while creating the environment. It states there was an error creating IAM resources needed for SSM.



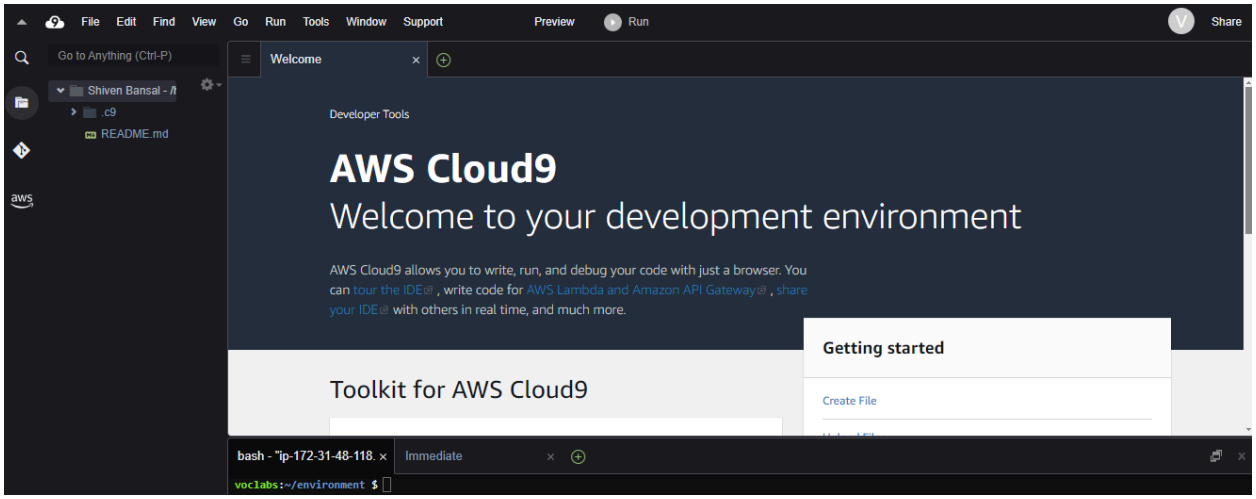
Use the Secure Shell option in Network settings



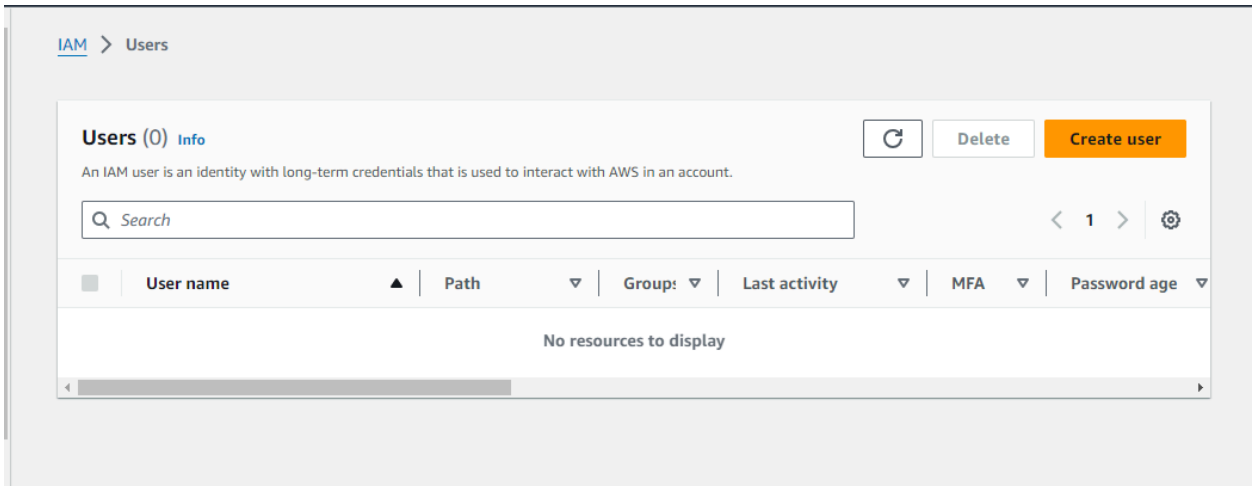
Once the configuration is complete, click on create environment to create a Cloud9 environment.



