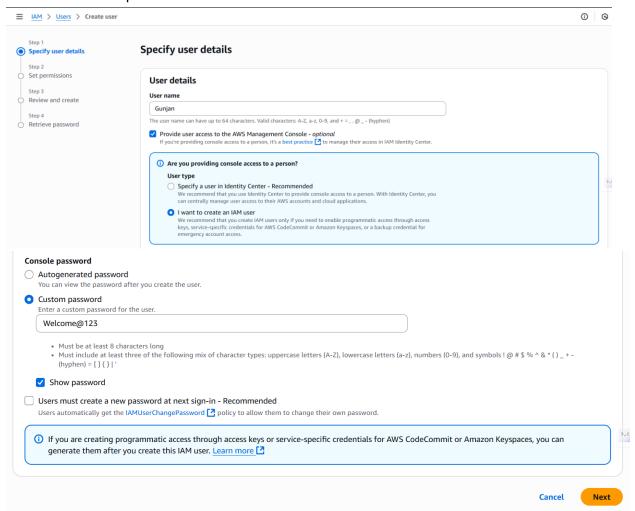
IAM Resources Task

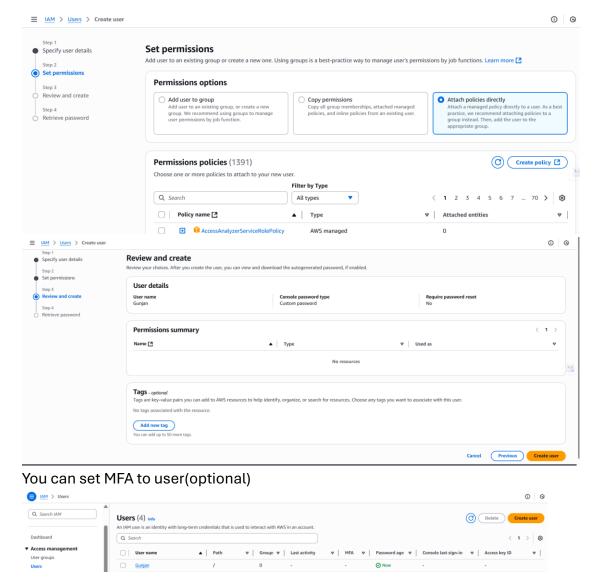
IAM (Identity and Access Management) is a service in AWS that helps you decide who can use your AWS account and what they can do.

1. User: Individual identities

User Creation steps-



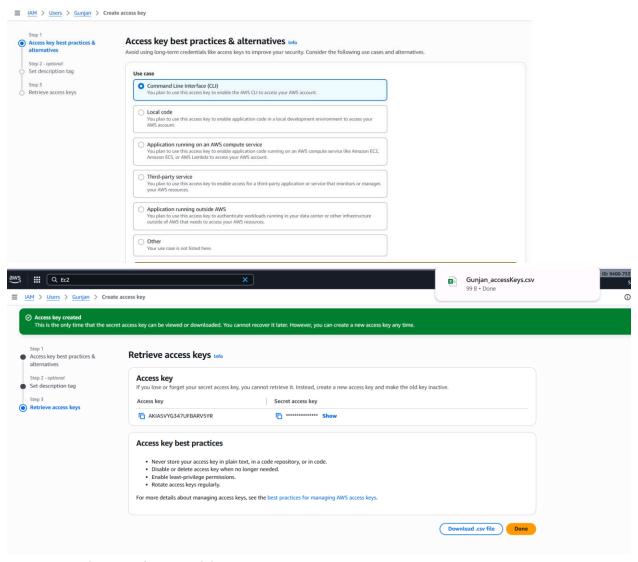
Attach Permission to the user



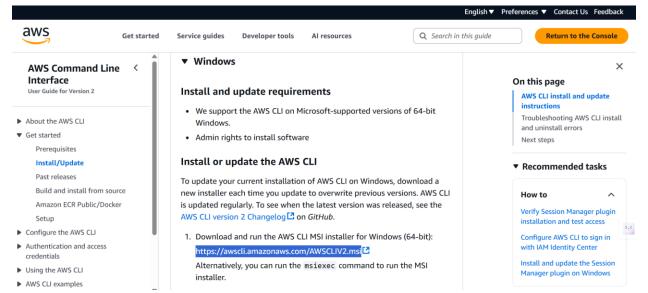
Why do we need Access Key for a user?

- Because **applications**, **scripts**, **or CLI (Command Line Interface)** cannot type passwords like humans.
- Access keys act like a username + password pair for software/programs.

