

Google PR000187

GOOGLE CLOUD ENGINEER (PR000187)

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Latest Version: 6.0

Question: 1

Your company stores customer PII data in Cloud Storage buckets. A subset of this data is regularly imported into a BigQuery dataset to carry out analytics. You want to make sure the access to this bucket is strictly controlled. Your analytics team needs read access on the bucket so that they can import data in BigQuery. Your operations team needs read/write access to both the bucket and BigQuery dataset to add Customer PII data of new customers on an ongoing basis. Your Data Vigilance officers need Administrator access to the Storage bucket and BigQuery dataset. You want to follow Google recommended practices. What should you do? Choose the correct answer.

- A. Create 3 custom IAM roles with appropriate permissions for the access levels needed for Cloud Storage and BigQuery. Add your users to the appropriate roles.
- B. At the Organization level, add your Data Vigilance officers user accounts to the Owner role, add your operations team user accounts to the Editor role, and add your analytics team user accounts to the Viewer role.
- C. At the Project level, add your Data Vigilance officers user accounts to the Owner role, add your operations team user accounts to the Editor role, and add your analytics team user accounts to the Viewer role.
- D. Use the appropriate predefined IAM roles for each of the access levels needed for Cloud Storage and BigQuery. Add your users to those roles for each of the services.

Answer: D

Question: 2

Your company's new mobile game has gone live, and you have transitioned the backend application to the operations team. The mobile game uses Cloud Spanner to persist game state, leaderboard and player profile. Your operations team require access to view and edit table data to support runtime issues. What should you do? Choose the correct answer.

- A. Run
- B. Run
- C. Run
- D. Run

Answer: B

Question: 3

Your company, which runs highly rated mobile games, has chosen to migrate its analytics backend to BigQuery. The analytics team of 7 analysts need access to perform queries against the data in BigQuery. How should you grant them access? Choose the correct answer.

- A. Create a dedicated Google group in Cloud Identity. 2. Add each analyst's user account to the group. 3. Assign the BigQuery jobUser role to the group.
- B. Create a dedicated Google group in Cloud Identity. 2. Add each analyst's user account to the group. 3. Assign the BigQuery dataViewer user role to the group.
- C. Create an IAM entry for each analyst's user account. 2. Assign the BigQuery dataViewer user role to the group.
- D. Create an IAM entry for each analyst's user account. 2. Assign the BigQuery jobUser role to the group.

Answer: B

Question: 4

You have two workloads on GKE (Google Kubernetes Engine) - create-order and dispatch-order. create-order handles the creation of customer orders, and dispatch-order handles dispatching orders to your shipping partner. Both create-order and dispatch-order workloads have cluster autoscaling enabled. The create-order deployment needs to access (i.e. invoke web service of) dispatch-order deployment. dispatch-order deployment cannot be exposed publicly. How should you define the services? Choose the correct answer.

- A. Create a Service of type LoadBalancer for dispatch-order. Have create-order use the Service IP address.
- B. Create a Service of type ClusterIP for dispatch-order. Have create-order use the Service IP address.
- C. Create a Service of type LoadBalancer for dispatch-order and an Ingress Resource for that Service. Have create-order use the Ingress IP address.
- D. Create a Service of type NodePort for dispatch-order and an Ingress Resource for that Service. Have create-order use the Ingress IP address.

Answer: B

Question: 5

You want to find a list of regions and the prebuilt images offered by Google Compute Engine. Which commands should you execute to retrieve this information? Choose the correct answer.

- A. gcloud regions list. gcloud images list
- B. gcloud regions list. gcloud compute images list
- C. gcloud compute regions list. gcloud compute images list
- D. gcloud compute regions list. gcloud images list

Answer: C

Question: 6

Your company has deployed several production applications across many Google Cloud Projects. Your operations team requires a consolidated monitoring dashboard for all the projects. What should you do? Choose the correct answer.

- A. Configure a single Stackdriver account for one of the projects. In Stackdriver, create a Group and add the other project names as criteria for that Group.
- B. For each project, create a Stackdriver account. In each project, create a service account for that project and grant it the role of Stackdriver Account Editor in all other projects.
- C. Configure a single Stackdriver account, and link all projects to the same account.
- D. Use Shared VPC to connect all projects, and link Stackdriver to one of the projects.

Answer: C

Question: 7

An intern joined your team recently and needs access to Google Compute Engine in your sandbox project to explore various settings and spin up compute instances to test features. You have been asked to facilitate this. How should you give your intern access to compute engine without giving more permissions than is necessary? Choose the correct answer.

- A. Grant Compute Engine Instance Admin Role for the sandbox project.
- B. Grant Compute Engine Admin Role for sandbox project.
- C. Grant Project Editor IAM role for sandbox project.
- D. Create a shared VPC to enable the intern access Compute resources.

Answer: A

Question: 8

Your company migrated its data warehousing solution from its on-premises data centre to Google Cloud 3 years ago. Since then, several teams have worked on different data warehousing and analytics needs, and have created numerous BigQuery datasets. The proliferation in BigQuery datasets has resulted in increased storage costs, and your cost optimization manager has asked for your assistance in identifying all datasets that contain `us_social_security_number` column to enable merging/deleting duplicate data. How can you most efficiently identify datasets that contain `us_social_security_number` column? Choose the correct answer.

- A. Go to Data Catalog and search for `us_social_security_number` in the search box.

- B. Write a Cloud Dataflow job that loops through all the projects in your organization and runs a query on
- C. Write a shell script that uses the bq command line tool to loop through all the projects in your organization.
- D. Write a script that loops through all the projects in your organization and runs a query on

Answer: A

Question: 9

Your company is migrating its on-premises data centre to Google Cloud Platform in several phases. The current phase requires the migration of the LDAP server onto a Compute Engine instance. However, several legacy applications in your on-premises data centre and few third-party applications still depend on the LDAP server for user authentication. How can you ensure the LDAP server is publicly reachable via TLS on UDP port 636? Choose the correct answer.

- A. Add the network tag allow-udp-636 to the VM instance running the LDAP server.
- B. Create a route called allow-udp-636 and set the next hop to be the VM instance running the LDAP server.
- C. Add a network tag of your choice to the instance. Create a firewall rule to allow ingress on UDP port 636 for that network tag.
- D. Add a network tag of your choice to the instance running the LDAP server. Create a firewall rule to allow egress on UDP port 636 for that network tag.

Answer: C

Question: 10

A finance analyst at your company is suspended pending an investigation into alleged financial misconduct. However, their Gsuite account was not disabled immediately. Your compliance team has asked you to find out if the suspended employee has accessed any audit logs or BigQuery datasets after their suspension. What should you do? Choose the correct answer.

- A. View the Admin Activity log in Stackdriver. Search for the service account associated with the user.
- B. View System Event Logs in Stackdriver. Search for the user's email as the principal.
- C. View System Event Logs in Stackdriver. Search for the service account associated with the user.
- D. View Data Access audit logs in Stackdriver. Search for the user's email as the principal.

Answer: D

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