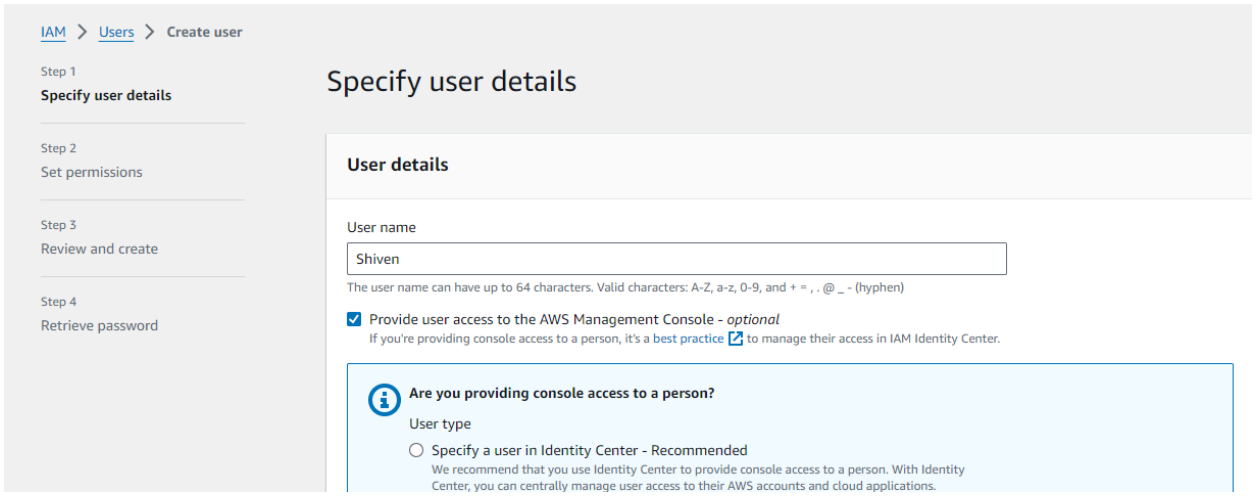
Click on the environment name to open the created Cloud9 Environment.

