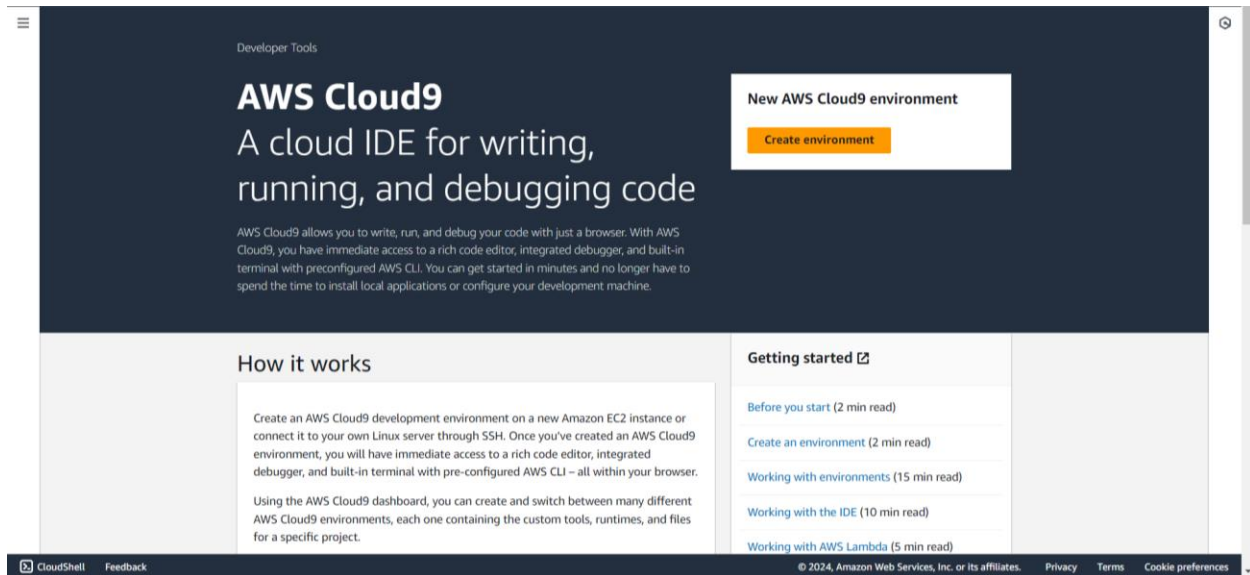


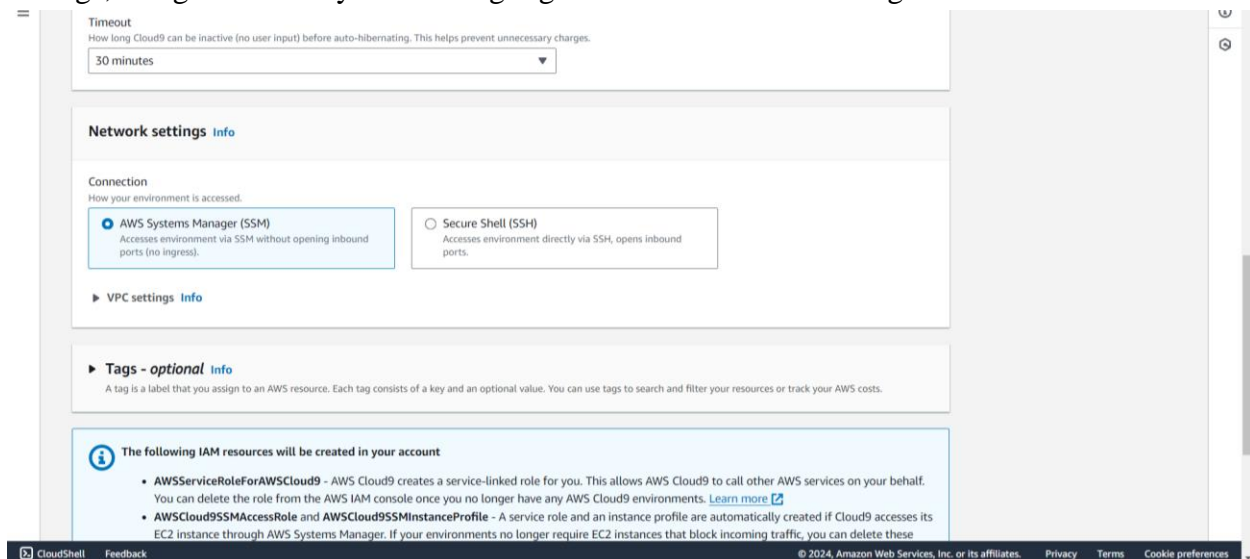
Name: Shubham Jha
Div: D15C
Roll No.19

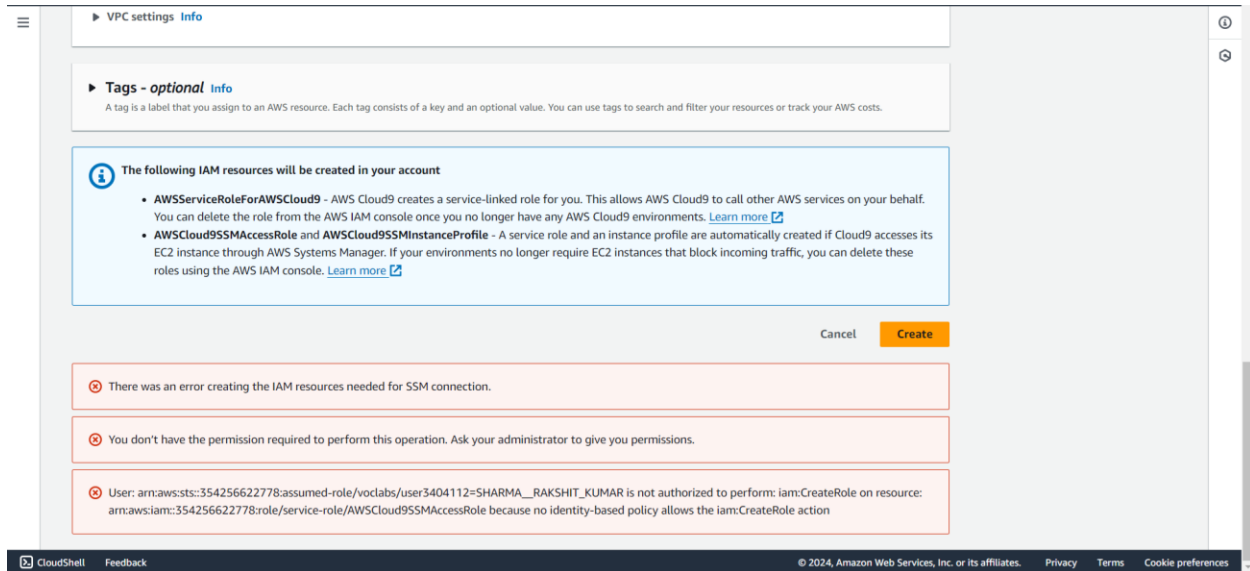
Experiment 1B: IAM and cloud9

1. Open the AWS account and search for Cloud9.

