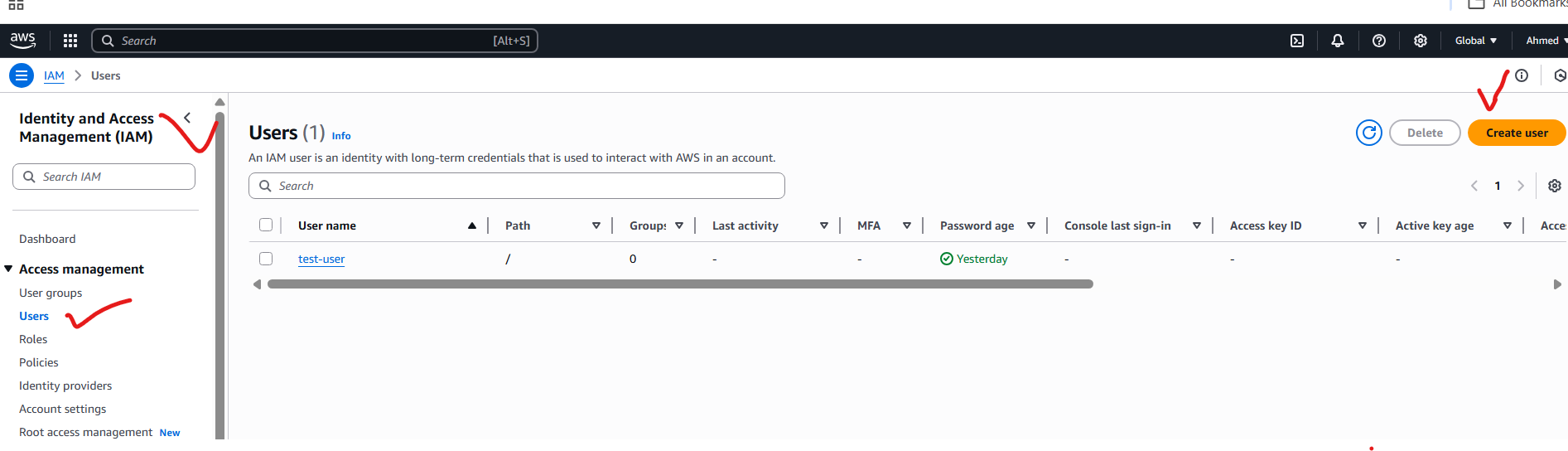
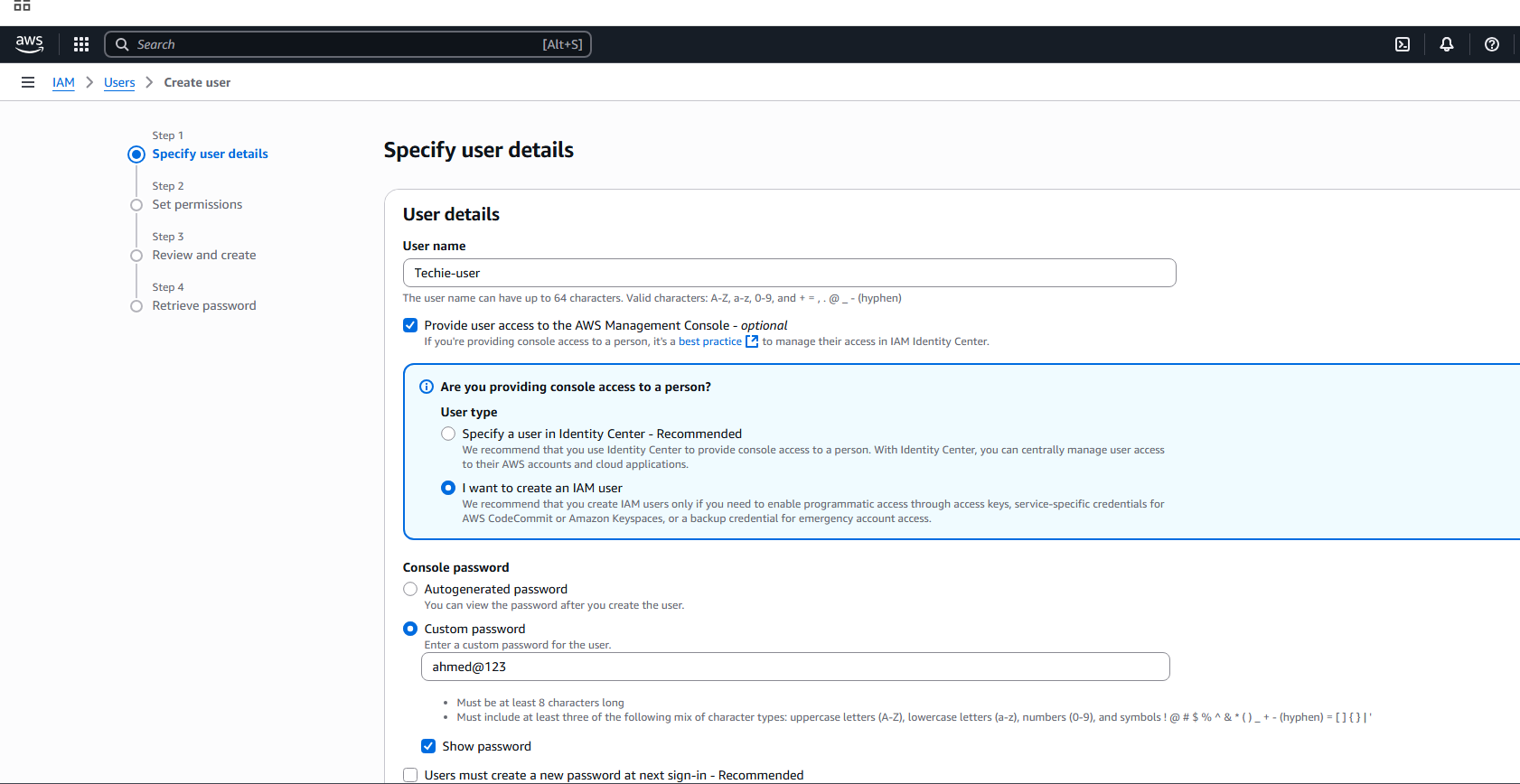
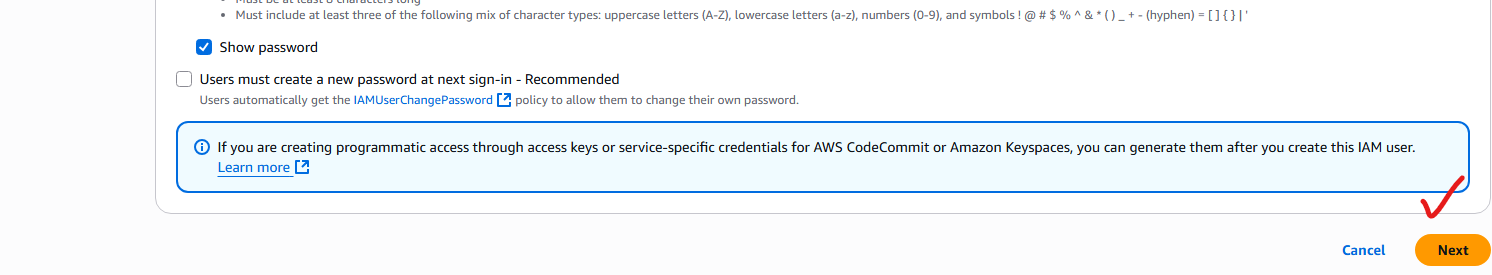
1) Create one IAM user and assign ec2,s3 full access role.

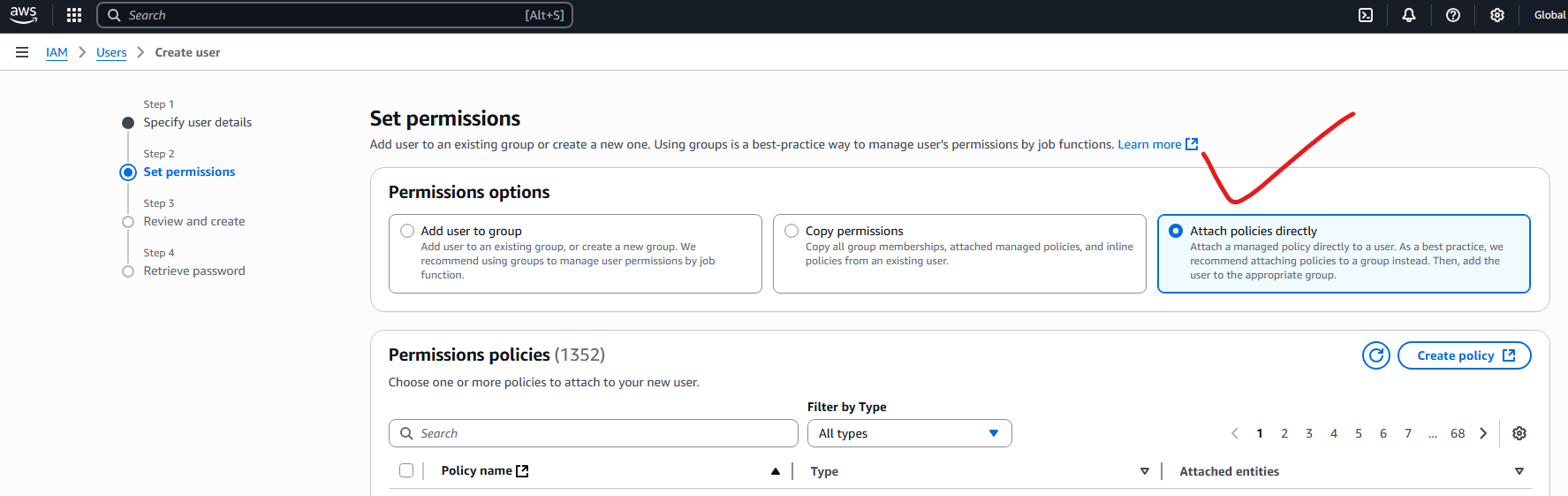
Create an IAM-user with the name “Techie-user”

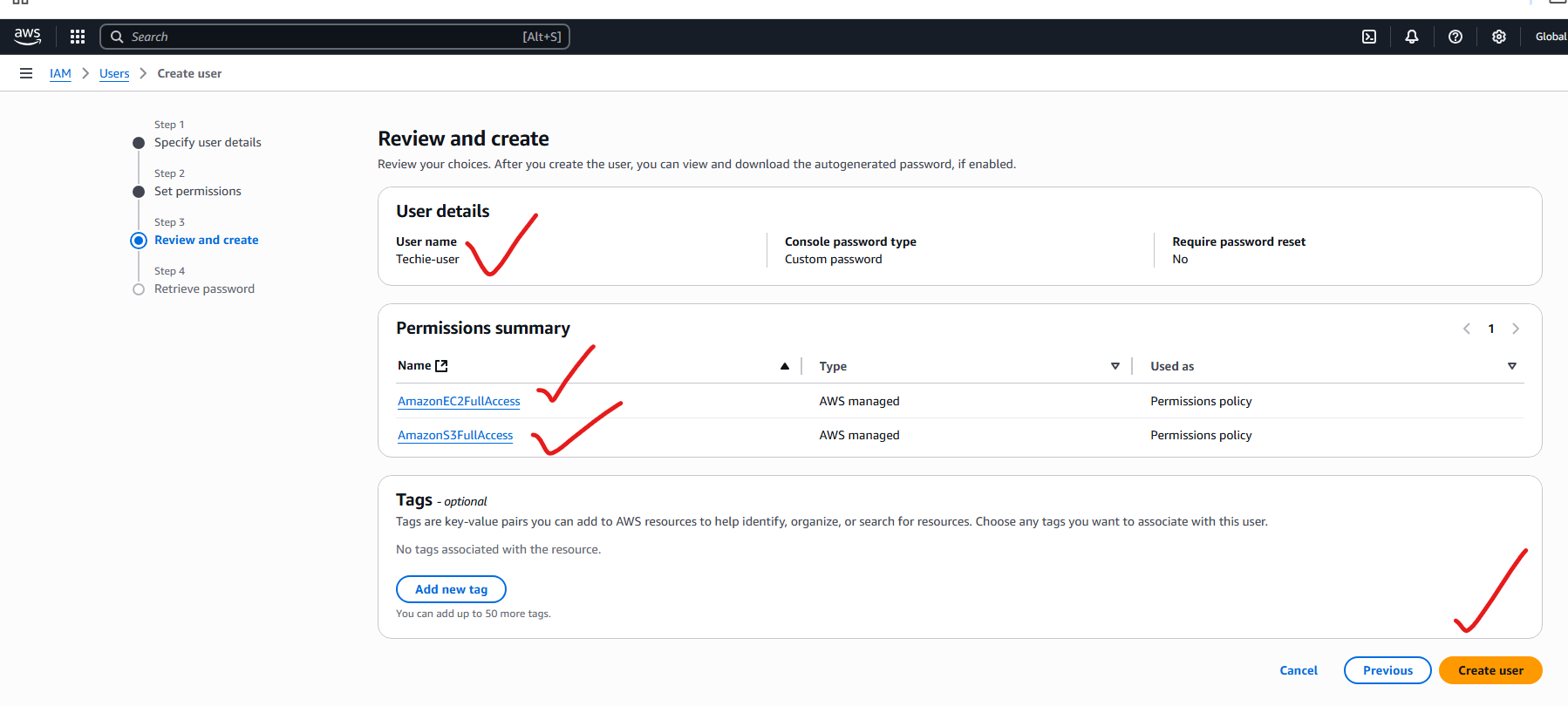




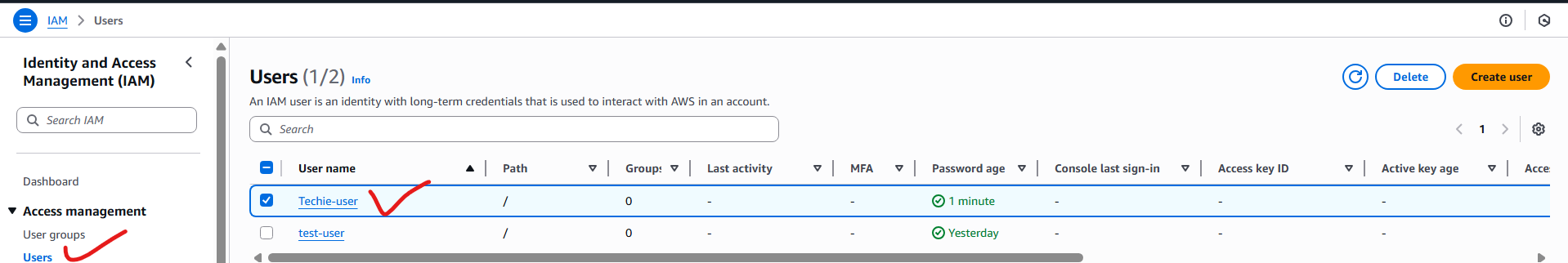


Assing a EC2 and S3 full access:



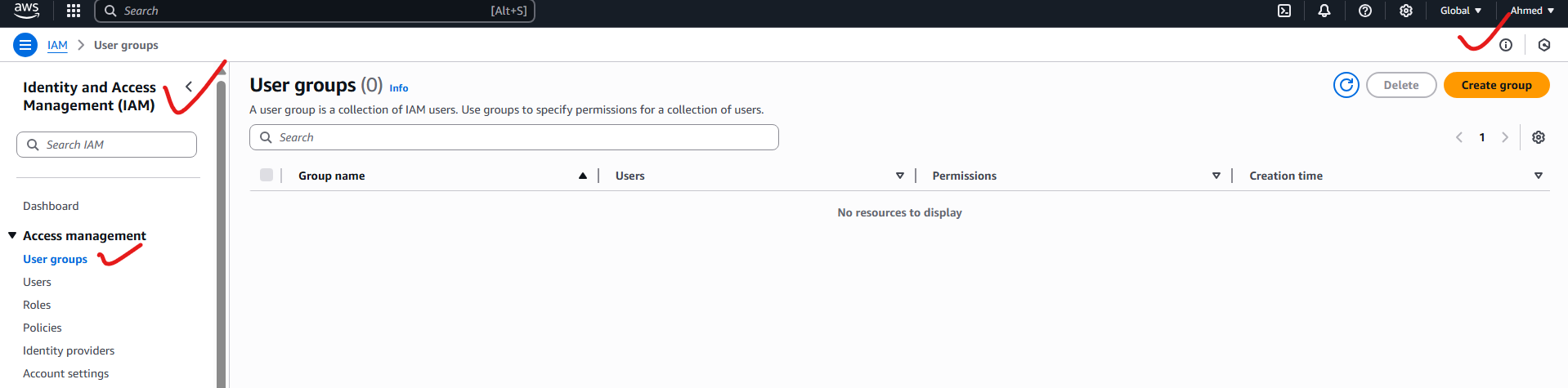


Created a IAM-user with ec2 and s3 full access:

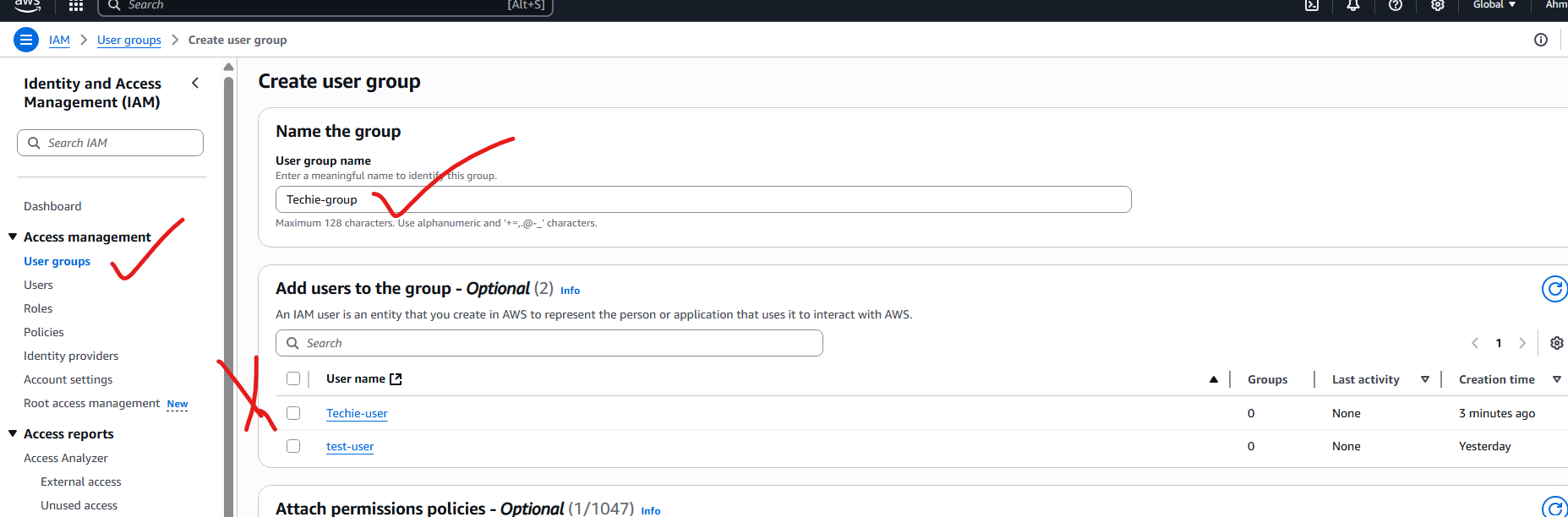


2) Create one Group in IAM and Assign Read access for ec2.

Crating a group:



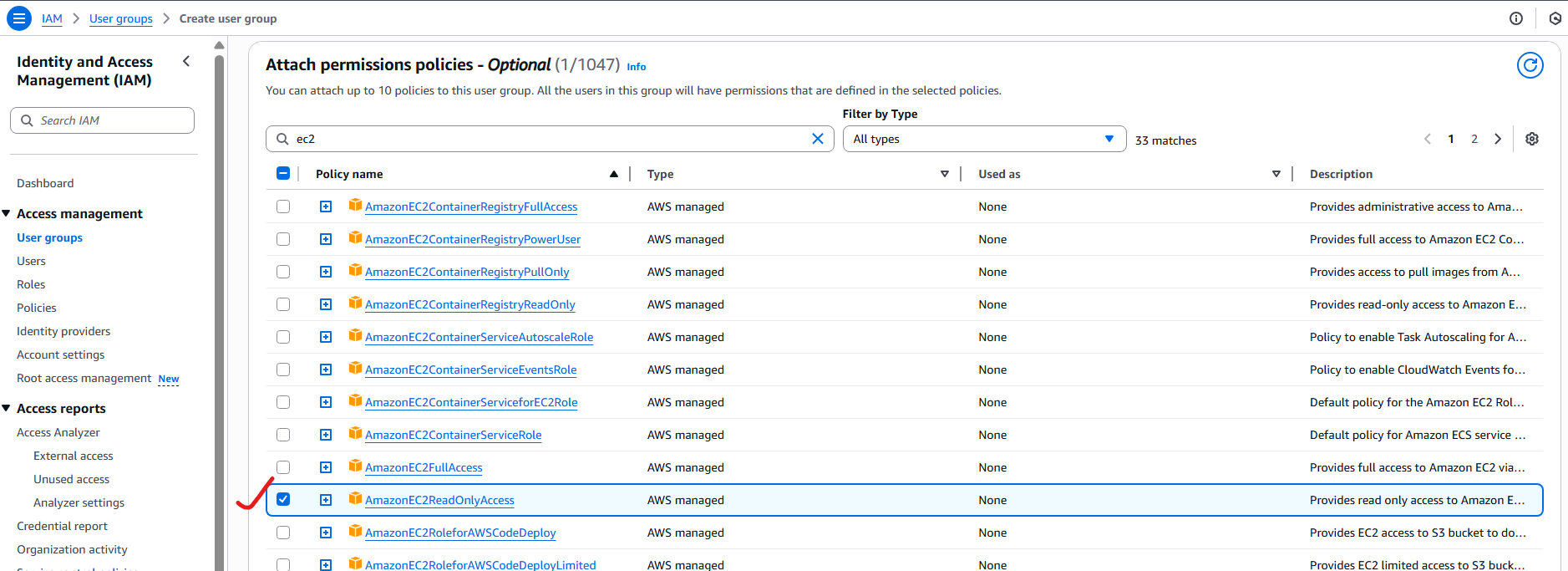
Not selecting the users, because I am just creating a group and assigning ec2 read access:

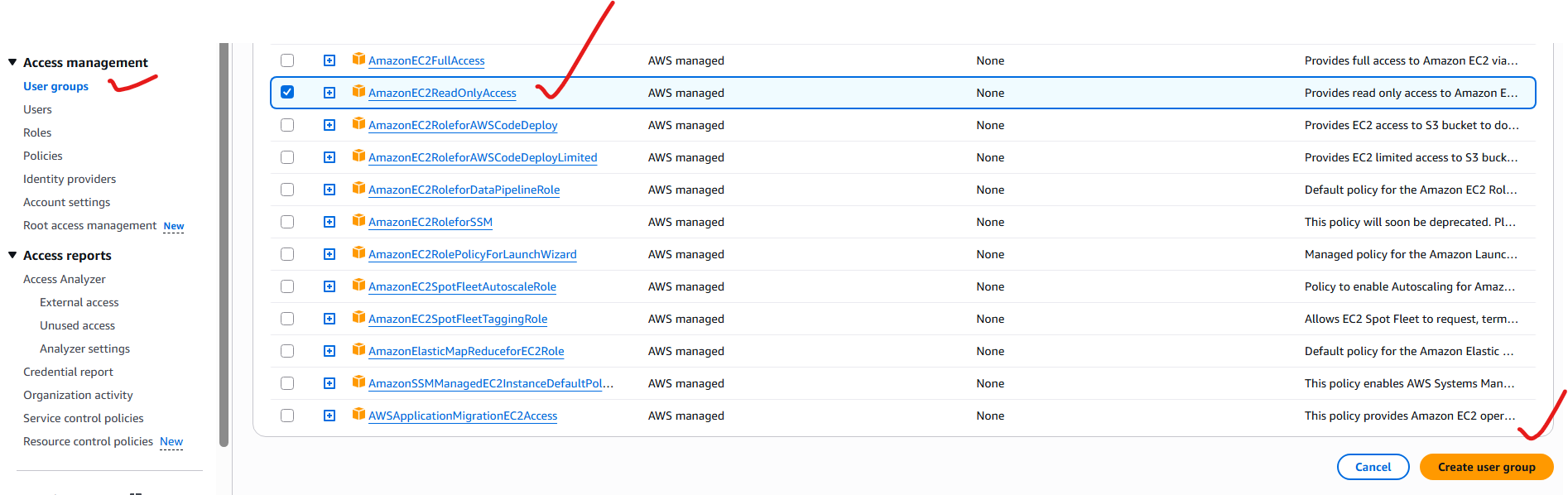




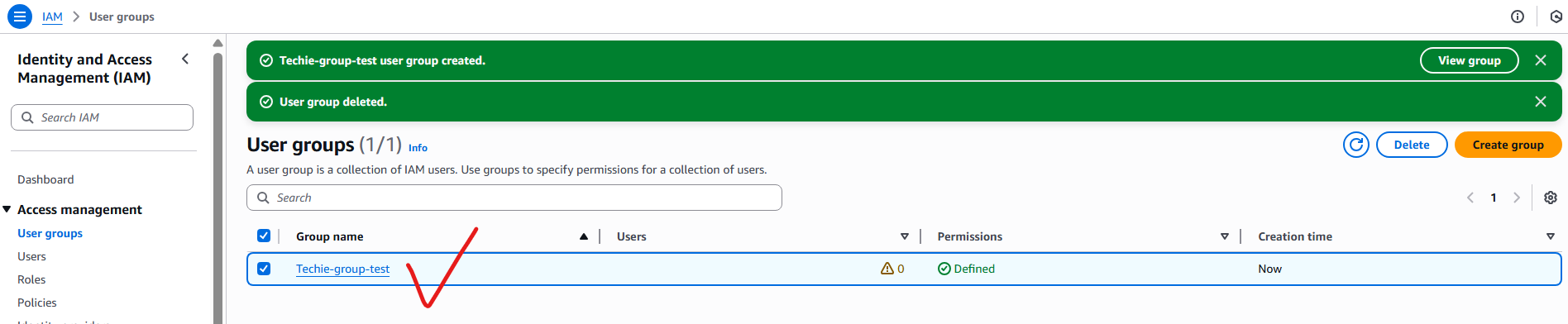
Techie-group-test



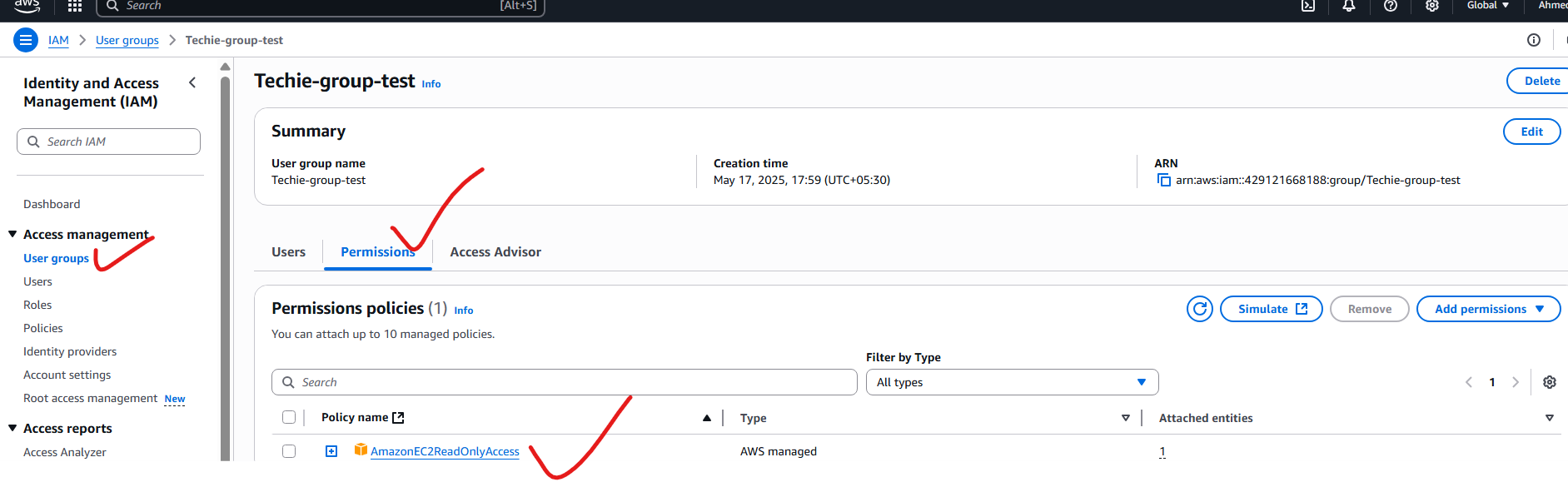




Crated the group:Techie-group-test:

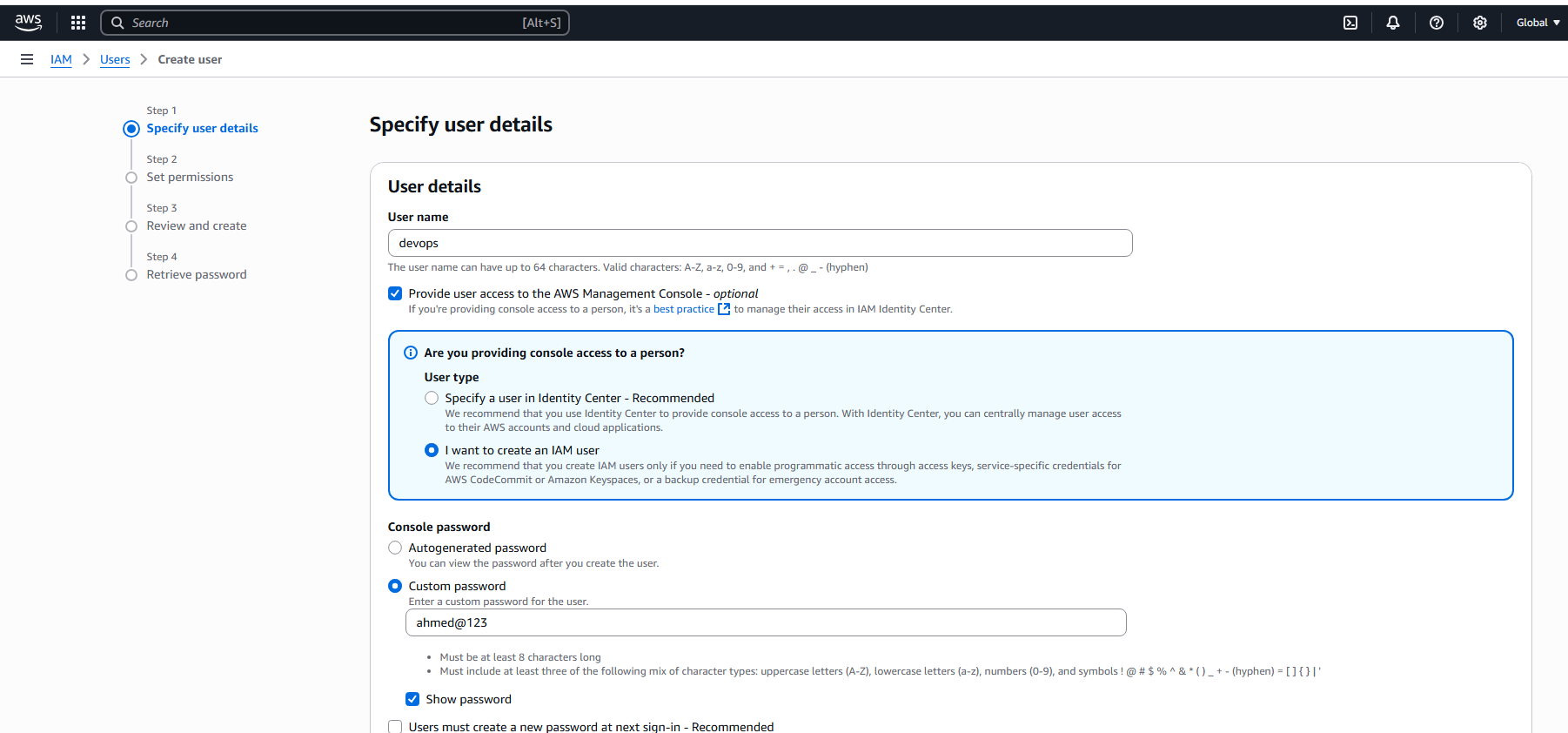


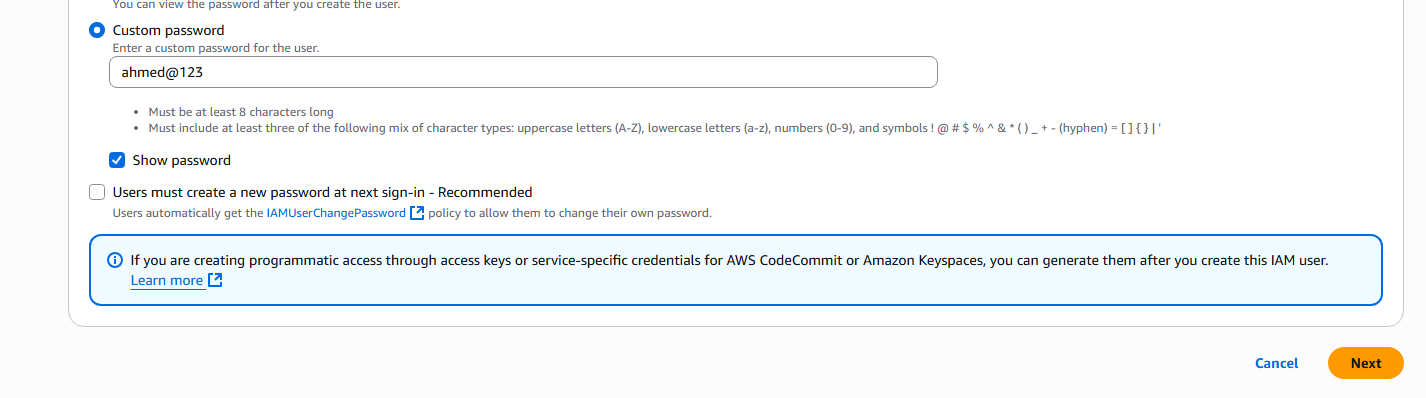
With ec2ReadOnlyAccess permission:



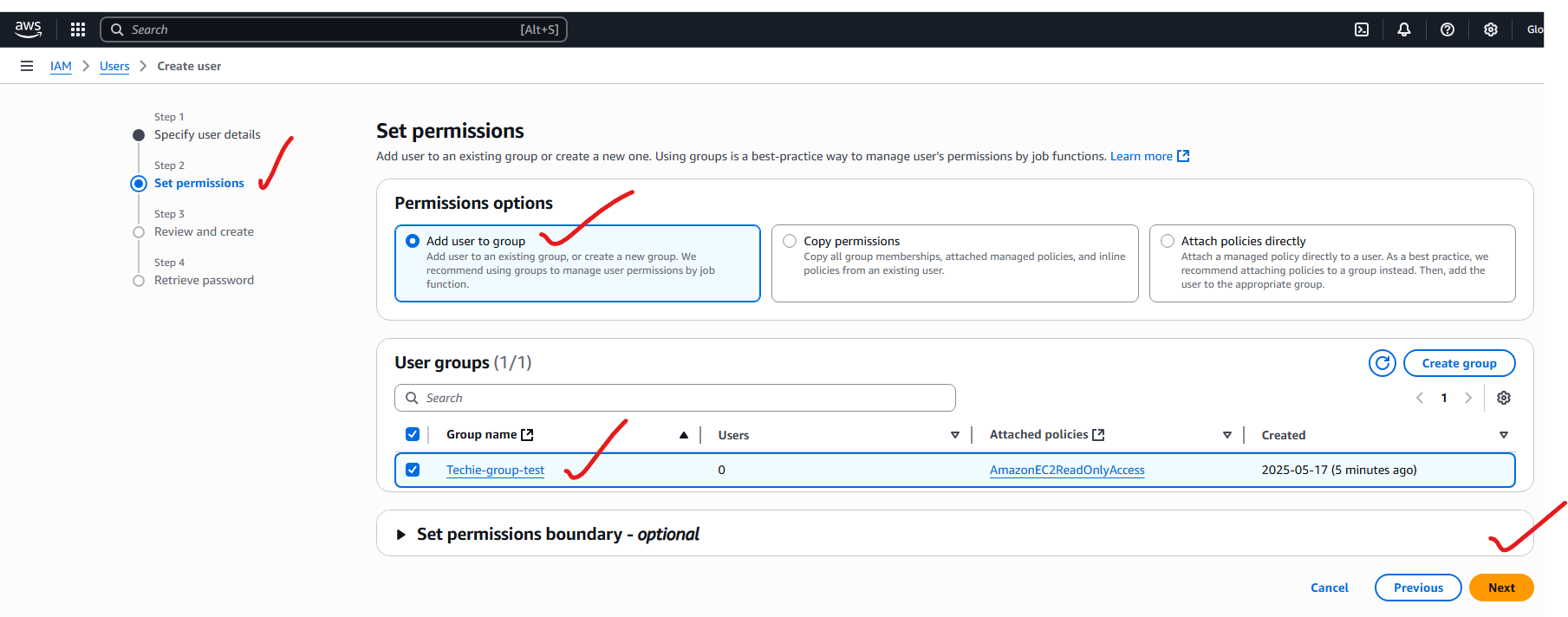
3) Create a new user with name Devops and add to the group created in task2.