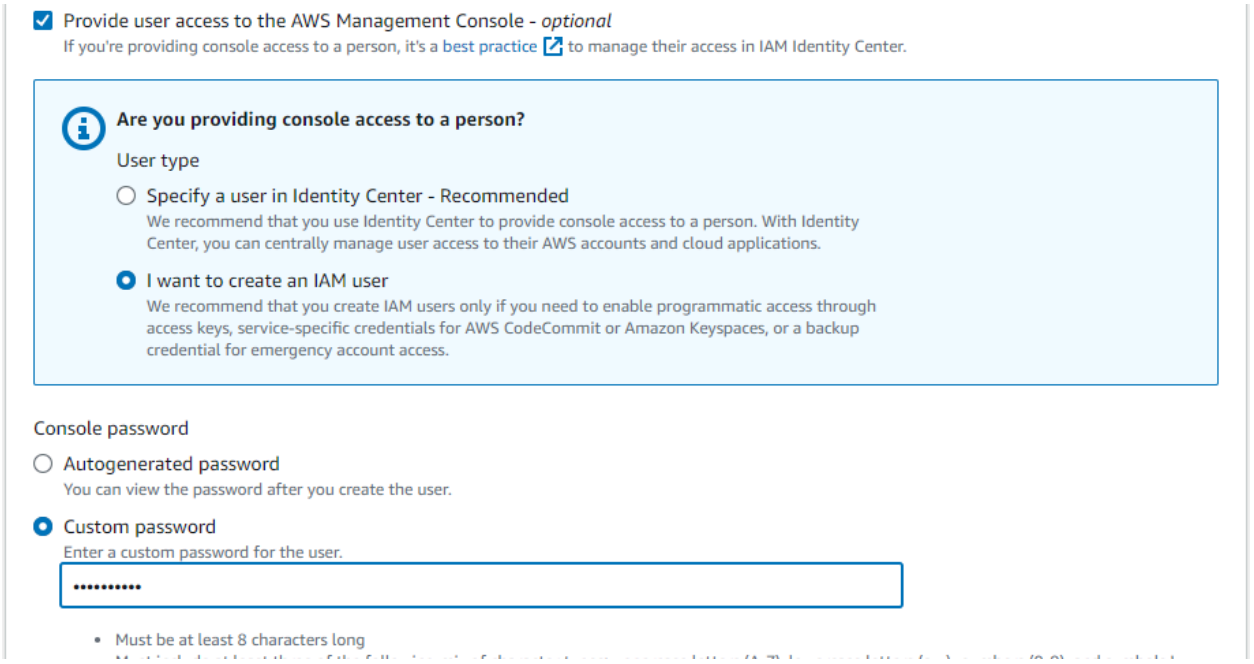


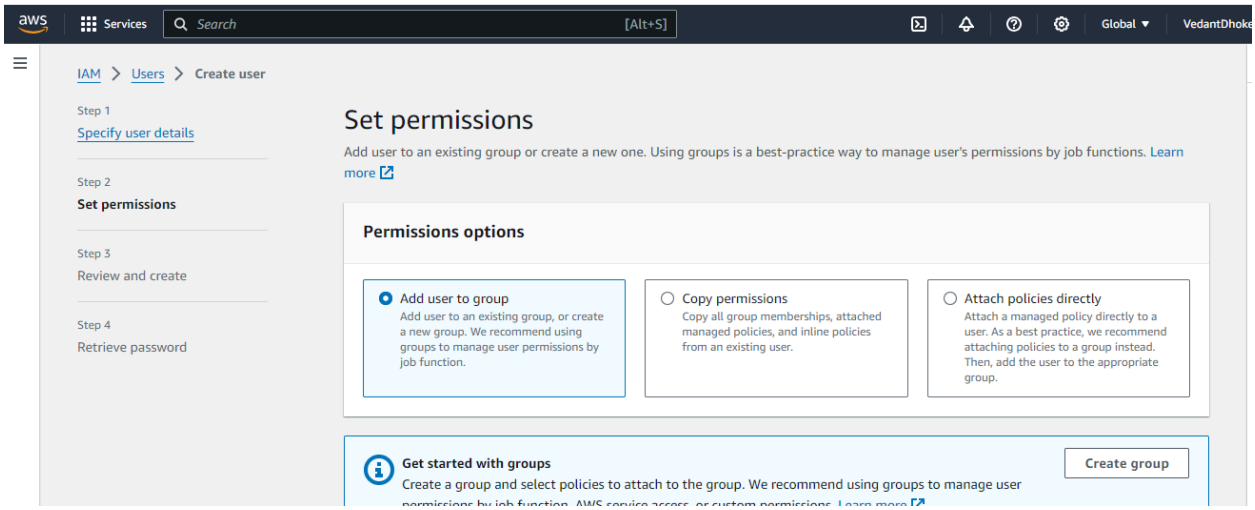
Open the aws account and search for IAM service.Then go to users tab and click on create user to create a new user.



