

## Assignment 4 – IAM

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### 1. What is the need of IAM

The need of IAM is grant users access to AWS console and provide them with least possible privileges. It is important to grant less privileges so that user should not spin unwanted resources as it will incur cost.

### 2. If I am a non tech person, how will you define policies in IAM.

IAM is like list of users that need access to aws account for various reasons. You can create groups as per your requirement. You provide permissions to group or user according to their need following the least privilege principle. Group can be various teams and Root account is a boss account where anything can be done.

### 3. Please define a scenario in which you would like to create your own IAM policy.

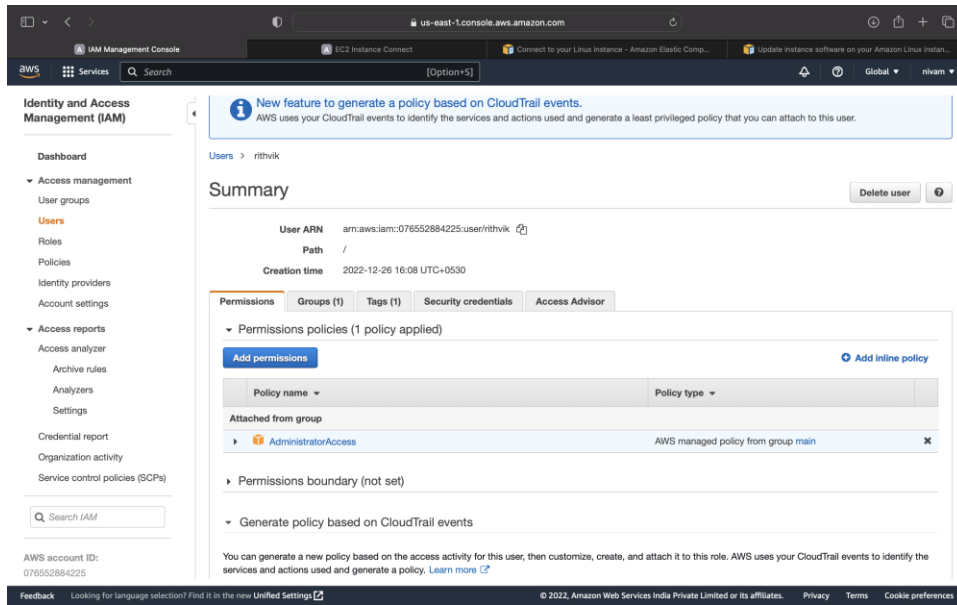
User is added to a group which has access to S3 buckets for only read purpose but the developer in their team needs a write access as well in this scenario we need to create an allow permission to write into an S3 bucket.

### 4. Why do we prefer not using root account?

Root account has all the rights. It can create or remove any resources at any given point of time. Also, we should make sure that the root account is always secure with MFA so that some unauthorized person is not getting hold of this account.

### 5. How to revoke policy for an IAM user?

- Search IAM in the search tab and go to users
- Then you can simply revoke the policy by hitting on cross symbol.



## 6. Can a single IAM user be a part of multiple policy via group and root? How?

Yes, a single user can be added in multiple groups at the same time. User will have all the permissions that the different groups have granted him.