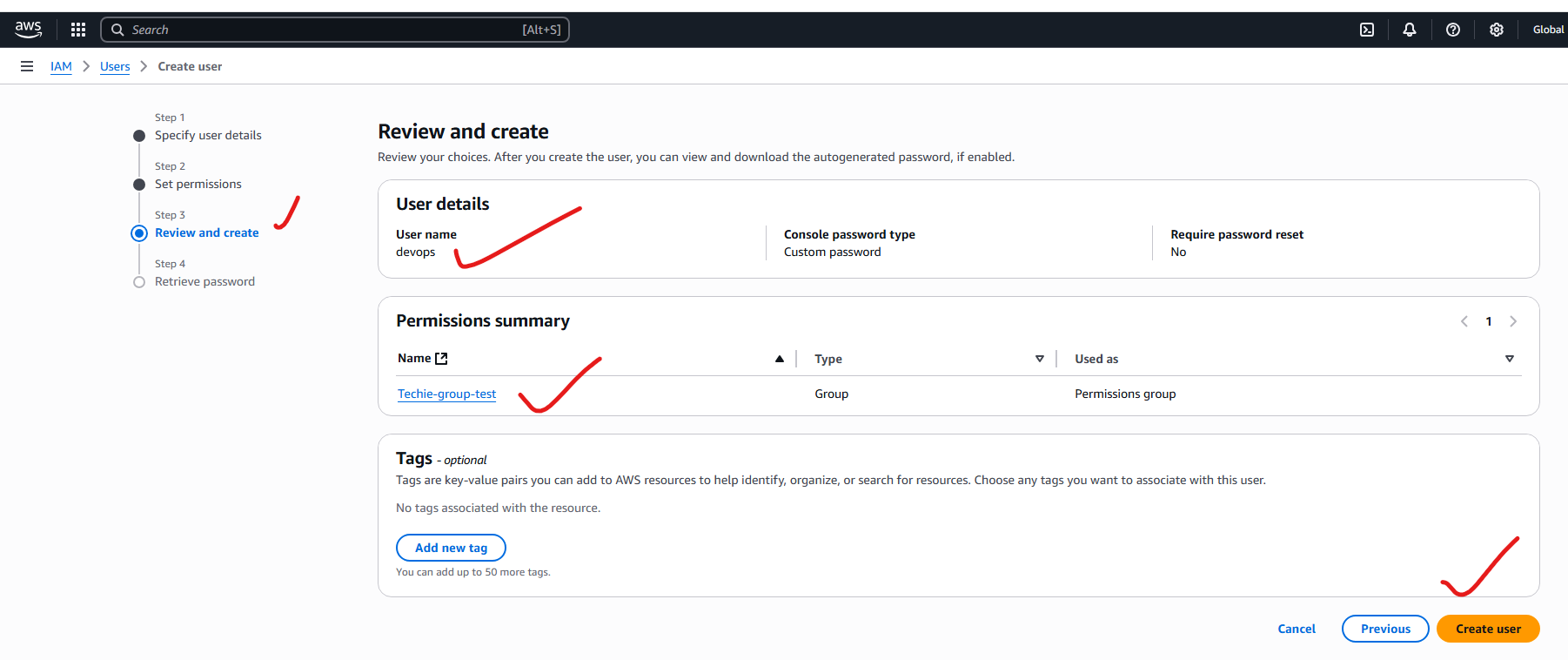
Creating a user with the name DevOps:



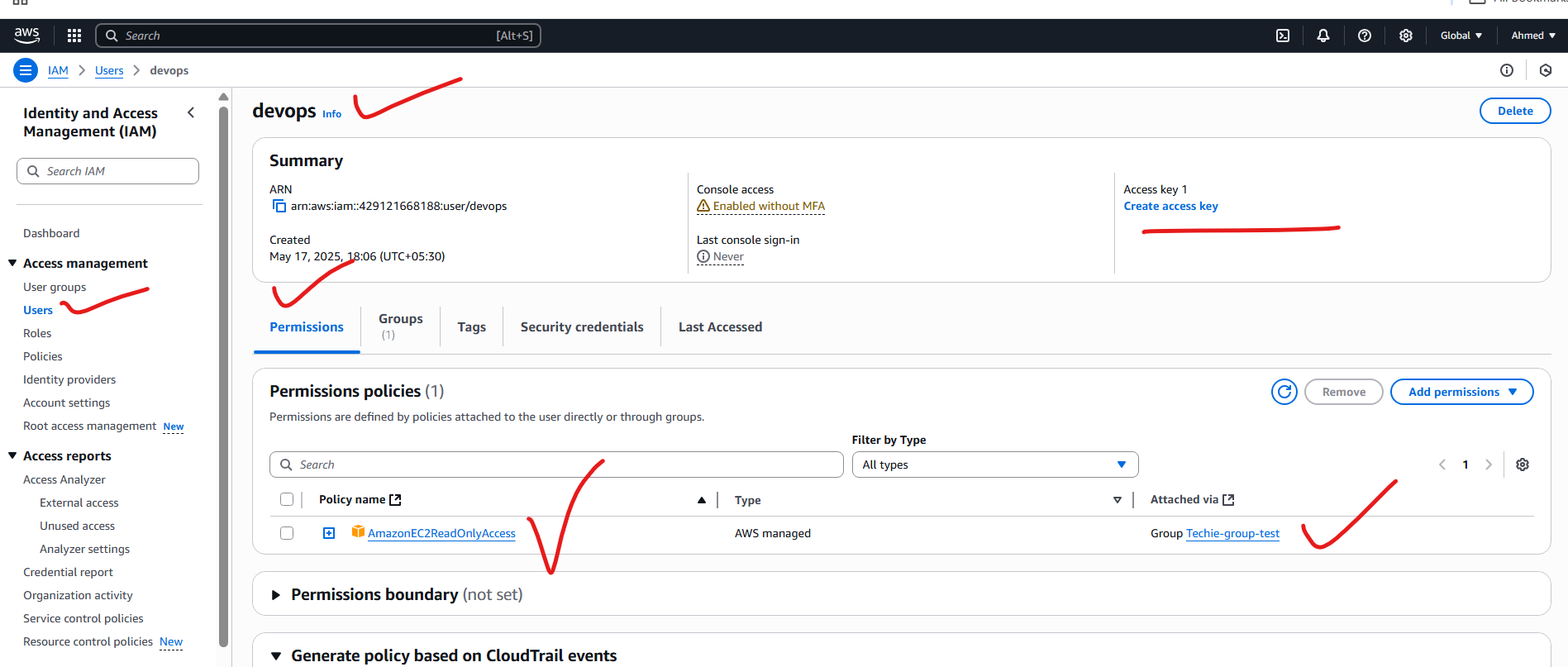


Adding user to the existing group:

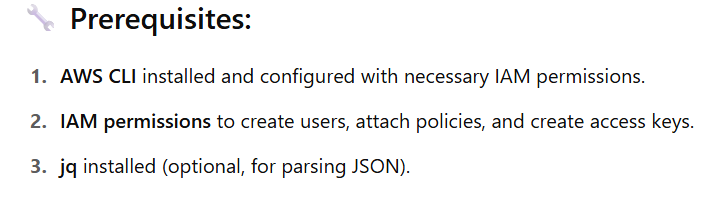




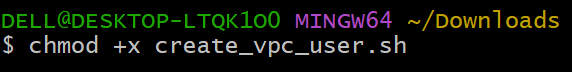
Successfully added the devops user to the group(having ec2 read only permission):

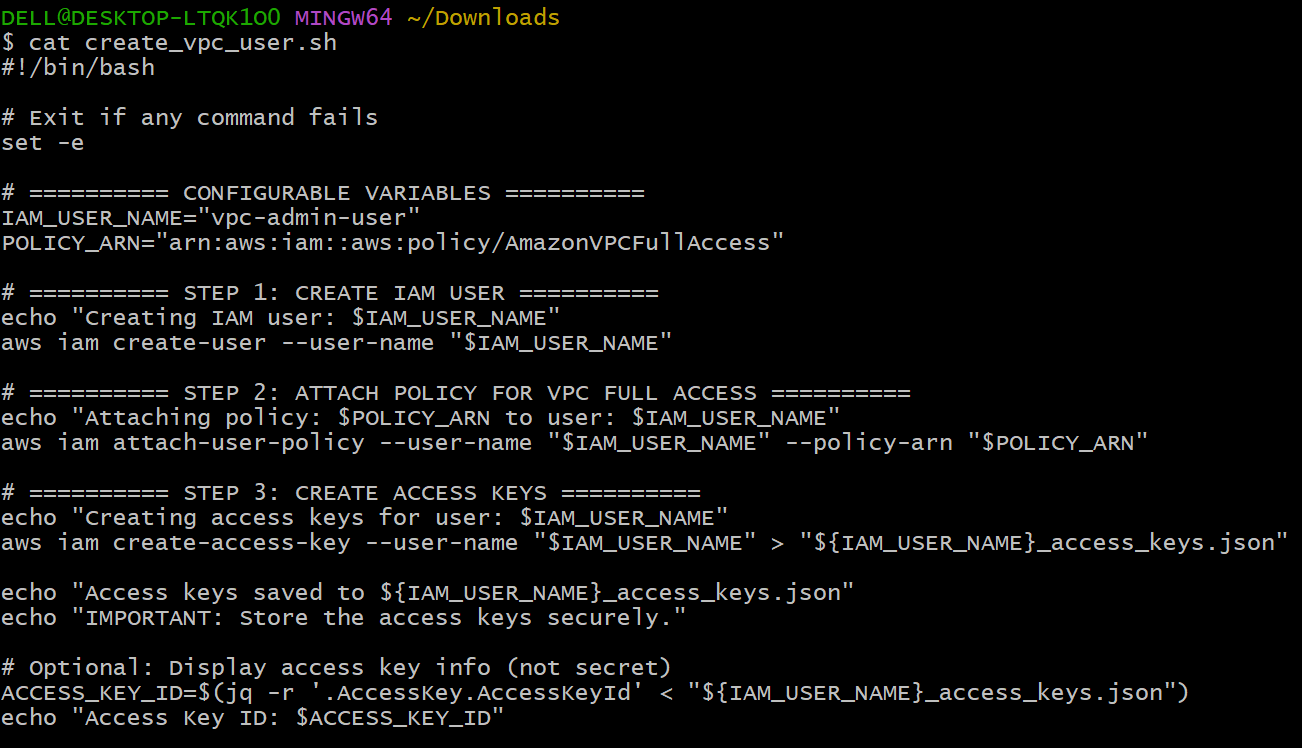


4) Write a bash script to create a IAM user with VPC full access.

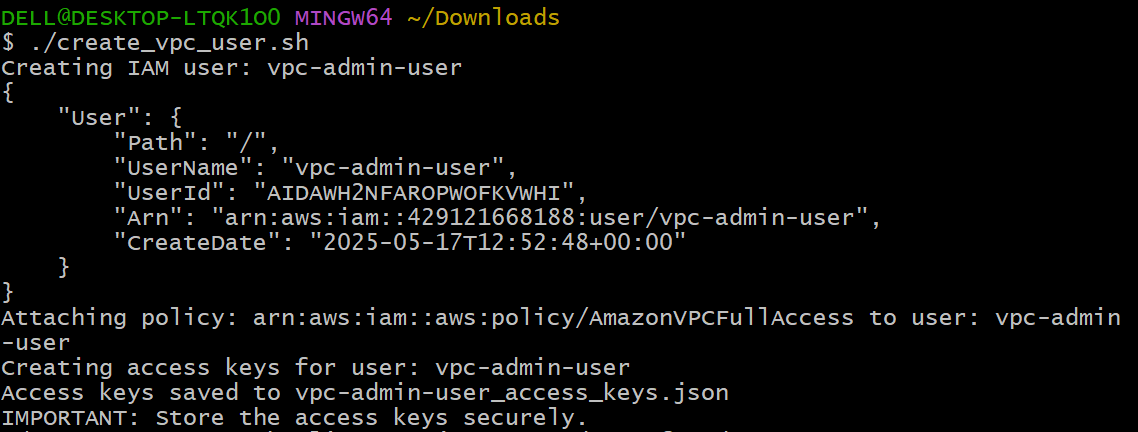


Create a file name with “create\_vpc\_user.sh”:

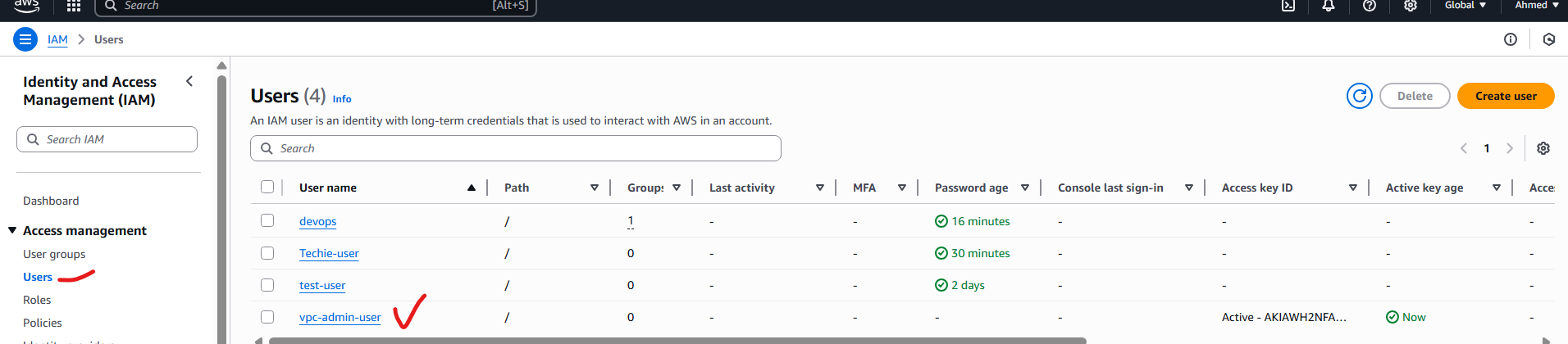




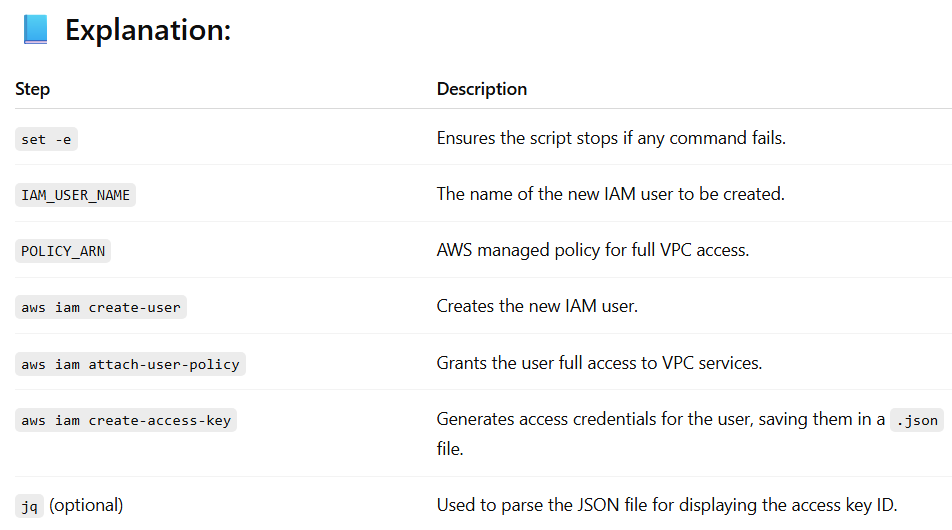






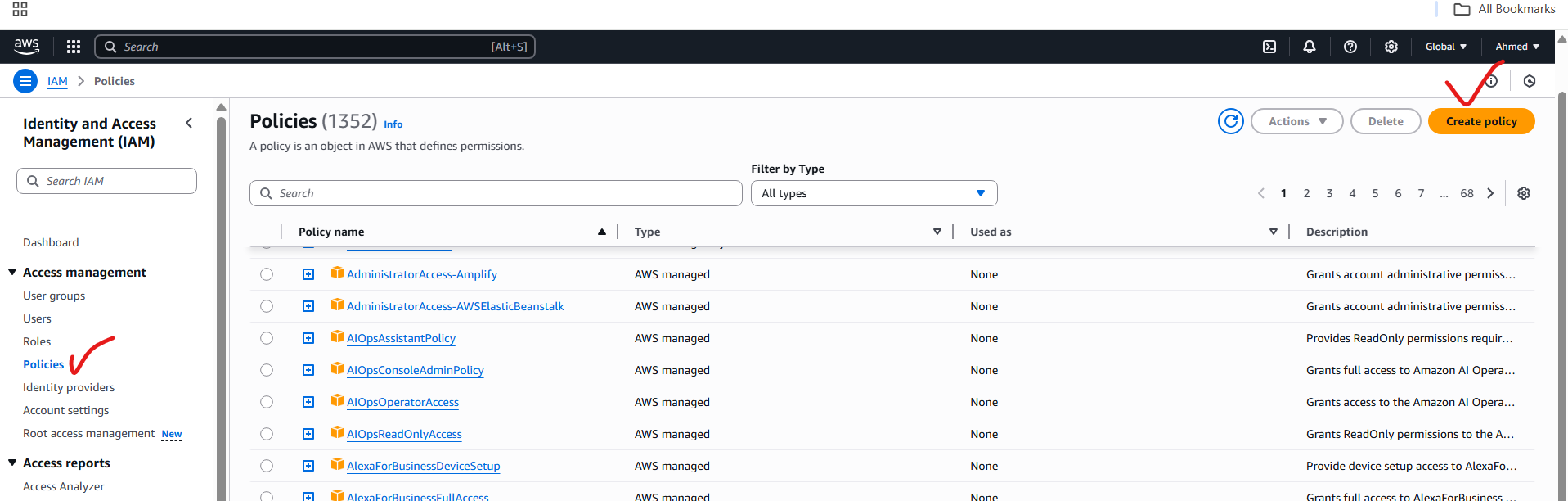




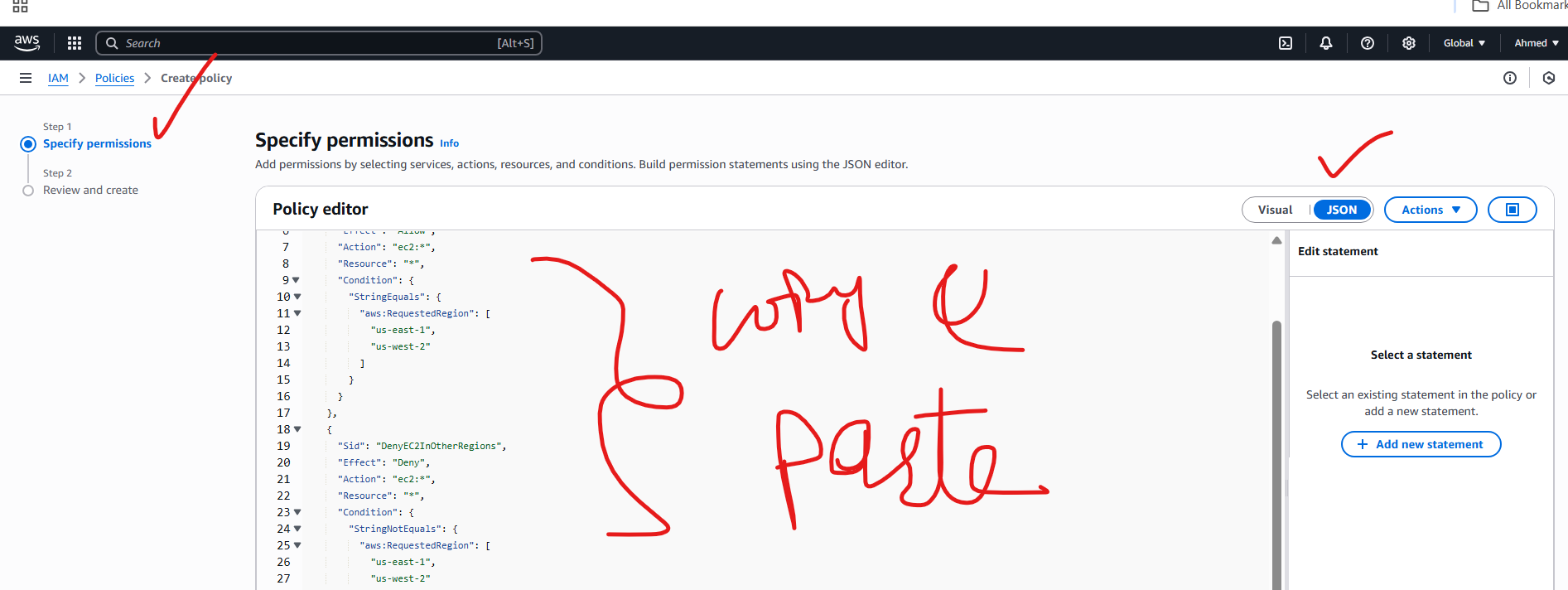


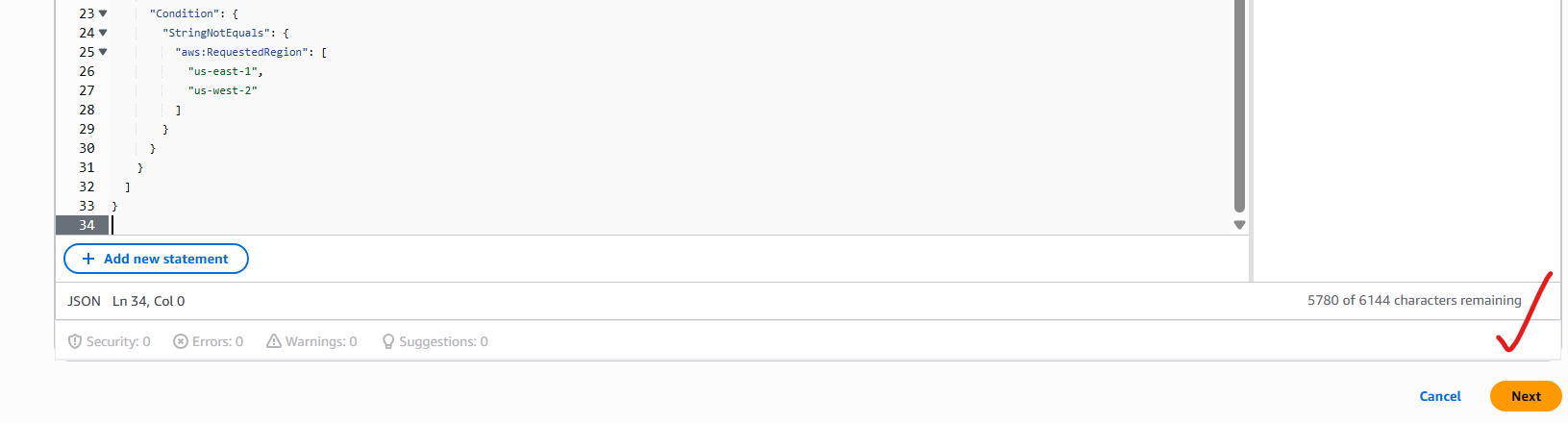
5) Create a IAM policy to access ec2 for a specific user in specific regions only.

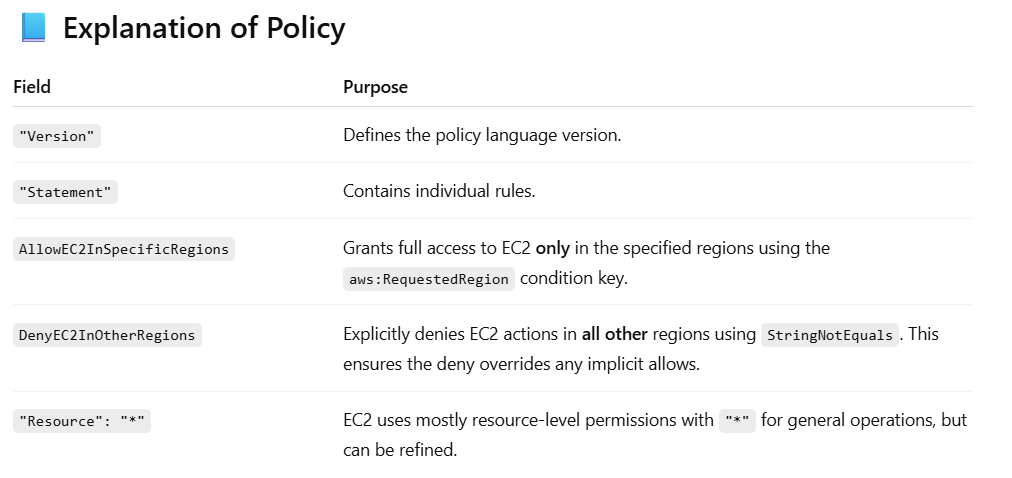
First we create our custom policy:

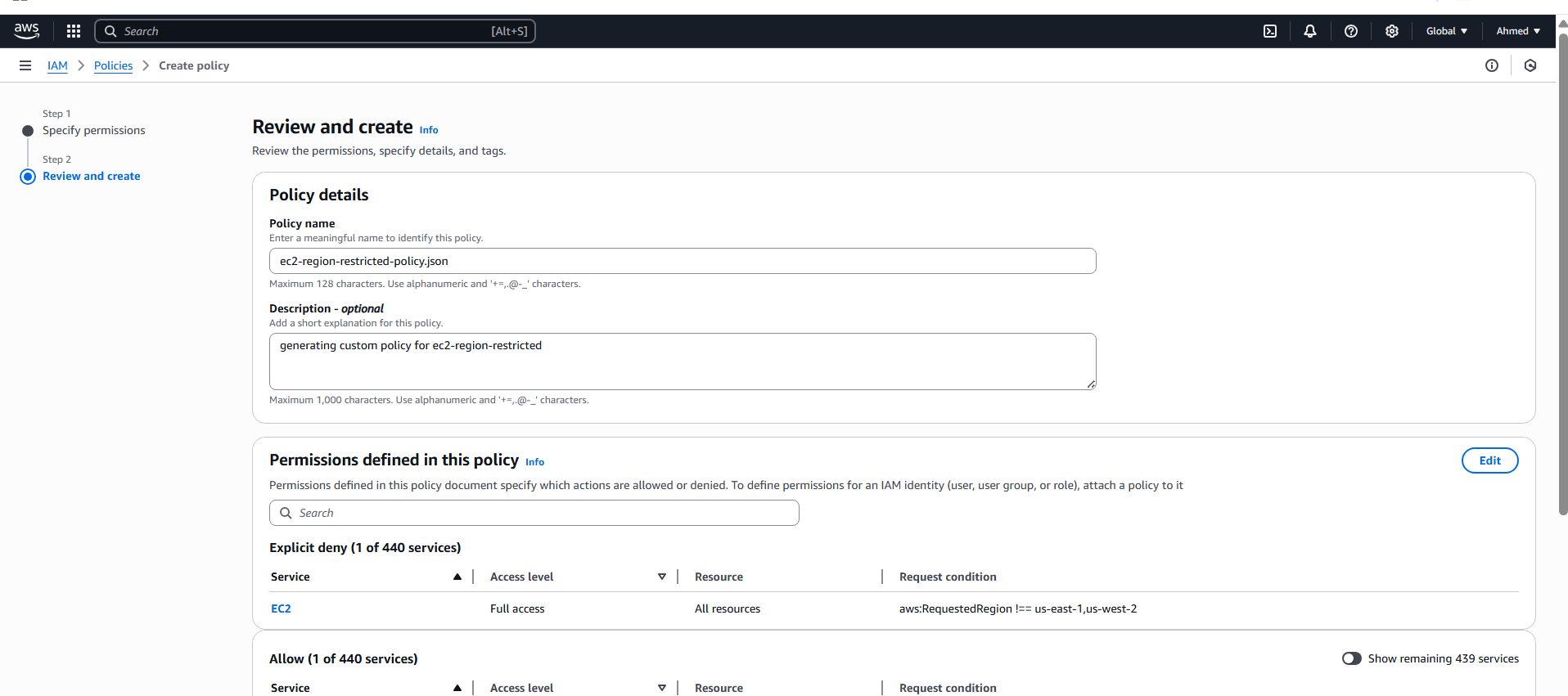


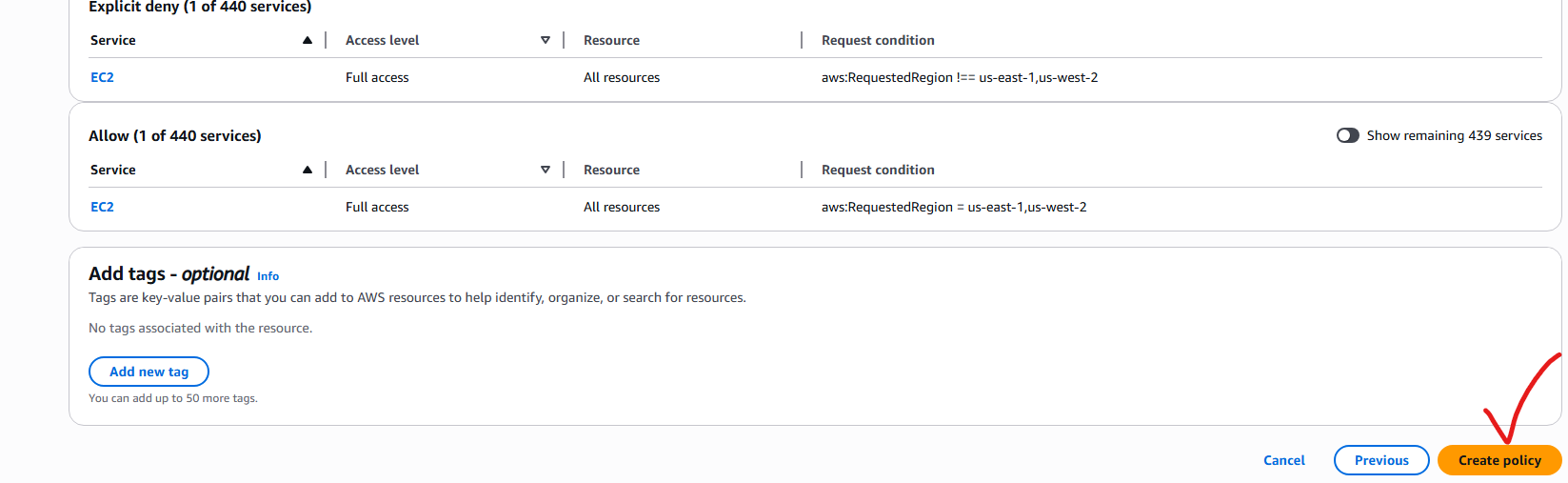
Copy the json script and paste in policy generator:



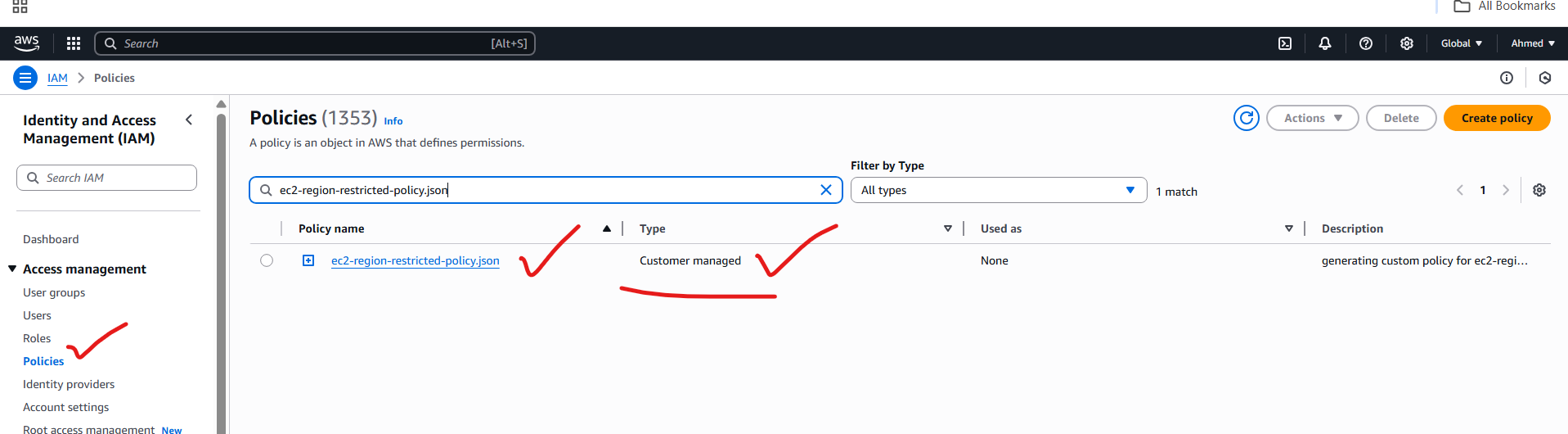






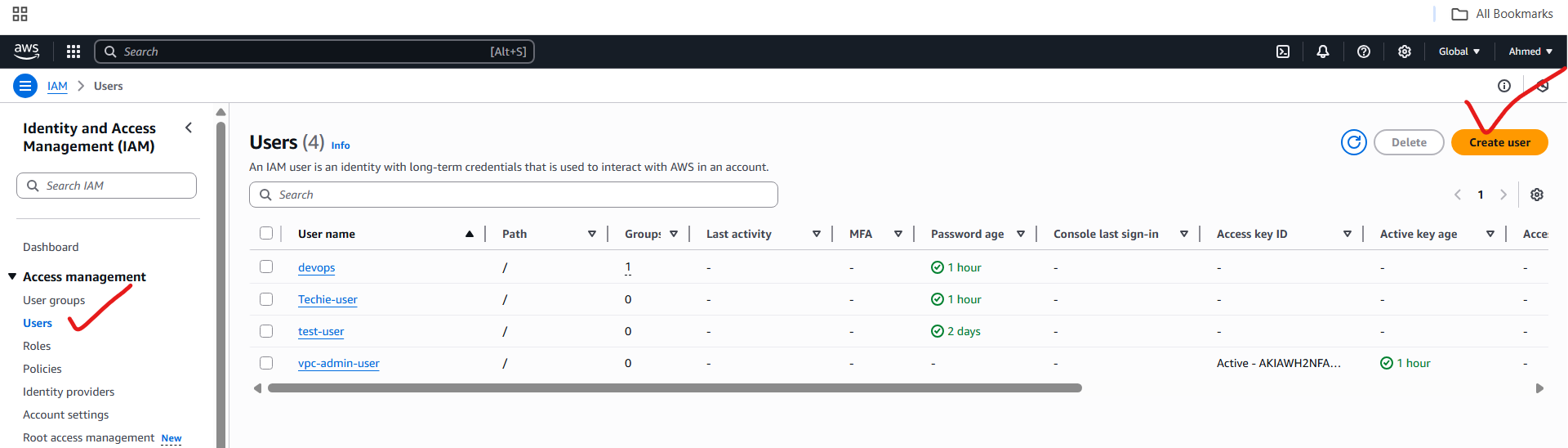


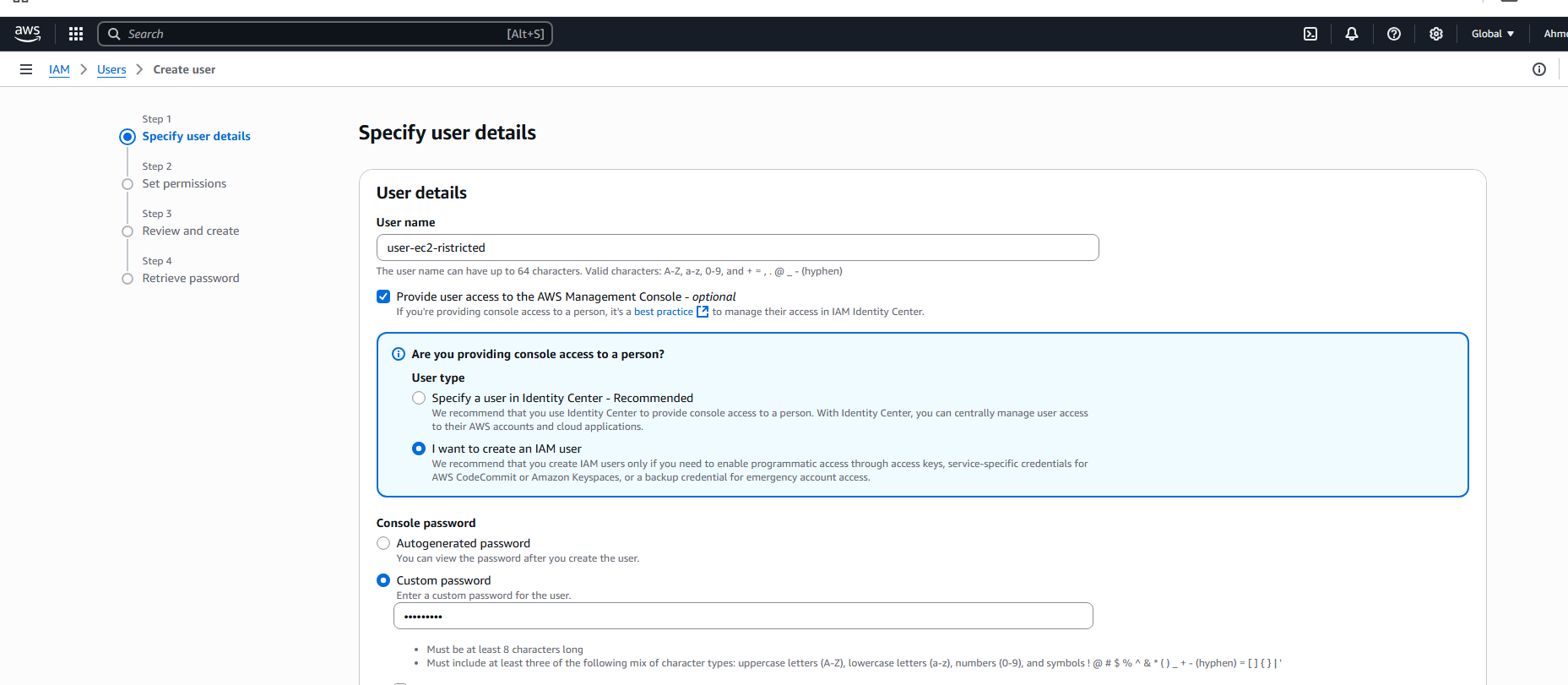
We created our own policy: customer managed