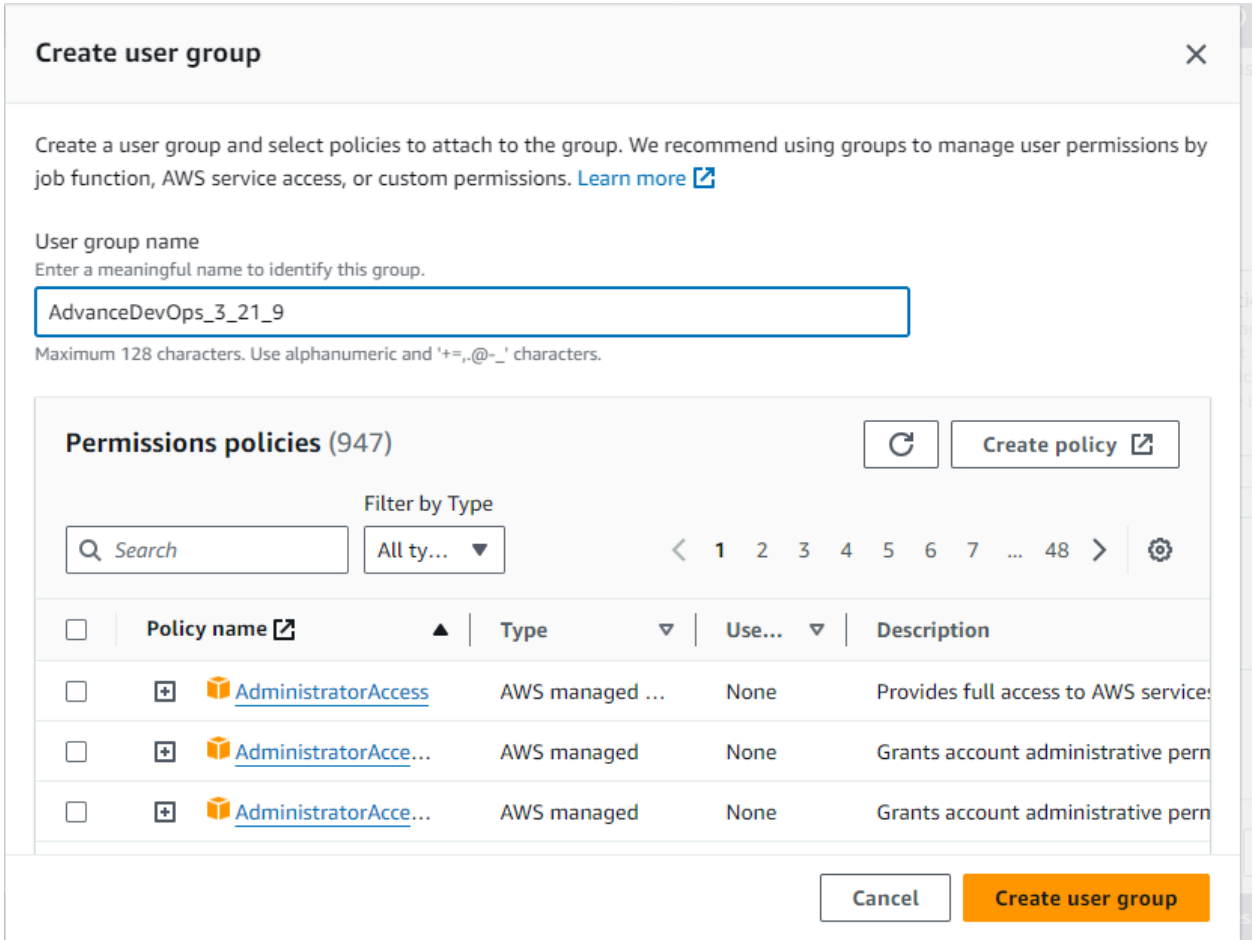
Give the user name, select the “provide user access” checkbox. Also select the option “I want to create an IAM user”. Otherwise we will have to enable the Identity center and specify a user there.


IAM > Users > Create user
Step 1
Specify user details
Step 2
Set permissions
Step 3
Review and create
Step 4
Retrieve password
Specify user details
User details
User name
Shiven
The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)
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.

