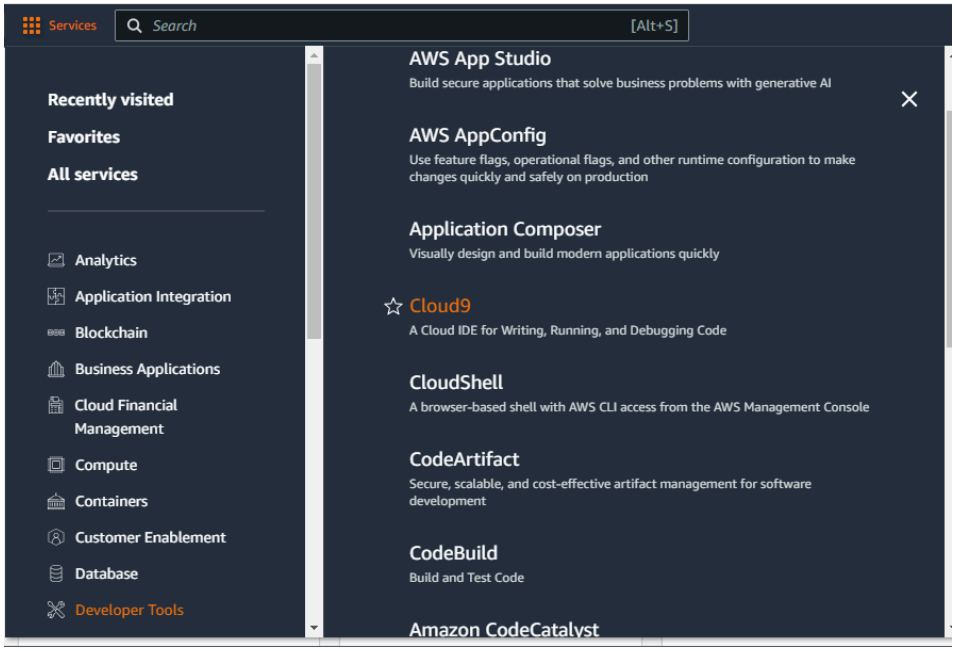
Aim: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

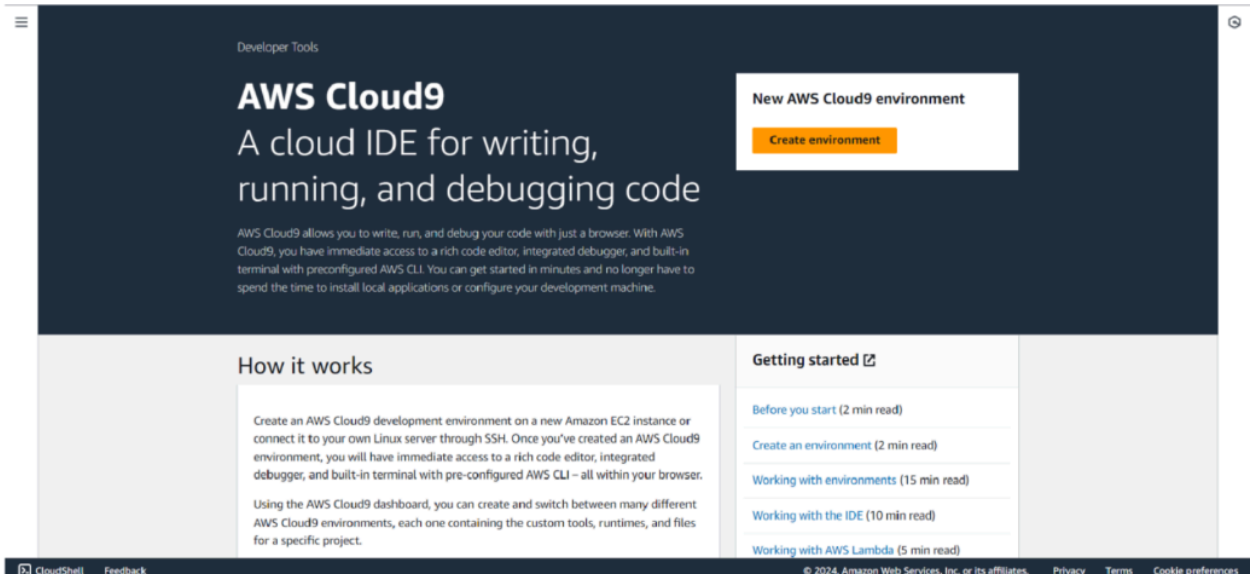
Steps:

Step 1: Set up a Cloud9 environment.