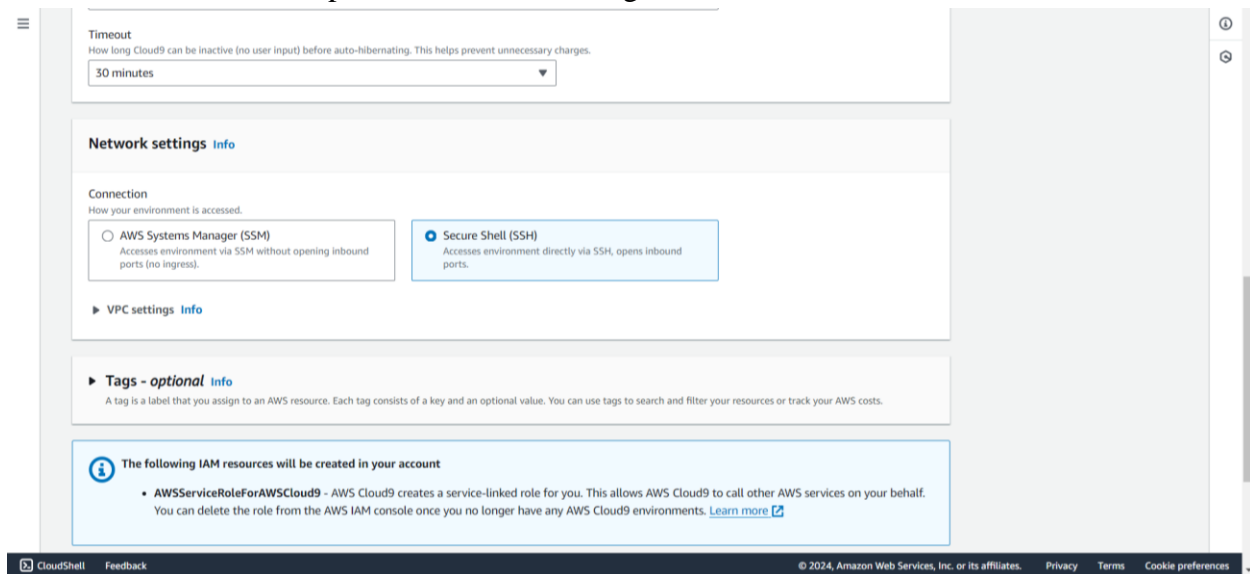


2. Enter the name and other required configuration for creating an environment. In network settings, using the AWS system manager gives an error while creating the environment

