**Assignment Interview question**

Note :-

Please prepare the answer of these questions in brief :- (in your own words)

1. What is the need of IAM?

- IAM(Identity Access Management) is essential to create various users and grant specific access permissions to them based on their roles.

- With IAM, we can have multiple users controlled and billed under single AWS account instead of multiple accounts and billings.

- IAM allows users to do just what they are supposed to do.

1. If i am a non tech person, how will you define policies in IAM.

- A policy is a thing in AWS which when assigned to any particular user or group defines their permissions.

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

- I would like to let user to have his own policies still active even though he is assigned to some group with a certain permissions.

1. Why do we prefer not using root account?

- A root user can manage everything in AWS console which an IAM user cannot do. So, incase of any mistakes made by one of the IAM users, the root user can get himself into action and undo those particular changes. But if we do the same mistakes from a root account then we cannot undo them. That is why it is always better to perform any AWS actions through IAM user account than the root.

1. How to revoke policy for an IAM user?

- We can go to the IAM user and check his permissions and click the ‘X’ mark beside the policy in order to revoke that particular permission for the user.

1. Can a single IAM user be a part of multiple policy via group and root? how?

- The purpose of group in IAM is to contain multiple policies in one place so that one can assign all policies to an IAM user at once instead of one policy at a time. For this we need to create a group and add some permissions to it, then add particular IAM user to that group.