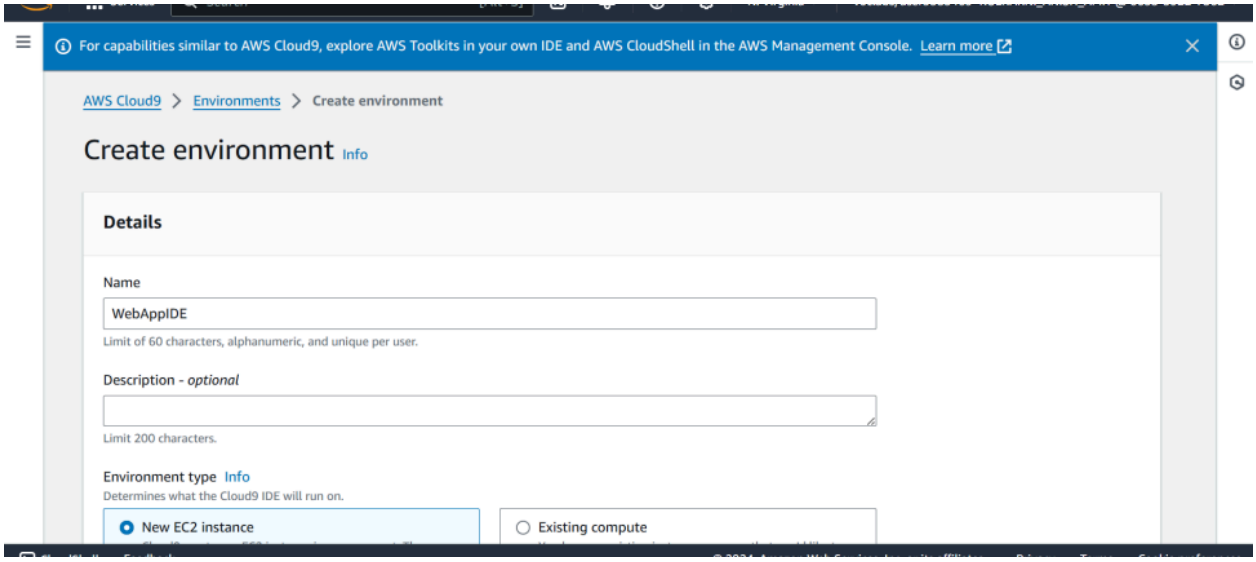
1) Search Cloud9 in the services tab and open it



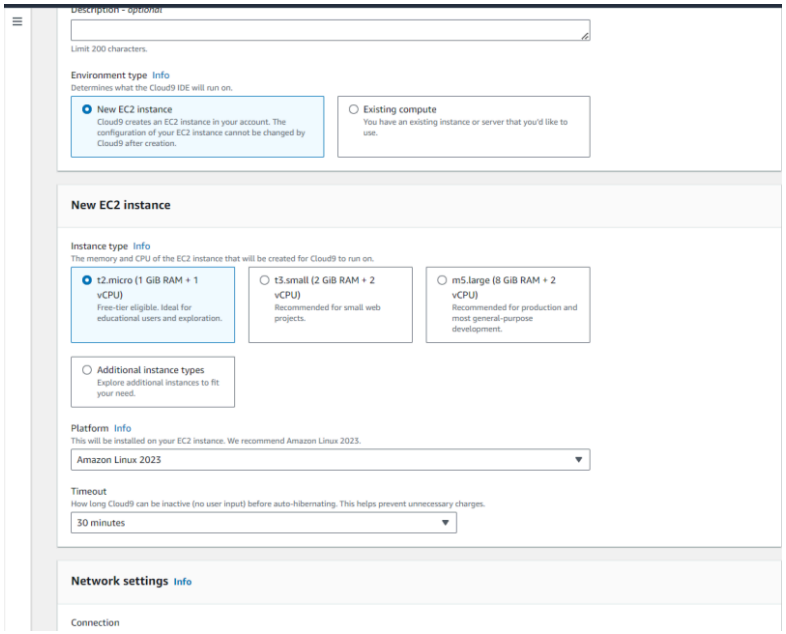
2) Click on Create Environment.