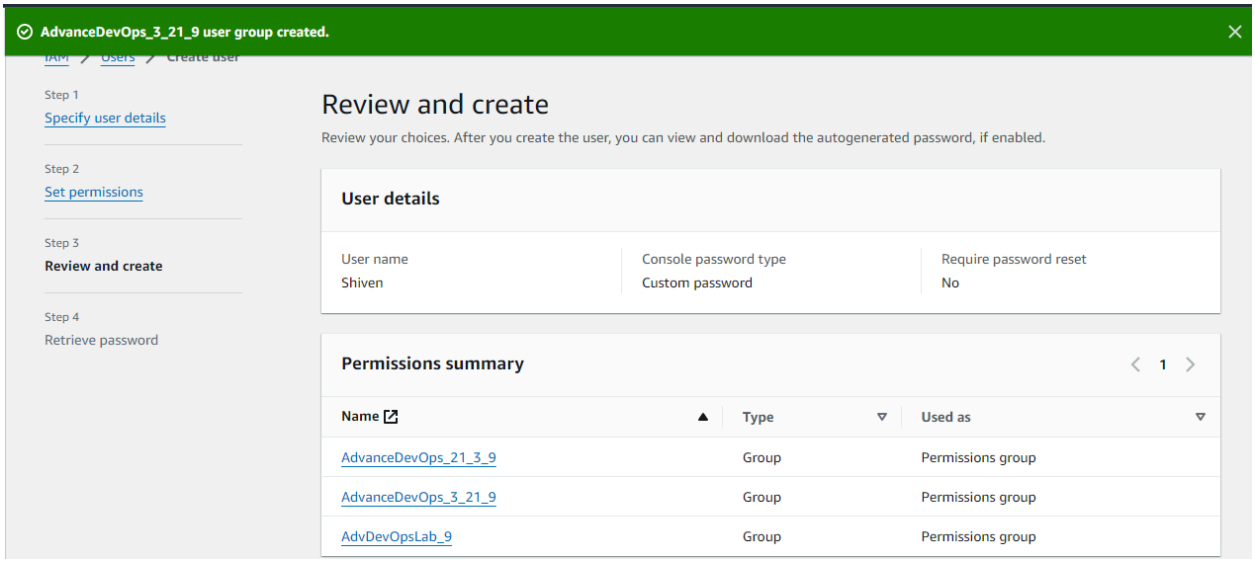

Provide user access to the AWS Management Console - optional
If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.
Are you providing console access to a person?
User type
Specify a user in Identity Center - Recommended
We recommend that you 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



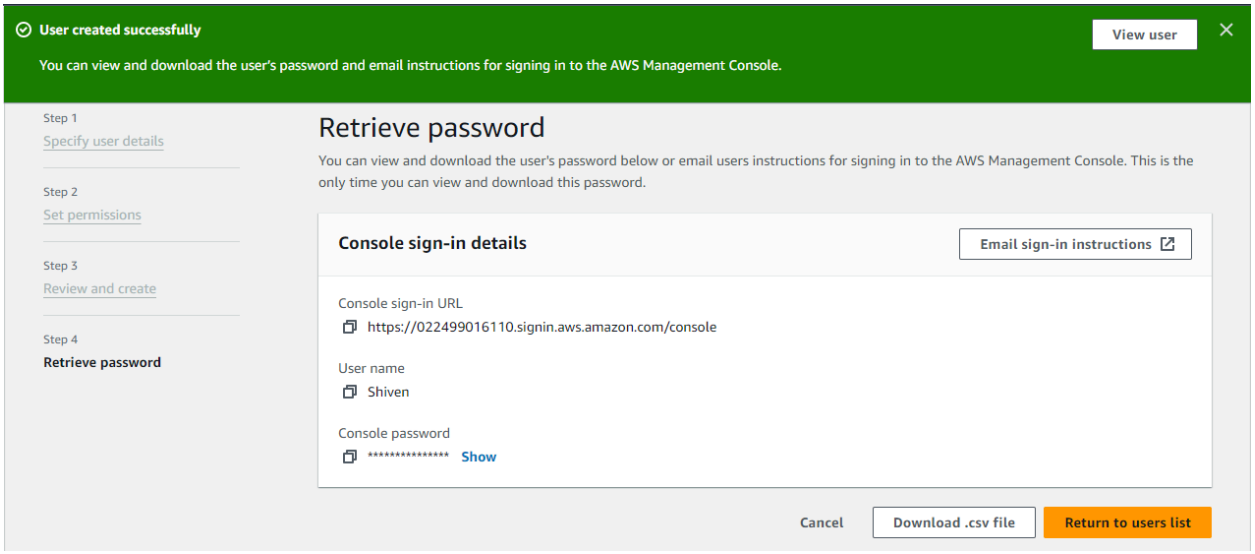
Next click on add user to group. If you do not have a existing group, select create group. Then Give the group name and policies if required, and create a group.