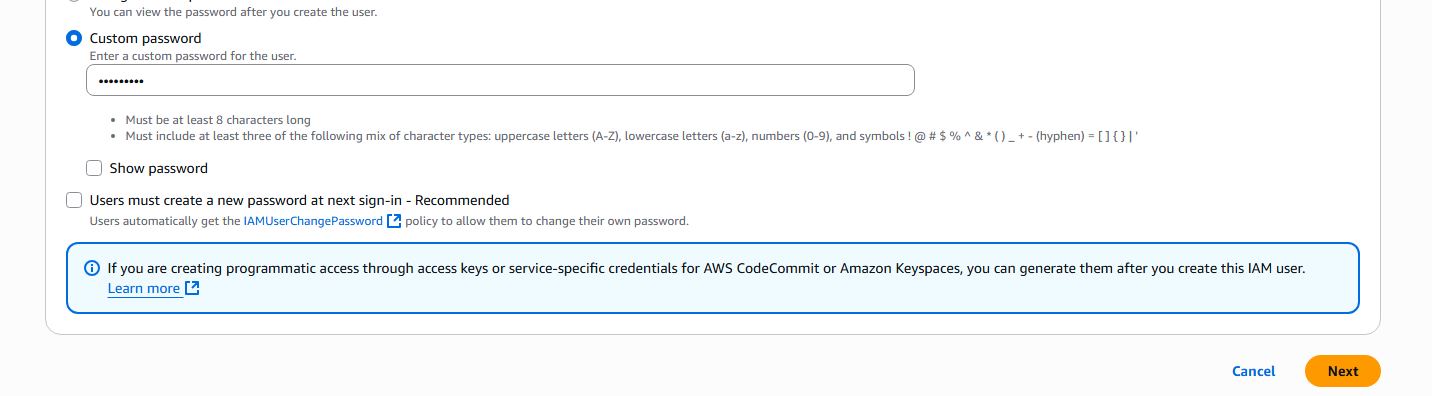


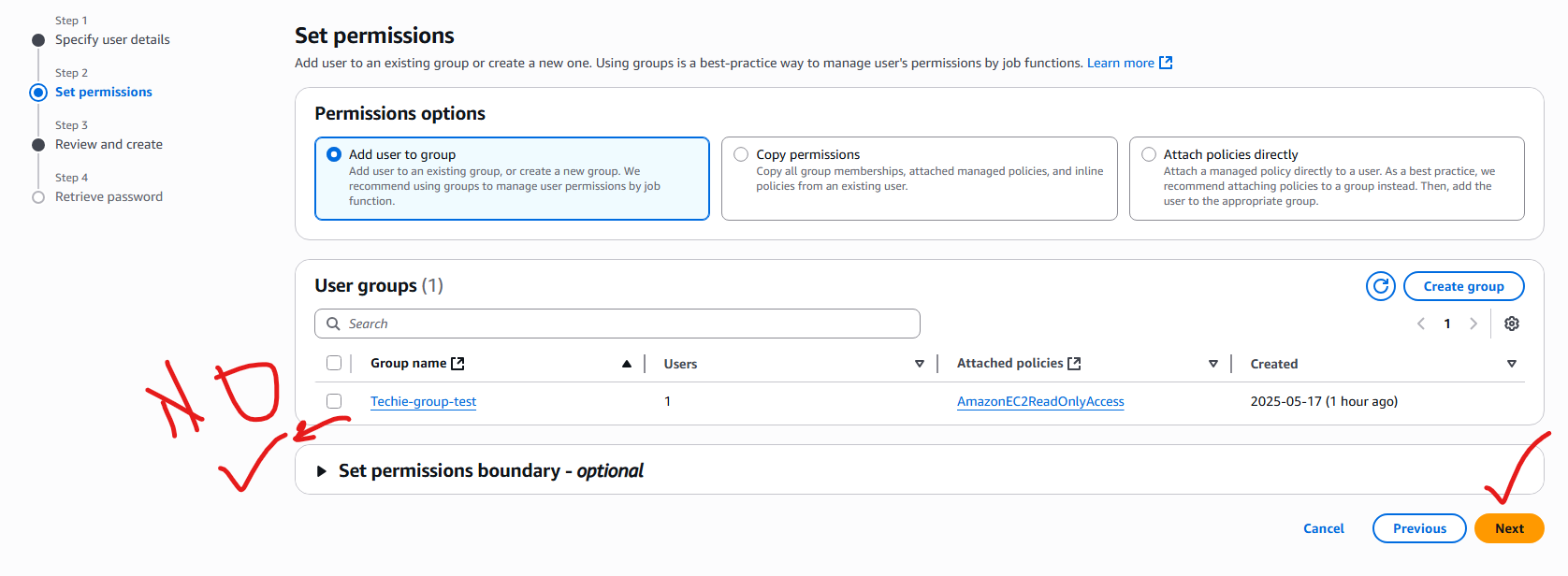


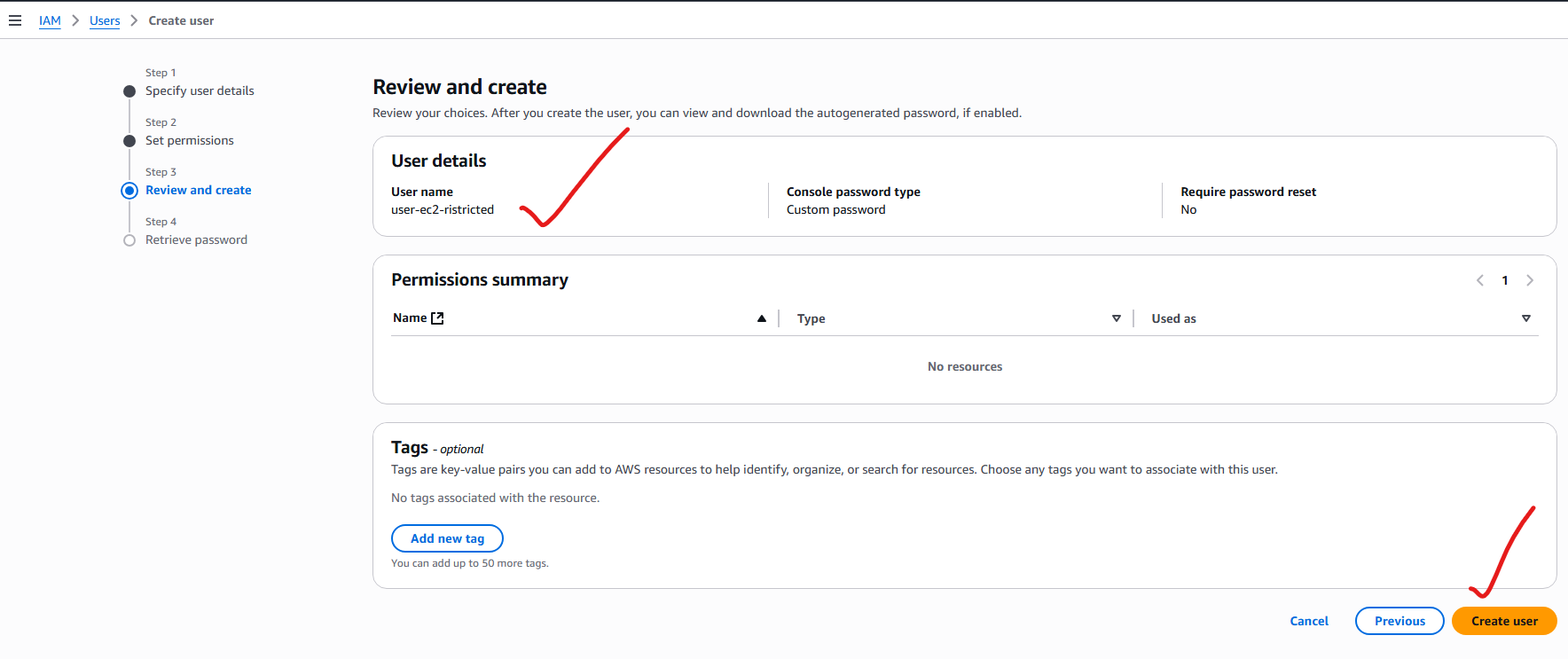
Create one IAM user:

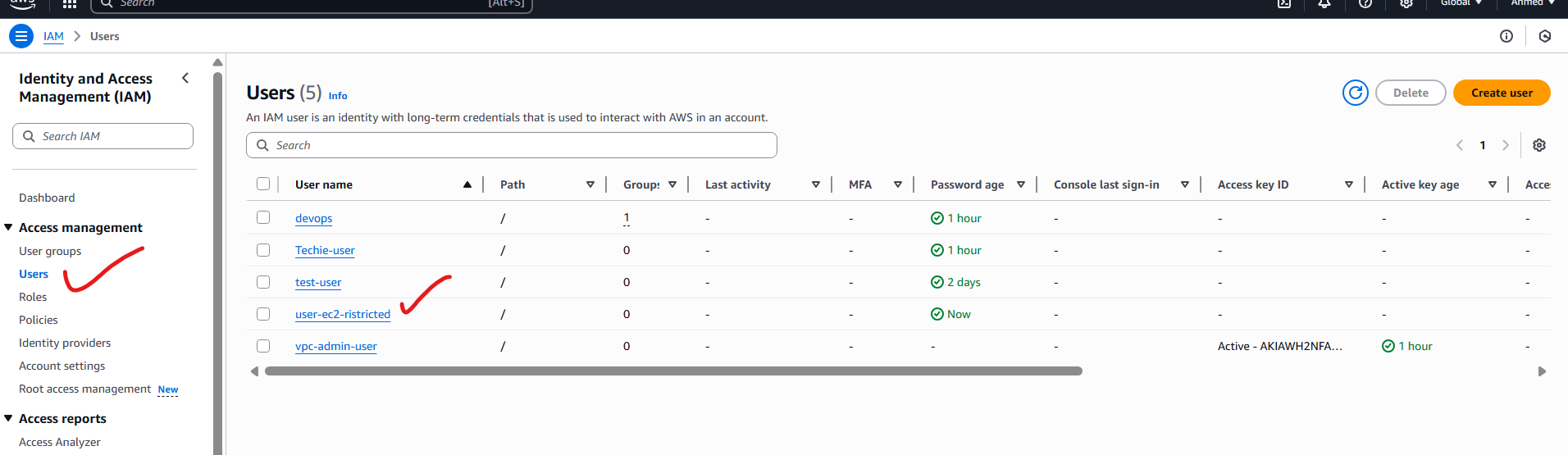




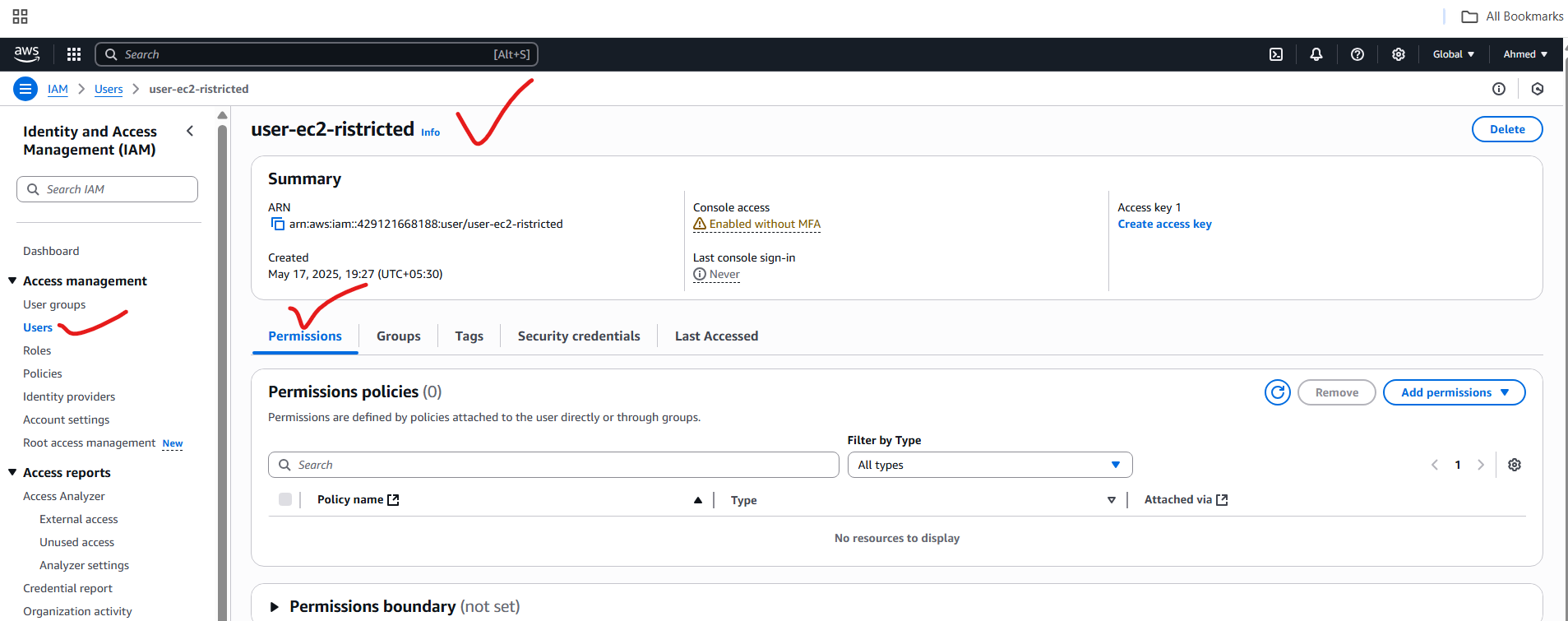


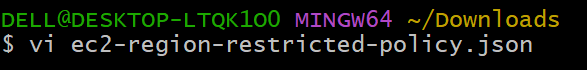




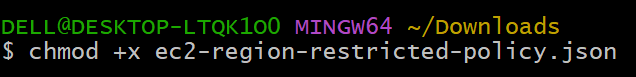


User created successfully:

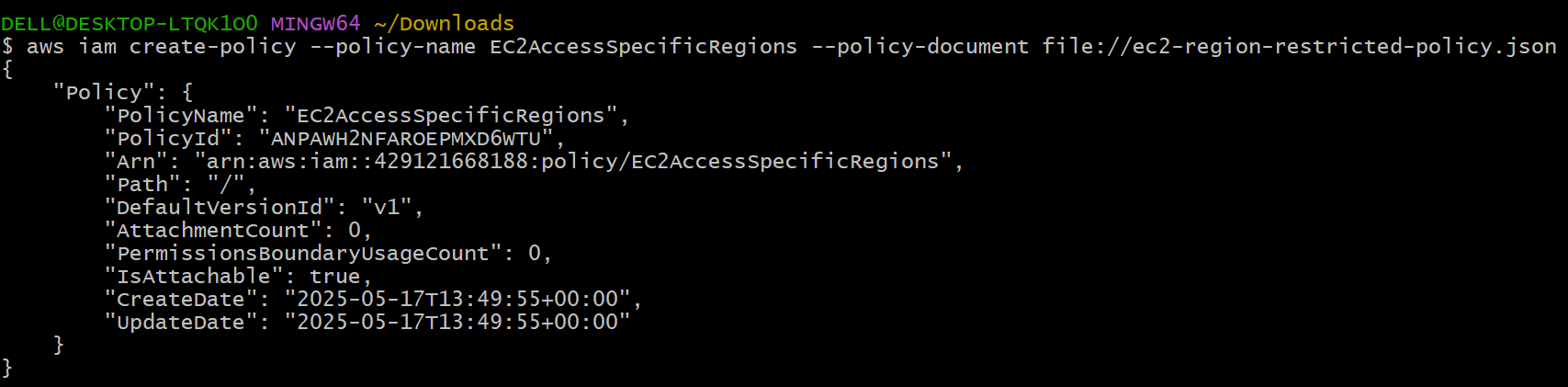




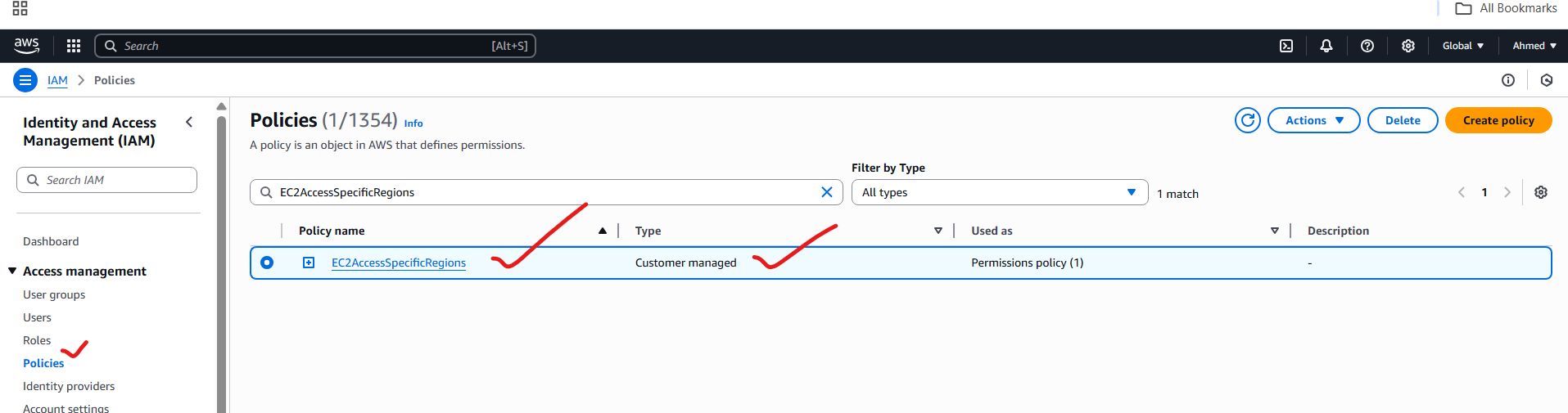


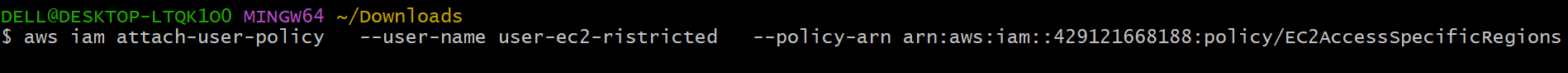


Command for creating policy:

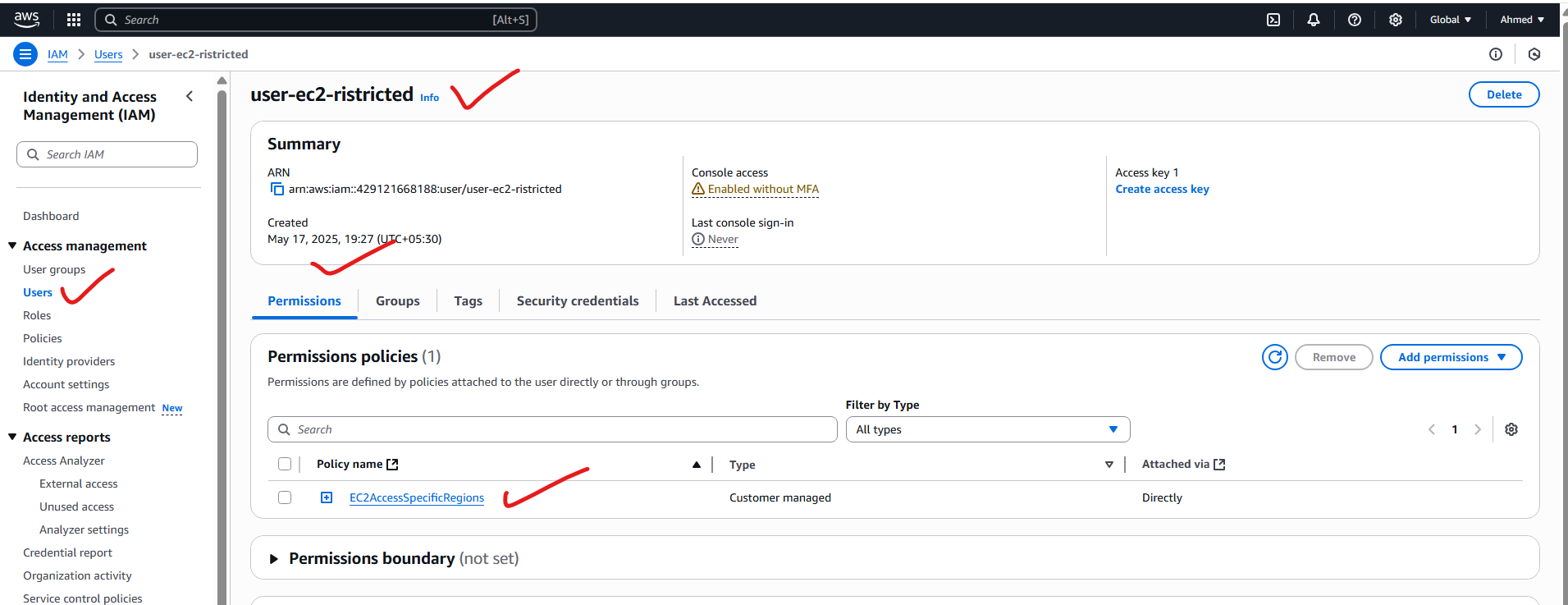


Policy created:

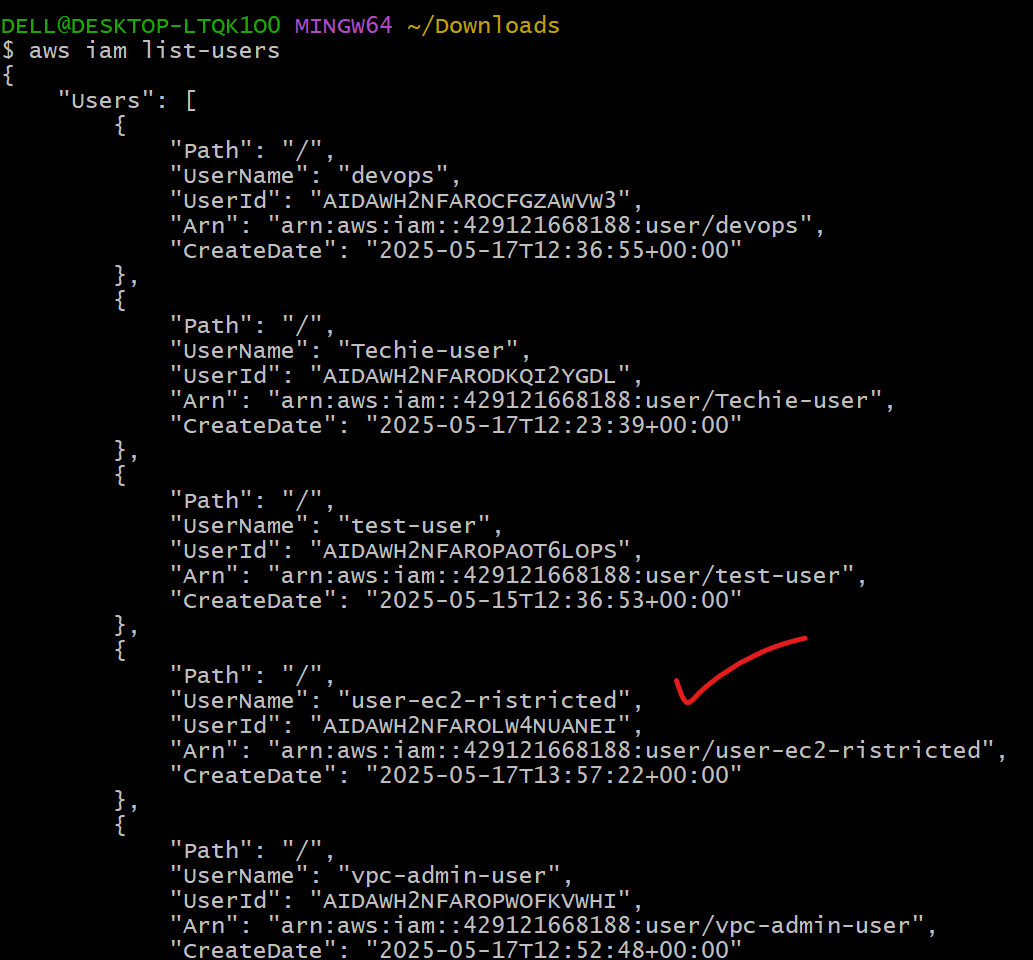




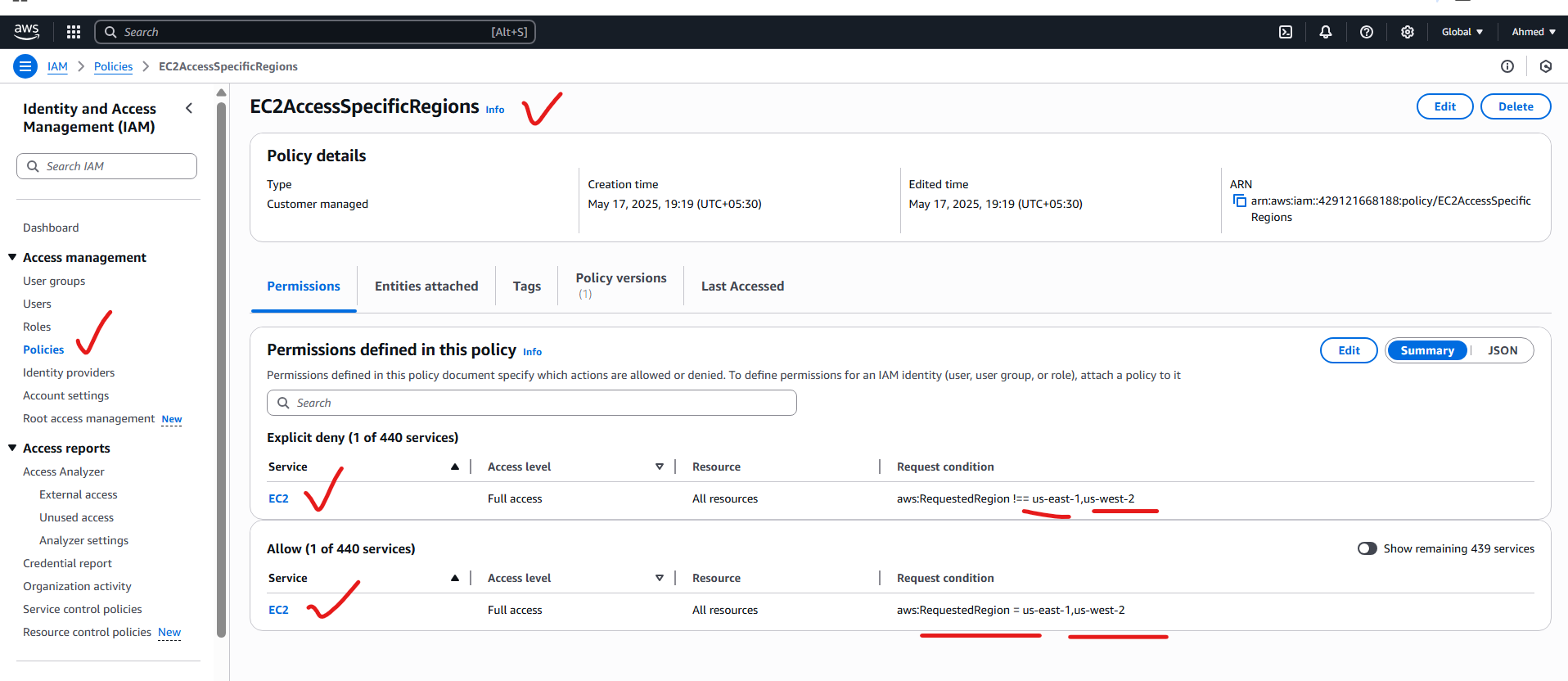
Previously it is not there, but after executing this command we attached our custom policy



To check the list of users created in AWS IAM: the command is



We created a policy that a user can access only this region only, as shown below:



And we attached this policy to “user-ec2-ristricted”: so this user can only access the ec2 in this region only, as shown in the above screenshot

