IAM – Identity Access Management

* IAM consists of following:
* Users
* Groups
* Roles
* Policies-Policy Docs – In JSON

Eg :

{

“Version”:”2018-04-28”,

”Statement”:

[

{

“Effect” : “Allow”,  
 “Action” : “\*”,

“Resources” : “\*”

}

]

}

* IAM is universal (gloval- not region based)
* The root account is the aws account.It has complete access.
* New Users have no permissions when first created
* New users are assigned Access Key ID & Secret Access Keys when first created
* These are not same as a password, since they cannot be used for login.However these can be used to interact with AWS via APIs and CLI.
* You only get to view them once- when you create a user.So download the csv file when a user is just created. If you lose it then you will have to regenerate accesss id and key from the root account.
* Always Setup MFA on root account
* IAM allows you to create your own password rotation policy.