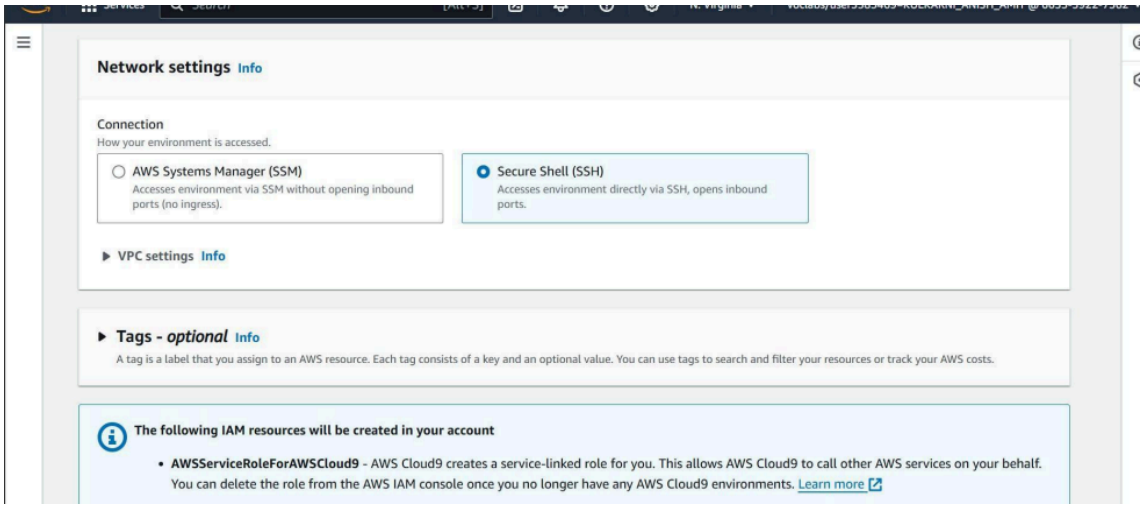
3) Give a name to your Cloud9 Environment. You can add a description if needed.



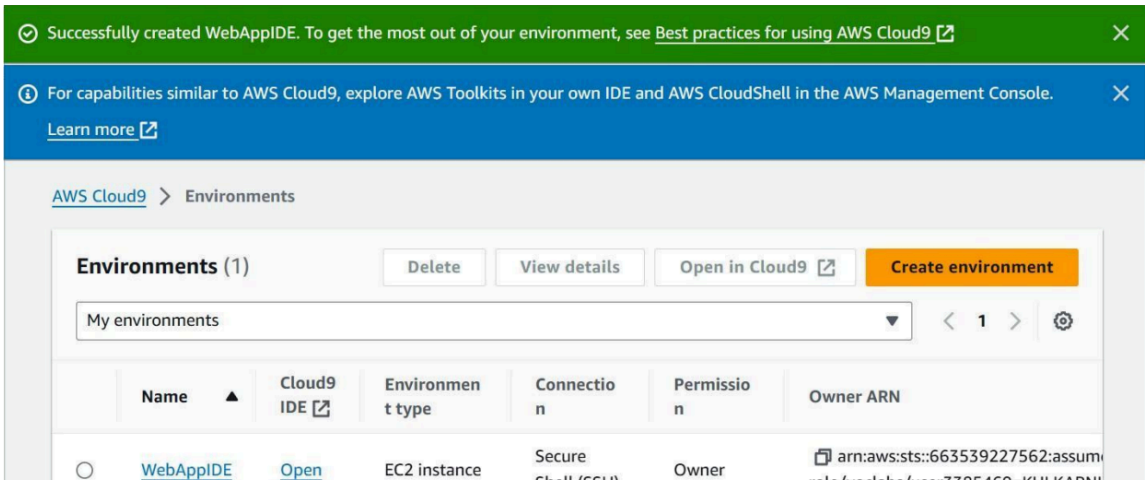
4) Select the option new EC2 instance if you do not have one ready for the environment. Give the specifications of that EC2 instance ahead.



