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Assignment Interview question (Assigment 4)

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

1.What is the need IAM ?

Ans . IAM (Identity Access and Management) is quite useful because we create users , groups and assign them some limited policies and permission. Without IAM we have to run instances or do any work from our root account and thats not good practice because root user is GOD user if we mess something in it then it will cause very much damage to us . So , IAM provide us the power to create users with root user account . You don't have to create another aws account .

Suppose we ran a company and   we use aws for work . So, we hire some employes so I assign them as IAM user with some policies so they can do there work . Even though they did something wrong I can correct that beacuse I am the root user.Same we can create different groups also and assign some policies to them.

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

Ans. IAM policies are like rules with some permissions.If you make IAM user or Group then you   may   give some previliges to them thats   called policies.Policies decides what resources you can use or what can not.

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

Ans. So I take one simple or common scenerio where my friend wants to use aws for their work for around 4 or 5 months and he doesn't have aws account because he doesn't have master or visa card. So as a good friend I make him as IAM user and just for him I created policy where I add the condition of a time limit of 4 months after that even though policy is still atthed to the IAM user account he cannot use those resources.

4.Why do we prefer not using root account?

Ans.The AWS root account is the account that was used ,or created ,when signing up with Amazon Web Services. This account has full access to all resources in the account and it is not possible to alter this configuration. Risks of using the AWS root account

Using the AWS root account means that there is potential for its compromise.

5. How to revoke policy for an IAM user?

Ans.   1.Sign in to the AWS Management Console and open the IAM console at https://console.aws.amazon.com/iam/.

2.In the navigation pane, choose Roles, and then choose the name (not the check box) of the role whose permissions you want to revoke.

3.On the Summary page for the selected role, choose the Revoke sessions tab.

4.On the Revoke sessions tab, choose Revoke active sessions.

5.AWS asks you to confirm the action. Select the I acknowledge that I am revoking all active sessions for this role. check box and choose Revoke   active sessions on the dialog box.

6.Can a single IAM user be a part of multiple policy via group

and root? how?

Ans.A user can belong to multiple groups. When a user is added to a group, the user inherits the group permissions but also retains their individual permissions that have been assigned by policies directly attached to their IAM user account.