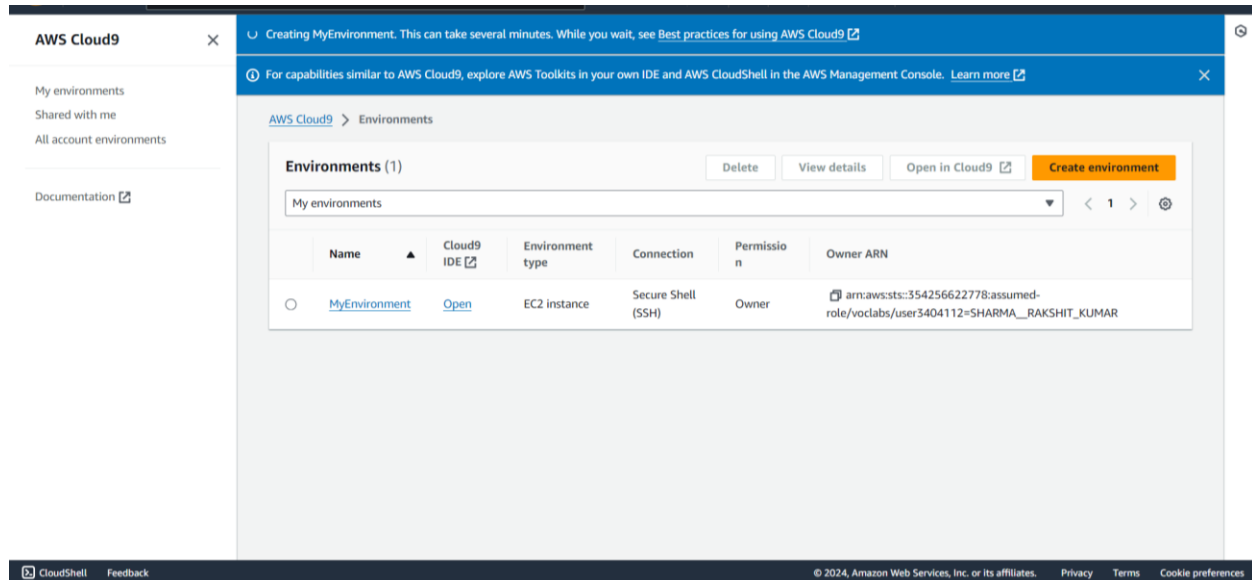




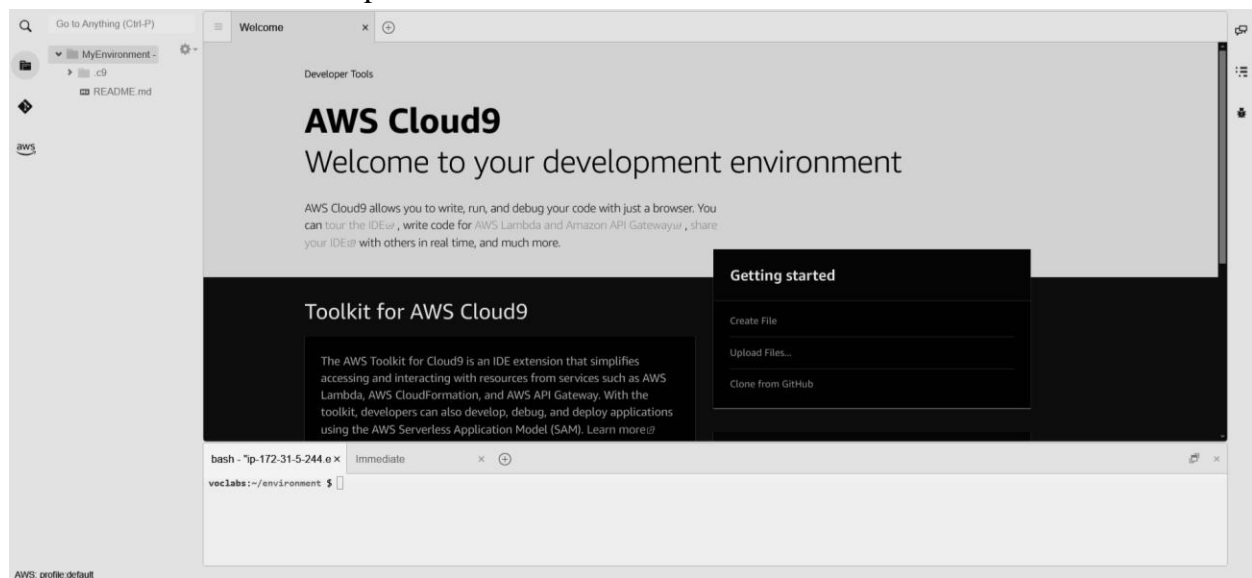
3. Use the Secure Shell option in Network settings.



