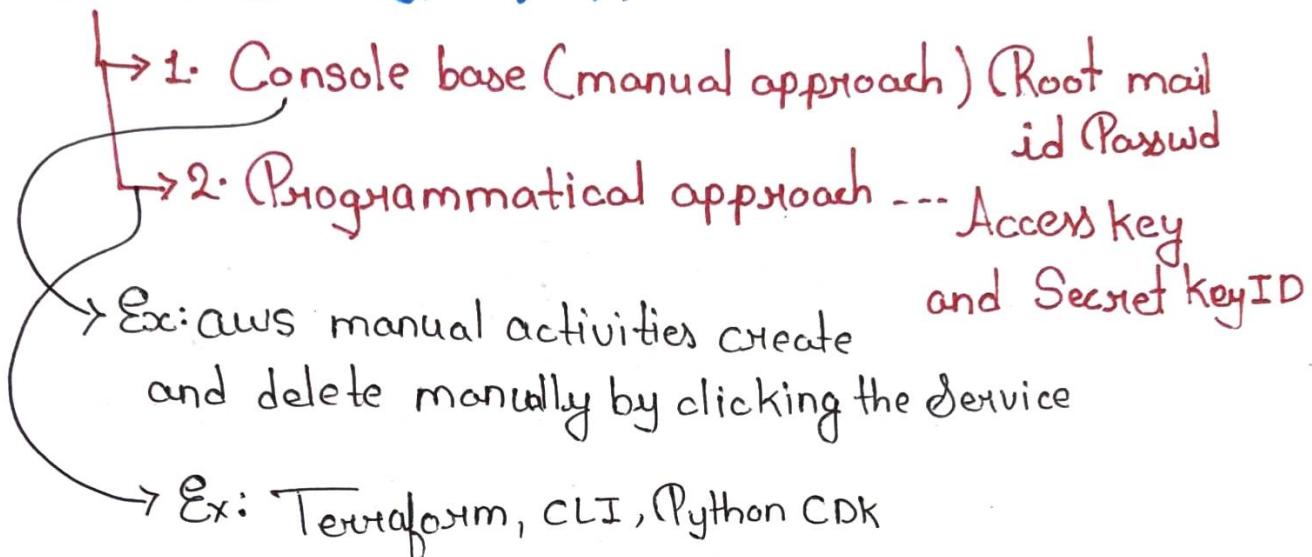
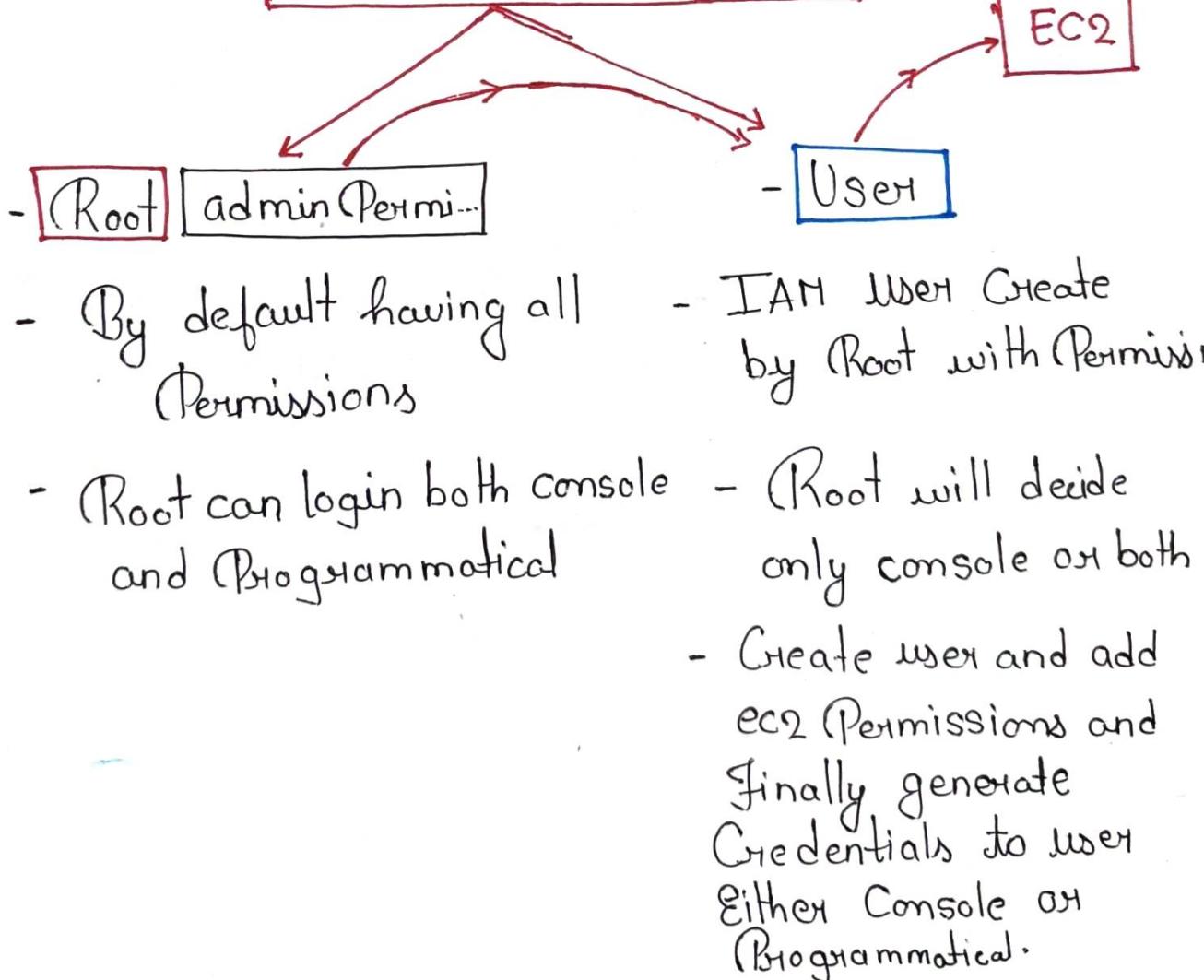