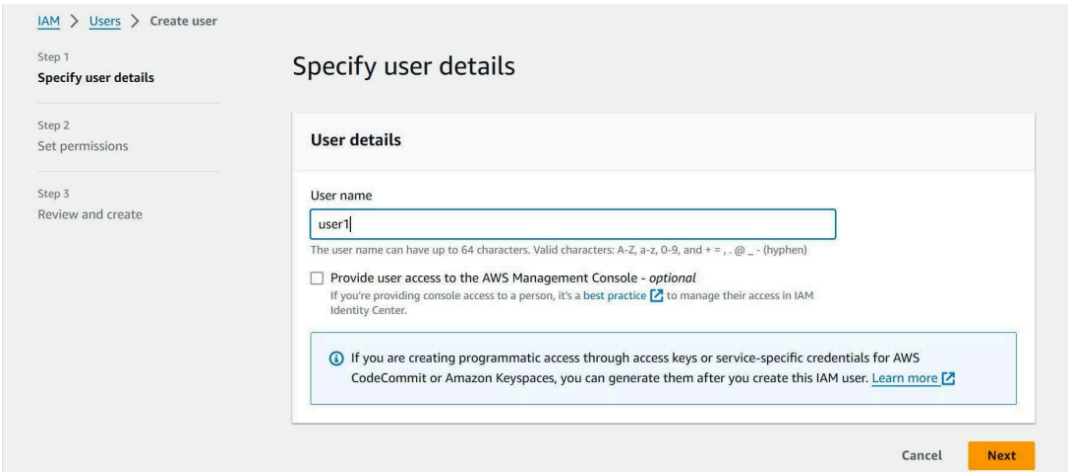
5) On the AWS Academy account, if we select AWS System Manager (SSM) in Network settings, it gives an error as the account does not have permissions to use the setting. So we select Secure Shell (SSH). After that click on Create.



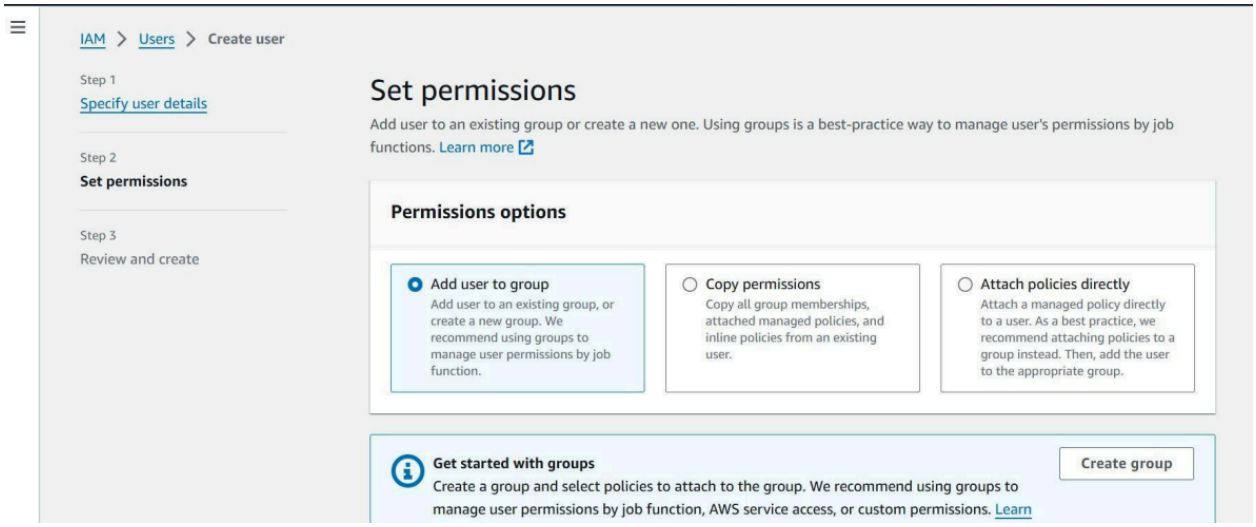
6) The environment has been created.