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

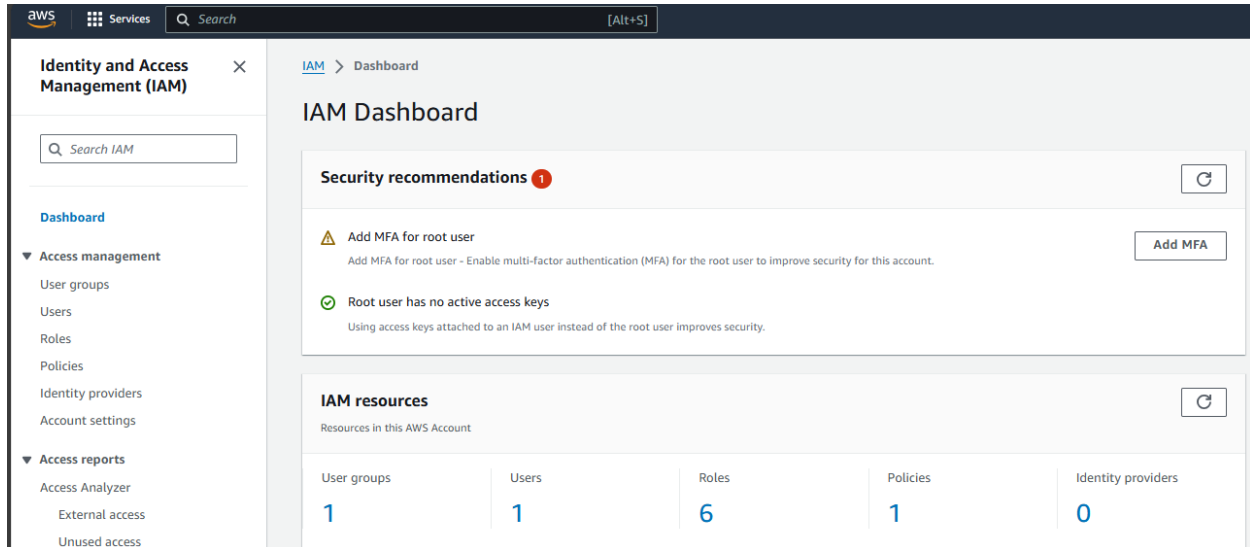


5. Cloud9 Environment is opened when u click on the environment name

