

1. An access key ID and secret access key is associated with which IAM entity?

Ans: An access key ID and secret access key is associated with User to use programmatic access.

2. What is the main credential for an AWS root account?

Ans: The email id used while creating the AWS account.

3. What does ARN stand for what's the use of it?

Ans: ARN stands for Amazon Resource Name . Each account has a friendly name which uniquely identifies the user across the user across AWS

4. Which principle should be used when assigning permissions to users or groups?

Ans: Least privilege.

5. Which IAM entity can be used to delegate permissions?

Ans: Role is used to delegate permissions where as Groups are used to assign permissions .

6. How can you add an extra level of security to your root account?

Ans: By enabling MFA.

7. Which of the following is not an IAM security best practice?

- A) Use groups to assign permissions to IAM users
- B) Configure Strong password policy for users
- C) Grant most privilege
- D) Rotate credentials regularly

Ans: C

8. By default, users are created with what permissions?

Ans: No Permission.

9. Which of the followings are the ways to work with aws IAM ?

- *AWS Management Console.*
- *AWS Command Line Tools.*
- *AWS SDKs.*
- *IAM HTTPS API.*
- *All of the above*

Ans: All of the above

10. What is root account and why it is not suggested to login with the root everytime?

11. What is Groups ?

12. What is least privilege principle ?

13. How Roles are created ?

Ans: Roles are created and then "assumed" by trusted entities and define a set of permissions for. With IAM Roles you can delegate permissions to resources for users and services without using permanent credentials (e.g. user name and password).

14. What is Policies?

Ans: Policies are documents that define permissions and can be applied to users, groups, and roles.

15. In which format policy documents are written ?

Ans : JSON

16. What is IAM Policy simulator?

Ans: IAM policy simulator is a tool that helps you to understand, test and validate the effect of access control policies.

17. Name some IAM best practices.