IAM is the Security Service in aws

- IAM is two type of approaches



### In IAM two types of users



- In Programmatical approach

1. key (access key and Secret key)

- AWS CLI
- AWS configure
- accesskey
- Secret key id
- region : ap-south-1
- output:json

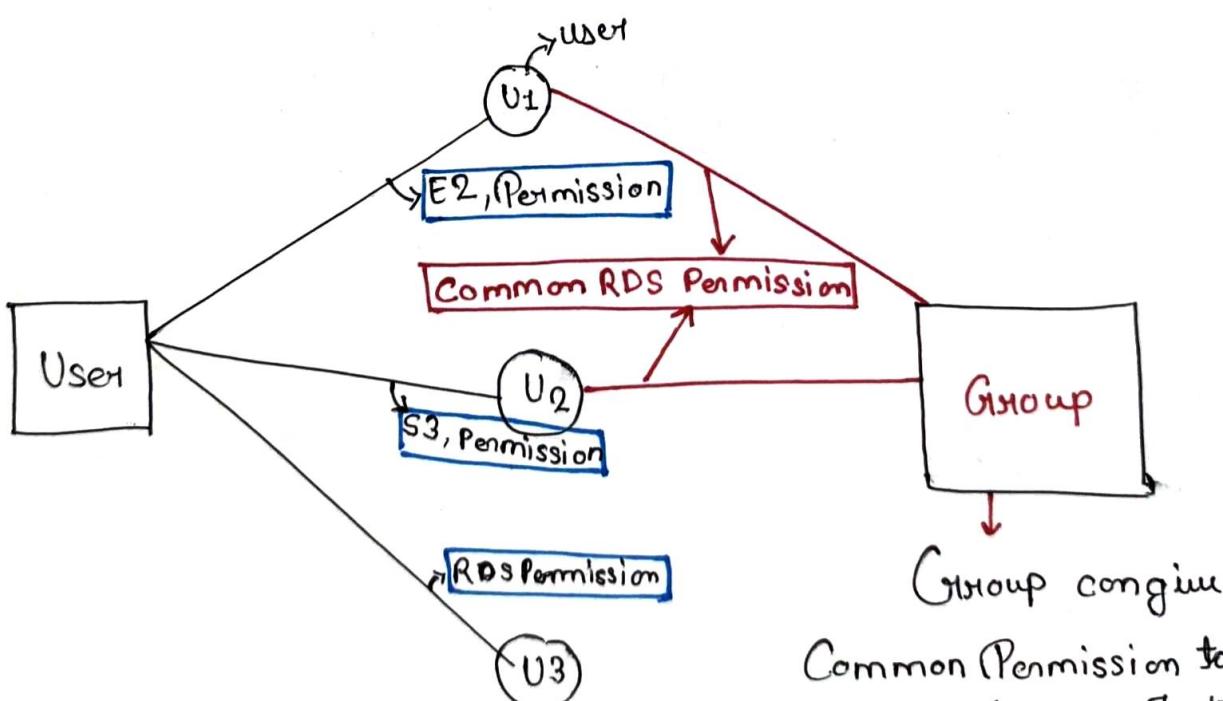
**Note:** - After configure AWS .AWS folder is going to create in your local laptop user here it will store keys details and region details

- AWS CLI

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### IAM "Group"

Contains number of users



Common Permission to User 1 and User 2, Individual he cannot share own permission E2, S3, only share RDS Permission.

## AWS managed Policies

- Standalone policy created and administered by AWS

## Customer managed Policies

- Policy you create for Specific use case, and you can change or update them as often as you like.

## Inline Policies

- Policy created for a single IAM (Identity user group, or role) that maintains a strict one-to-one relationship between a policy and an identity.

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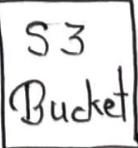
## IAM Roles

User/Programmatical access



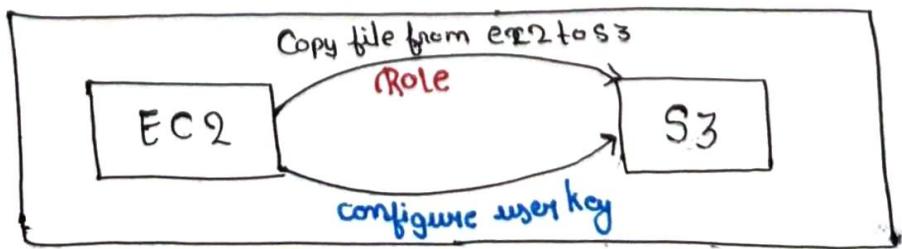
Email or Passwd

aws s3



S3 Permission required from root

AWS



- IAM Role: - An IAM Role is a **temporary permission** card that **AWS Services or users** can wear to get Permissions.
  - A role has Permissions
  - A role does **not have a username** and **Password**
  - Anyone (Service or user) who "assumes" that role gets its **permissions temporarily** //