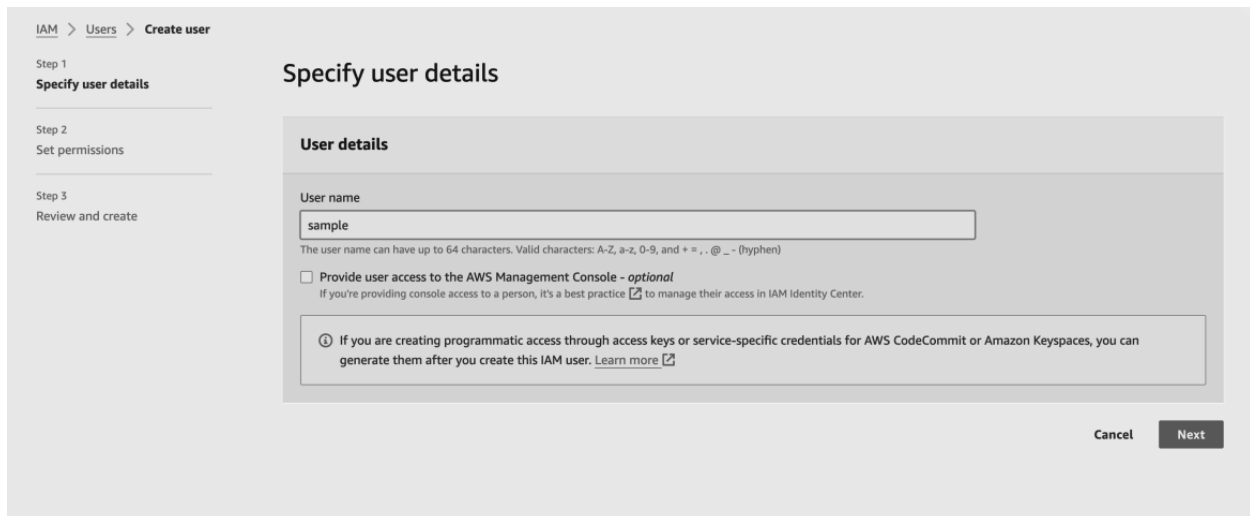


IAM user creation:

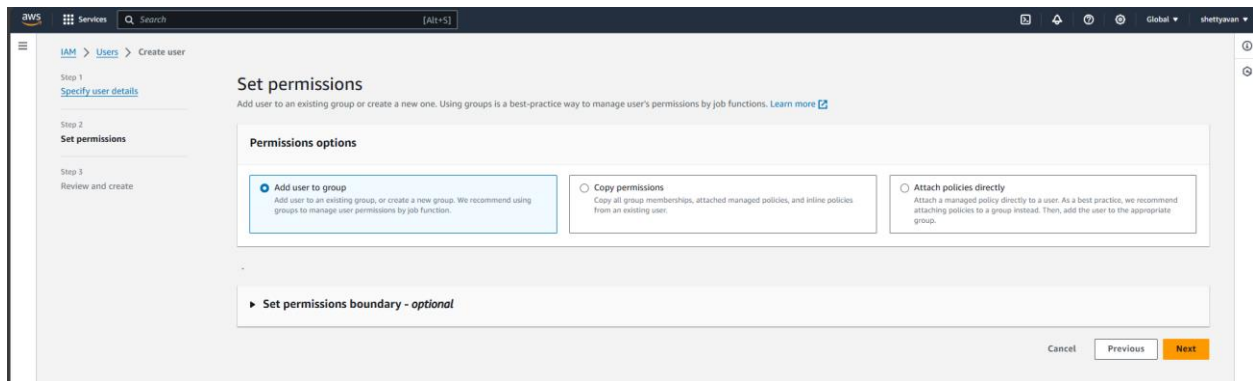
1. Open the AWS account and search for IAM in service.