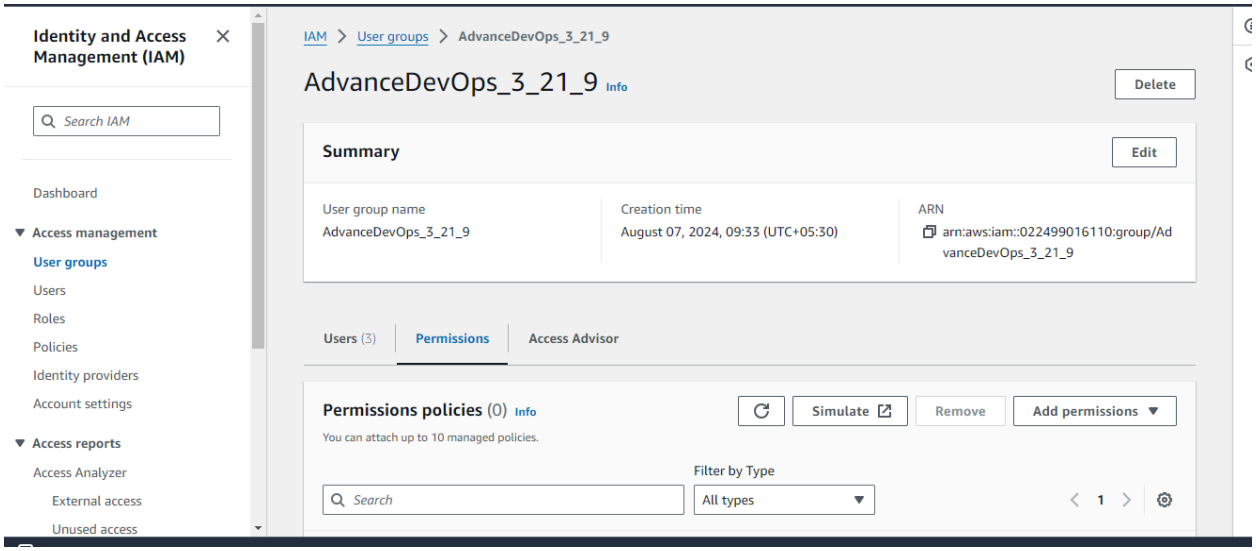
Once the group is created, select the group in which the user should be added.