Create Access key for user. You can create only 2 keys of single user

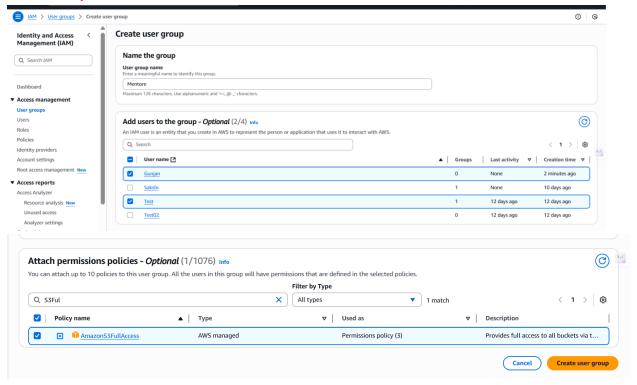


Install Aws CLI on windows OS

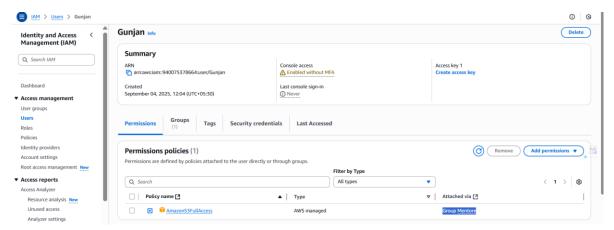


You can access user through CLI

2. User Groups: A collection of users.



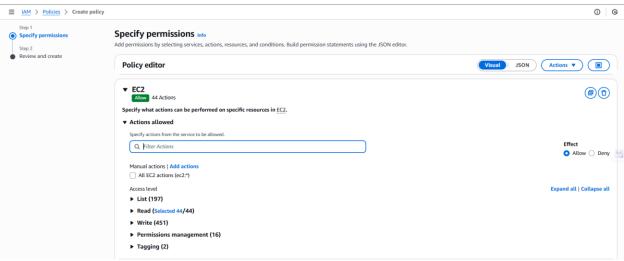
You can see user is added in group and having group permissions



3. Policies: Rules that define what a user, group, or role can do.

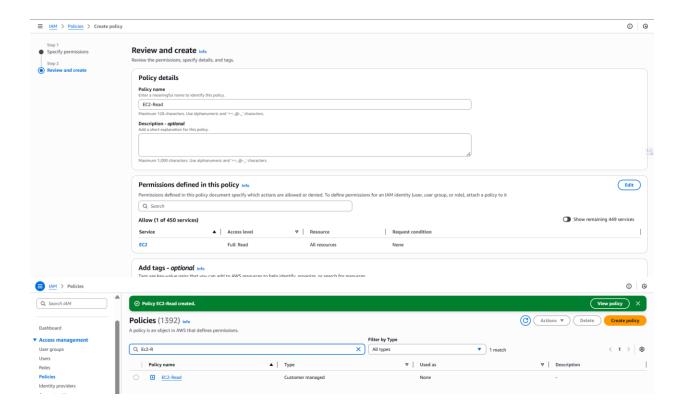
You can create policy for any service

Here is 2 ways to create policy -1. Visual 2. JSON

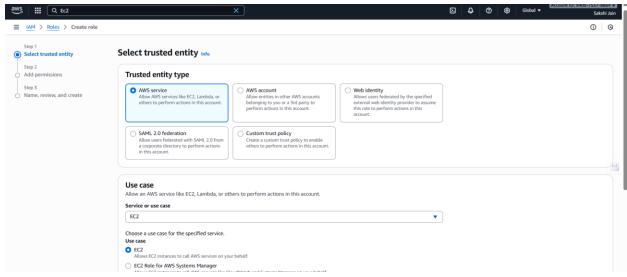


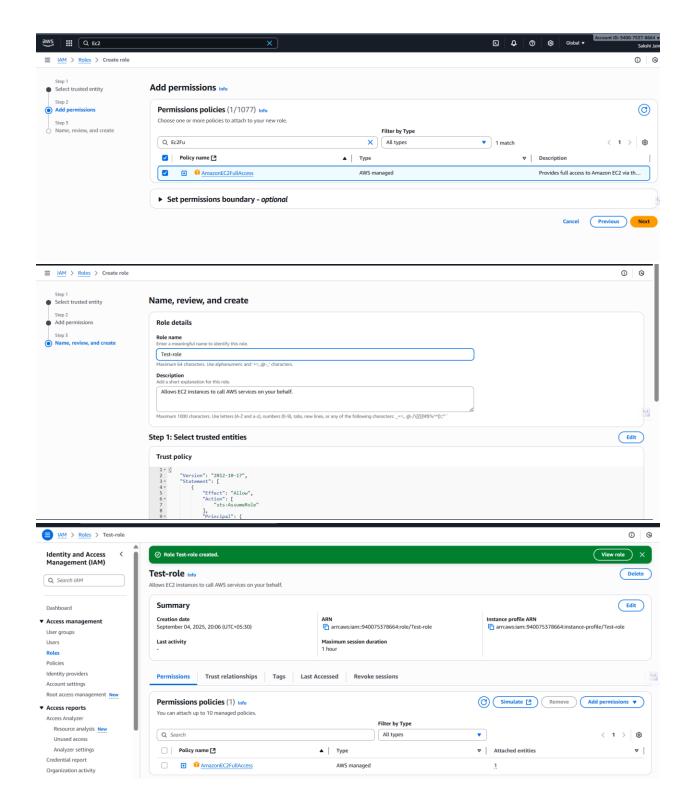
You can create policy for all resource or specific resource.



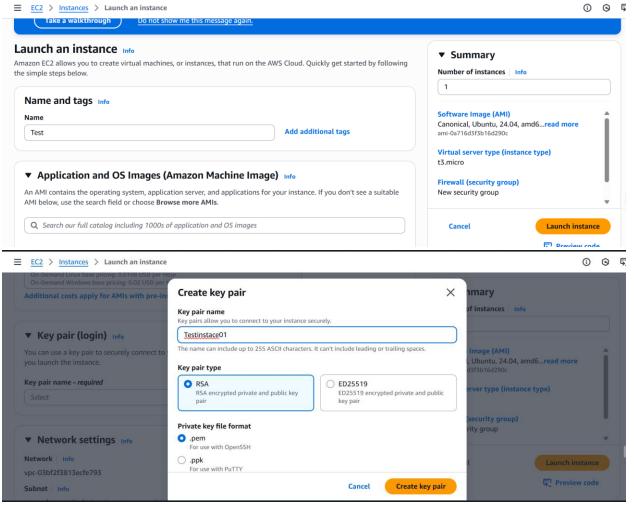


4. Roles: Temporary identities with permissions, usually for applications or services.





Create EC2 Instance



Click on connect

