IAM

IAM –Identity And access Management

In identity management provide user name and passwords and it is called authentication

In access management provide the access the services to the user

Aws identity and access management (IAM) is a service that helps you securely control access to aws resources.with in IAM you can create and manage aws users and groups and use permissions to allow and deny their access to aws resources

Features of IAM

1.users: Represents a person or service that interact with aws resources.Each IAM user user can be given unique credentials

2.Groups:

A collection of users share the same permissions by adding user to group you can assign permissions to all users in that group once

3.Roles:

IAM roles are used to delegate access to users or services,roles are connected to serviceslike EC2

Goto IAM

Open

createuser

Create name

Give permission to aws console

Create IAM user

Auto generated password

User create new password

Next ,create user

You get console sign in details

URL ,name,password we copy it somewhere it comes only once

Permission polices –select which services you want

After creation of user go for create access key

Select command line interface(CLI)

Next,desription –xxxxxx,create access key

Create instance,connect the instance after change in to root ip using sudo su -

Awsconfigure

Copy access id

Copy access key

Region name

Output format json