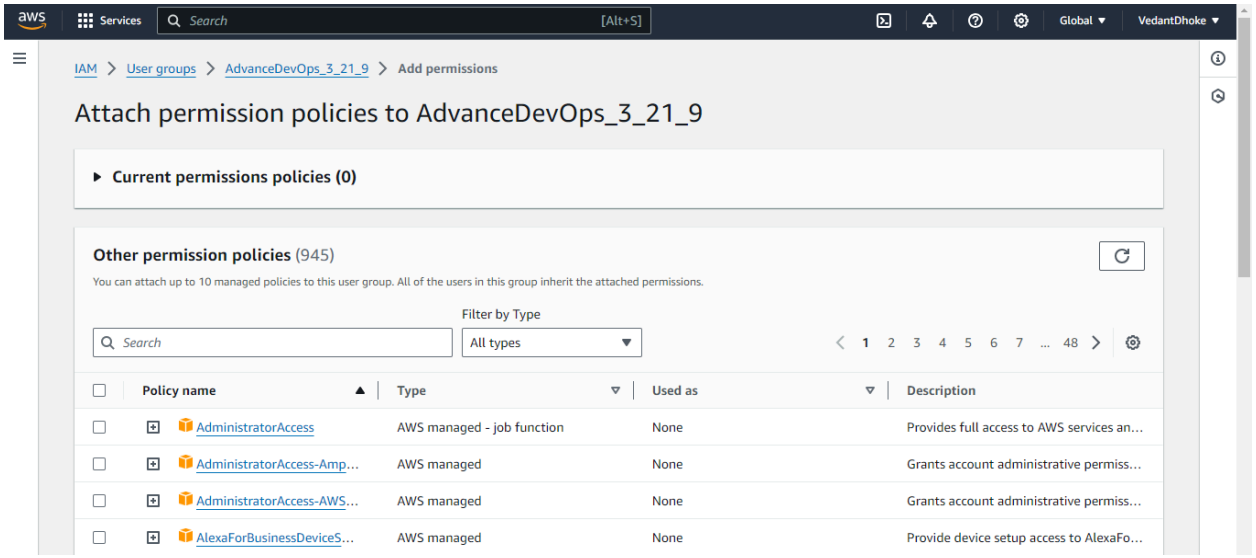
Recheck all the configuration and details of the user and click on create user.Then you will this page.