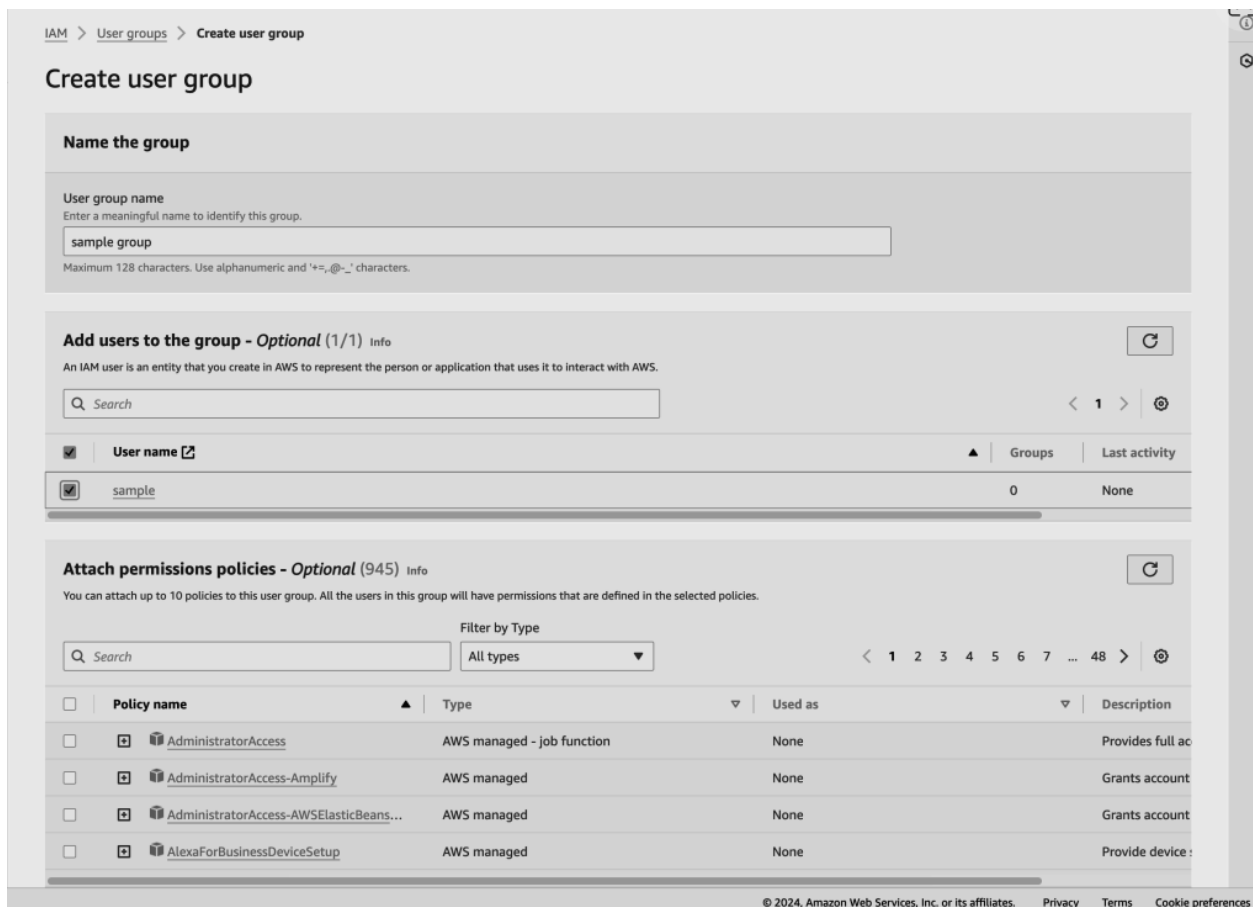
2. Select the users option from the left panel and click on create user button. Give the user name,



3. Click the add user option if you don't have an existing user group



4. Give a name to your user group and check the policies if required any



5. Once the user group is created, select the name and click next to create your user

myweb-app-group user group created.

IAM > Users > Create user

Step 1
Specify user details

Step 2
Set permissions

Step 3
Review and create

Step 4
Retrieve password

Set permissions

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](#)

Permissions options

☒ Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

☐ Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.