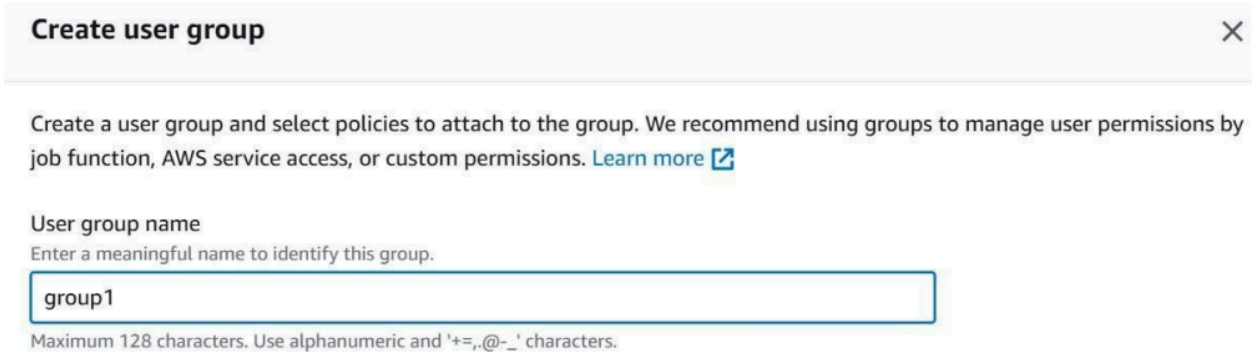


7) Search IAM on the services search bar and open it. Click on Create User. Give a username to your user and click Next.

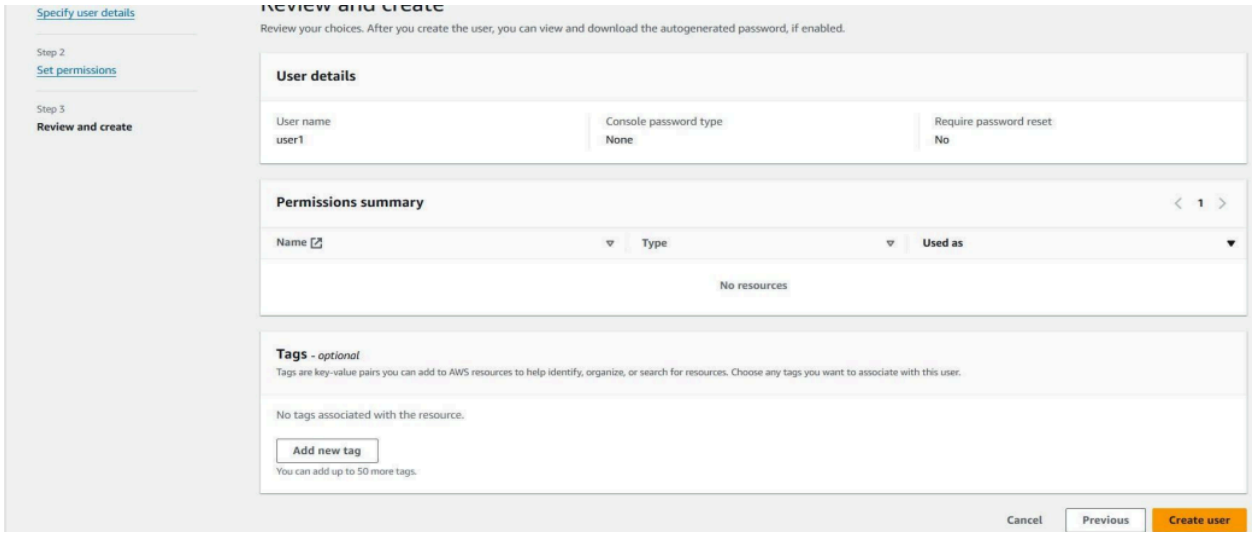


8) Select add User to Group. If there are no user groups on your accounts, you will have to create one. Click on Create Group.





9) Review all the Information, then click on Create user.



10) Go to permissions and click on Add permissions. Click on Attach Policies. Search for AWSCloud9EnvironmentMember, select it and click on Attach policies.