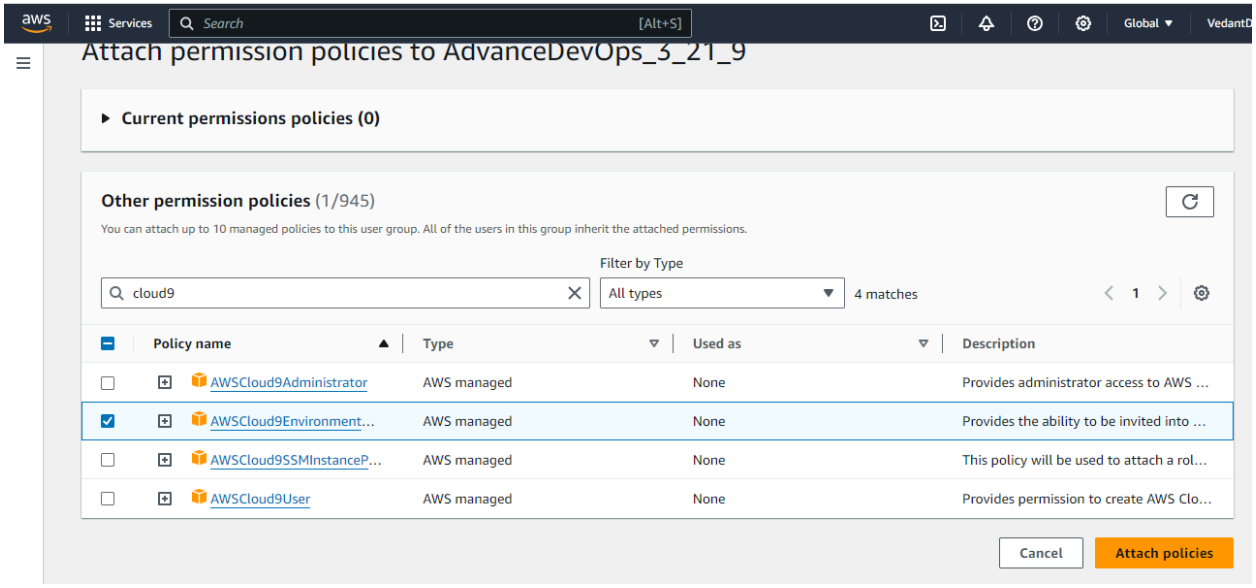


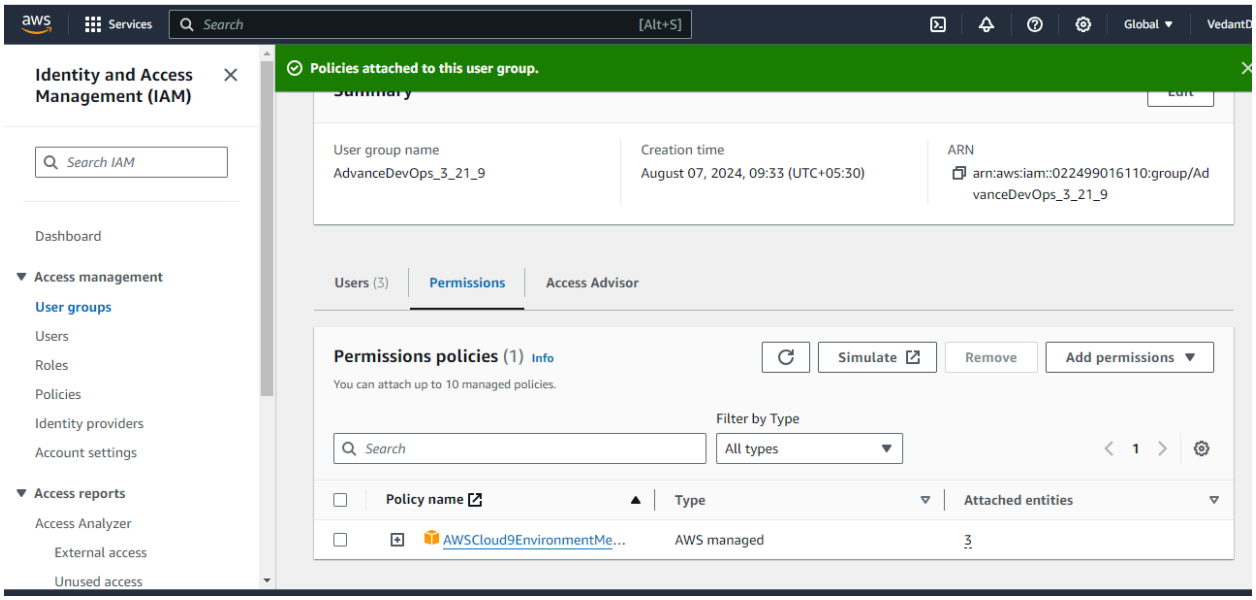
After creation of the user, go to the user groups tab and select the group in which the user has been added. Navigate to the permissions tab. Click on add permissions and attach policy.



Search for the “AWSCloud9EnvironmentMember” policy and attach it.




Services
Search
[Alt+S]
Global
Attach permission policies to AdvanceDevOps_3_21_9
Current permissions policies (0)
Other permission policies (1/945)
You can attach up to 10 managed policies to this user group. All of the users in this group inherit the attached permissions.
Filter by Type
cloud9
All types
4 matches
Policy name
Type
Used as
Description
AWSCloud9Administrator
AWS managed
None
Provides administrator access to AWS ...
AWSCloud9Environment...
AWS managed
None
Provides the ability to be invited into ...
AWSCloud9SSMInstanceP...
AWS managed
None
This policy will be used to attach a rol...
AWSCloud9User
AWS managed
None
Provides permission to create AWS Clo...
Cancel
Attach policies


Services
Search
[Alt+S]
Global
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
Policies attached to this user group.
User group name
AdvanceDevOps_3_21_9
Creation time
August 07, 2024, 09:33 (UTC+05:30)
ARN
arn:aws:iam::022499016110:group/AdvanceDevOps_3_21_9
Users (3)
Permissions
Access Advisor
Permissions policies (1) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter by Type
Search
All types
Policy name
Type
Attached entities
AWSCloud9EnvironmentMe...
AWS managed
3