☐ Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

User groups (1)

☐

Group name

▲

Users

▼

☐

Attached policies

▼

Created

▼

☐

myweb-app-group

0

-

2024-08-08 (Now)

▶ Set permissions boundary - optional

Cancel

Previous

Next

6. Review the configuration and then click on 'Create user' button

IAM > Users > Create user

Step 1
Specify user details

Step 2
Set permissions

Step 3
Review and create

Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

User details

User name
sample

Console password type
None

Require password reset
No

Permissions summary

Name

▲

Type

▼

Used as

▼

No resources

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

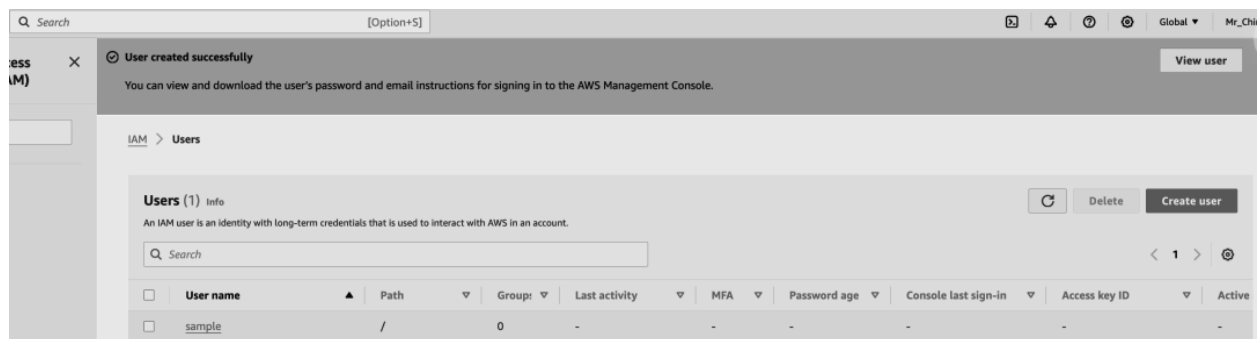
You can add up to 50 more tags.

Cancel

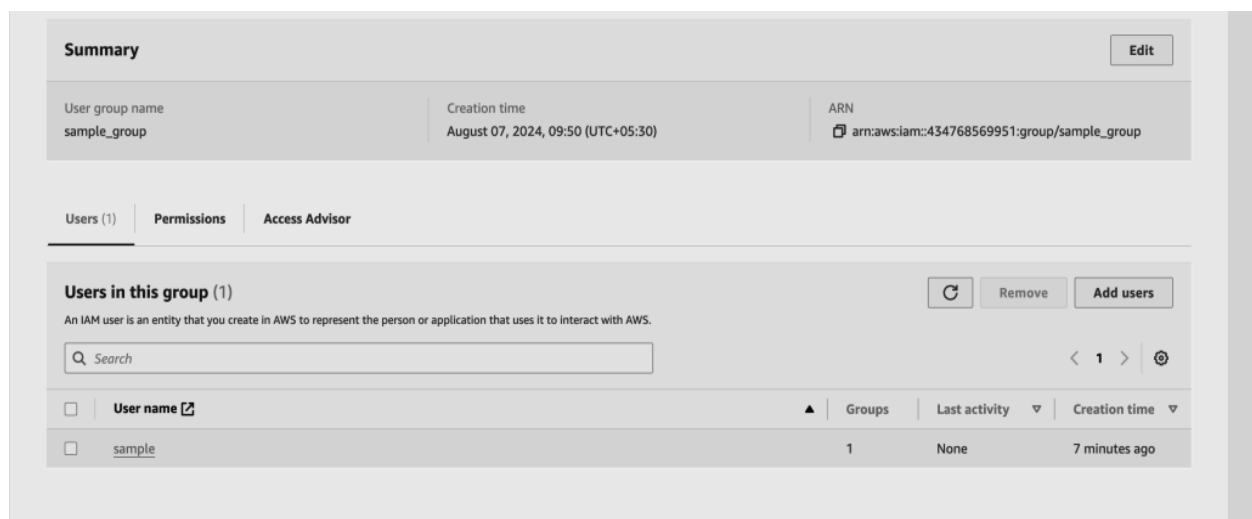
Previous

Create user

7. You will see the “user created successfully” message and incase you need then store your password by downloading the csv file



8. 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.



9. Search for the “AWSCloud9EnvironmentMember” policy and attach it.

