Professional Cloud Developer

v2309

Quiz questions*

Identity and Access Management (IAM)

* These are for practice only and are not actual exam questions

Question: Which principle is foundational to Google Cloud IAM and ensures that users have the minimum necessary access to perform their tasks?

A. Principle of Maximum Access
B. Principle of Least Privilege
C. Principle of Full Control
D. Principle of Open Access

Question: Which of the following is NOT a type of role in Google Cloud IAM?

A. Basic roles
B. Predefined roles
C. Custom roles
D. Temporary roles

Question: What is the primary purpose of Google Cloud's Identity Platform?

A. Resource Management
B. End-user account management and authentication
C. Service-to-service communication
D. Application secrets storage

Question: What is the primary purpose of a service account in Google Cloud?

A. To provide a way for users to log into the Google Cloud Console.
B.   To serve as an identity for applications or services to interact with Google Cloud resources.
C. To provide a way for Google Cloud to monitor user activity.
D.   To serve as a backup for user accounts.

Question: Which of the following roles in IAM provides the broadest set of permissions?

A. Viewer
B. Editor
C. Owner
D. User

Question: In Google Cloud IAM, what do you use to create a role with one or more permissions?

A. Basic roles
B. Predefined roles
C. Custom roles

D. Service accounts

Question: Which of the following is NOT a basic role in Google Cloud IAM?

A. Viewer
B. Editor
C. Developer
D. Owner

Question: What is the primary purpose of Google Cloud's IAM predefined roles?

A. Provide granular access for a specific service
B. Provide full access to all GCP resources
C. Provide temporary access to resources
D. Provide access only to billing information

Question: Which of the following is NOT a recommended best practice for managing IAM in Google Cloud?

A. Granting roles at the broadest level in the resource hierarchy
B. Regularly auditing and reviewing IAM roles and permissions
C. Using the principle of least privilege
D. Avoiding the use of primitive roles for granular access control

Question: In Google Cloud IAM, which feature allows you to define and enforce who (identity) can do what (role) to which resource?

A. Service Accounts
B. Policies
C. Permissions

D. Tokens

Answers

Identity and Access Management (IAM)

Question: Which principle is foundational to Google Cloud IAM and ensures that users have the minimum necessary access to perform their tasks?

A. Principle of Maximum Access
B. Principle of Least Privilege
C. Principle of Full Control
D. Principle of Open Access

Correct Answer: B. Principle of Least Privilege
Reference: Using IAM Securely

Question: Which of the following is NOT a type of role in Google Cloud IAM?

A. Basic roles
B. Predefined roles
C. Custom roles
D. Temporary roles

Correct Answer: D. Temporary roles
Reference: IAM overview

Question: What is the primary purpose of Google Cloud's Identity Platform?

A. Resource Management
B. End-user account management and authentication
C. Service-to-service communication

D. Application secrets storage

Correct Answer: B. End-user account management and authentication
Reference: Identity Platform

Question: What is the primary purpose of a service account in Google Cloud?

A. To provide a way for users to log into the Google Cloud Console.
B. To serve as an identity for applications or services to interact with Google Cloud resources.
C. To provide a way for Google Cloud to monitor user activity.
D. To serve as a backup for user accounts.

Correct Answer: B. To serve as an identity for applications or services to interact with Google Cloud resources.
Reference: Best practices for using service accounts, Service accounts overview

Question: Which of the following roles in IAM provides the broadest set of permissions?

A. Viewer
B. Editor
C. Owner
D. User

Correct Answer: C. Owner
Reference: IAM overview

Question: In Google Cloud IAM, what do you use to create a role with one or more permissions?

A. Basic roles

B. Predefined roles

C. Custom roles

D. Service accounts

Correct Answer: C. Custom roles

Reference:

Question: Which of the following is NOT a basic role in Google Cloud IAM?

A. Viewer

B. Editor

C. Developer

D. Owner

Correct Answer: C. Developer

Reference:

Question: What is the primary purpose of Google Cloud's IAM predefined roles?

A. Provide granular access for a specific service

B. Provide full access to all GCP resources

C. Provide temporary access to resources

D. Provide access only to billing information

Correct Answer: A. Provide granular access for a specific service

Reference:

Question: Which of the following is NOT a recommended best practice for managing IAM in Google Cloud?

A. Granting roles at the broadest level in the resource hierarchy

B. Regularly auditing and reviewing IAM roles and permissions

C. Using the principle of least privilege

D. Avoiding the use of primitive roles for granular access control

Correct Answer: A. Granting roles at the broadest level in the resource hierarchy

Reference: IAM best practice guides

Question: In Google Cloud IAM, which feature allows you to define and enforce who (identity) can do what (role) to which resource?

A. Service Accounts

B. Policies

C. Permissions

D. Tokens

Correct Answer: B. Policies

Reference: IAM overview