

Associate-Cloud-Engineer Dumps

Google Cloud Certified - Associate Cloud Engineer

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NEW QUESTION 1

Your organization uses G Suite for communication and collaboration. All users in your organization have a G Suite account. You want to grant some G Suite users access to your Cloud Platform project. What should you do?

- A. Enable Cloud Identity in the GCP Console for your domain.
- B. Grant them the required IAM roles using their G Suite email address.
- C. Create a CSV sheet with all users' email addresses
- D. Use the gcloud command line tool to convert them into Google Cloud Platform accounts.
- E. In the G Suite console, add the users to a special group called cloud-console-users@yourdomain.com. Rely on the default behavior of the Cloud Platform to grant users access if they are members of this group.

Answer: B

NEW QUESTION 2

You need to grant access for three users so that they can view and edit table data on a Cloud Spanner instance. What should you do?

- A. Run `gcloud iam roles describe roles/spanner.databaseUser`
- B. Add the users to the role.
- C. Run `gcloud iam roles describe roles/spanner.databaseUser`
- D. Add the users to a new group
- E. Add the group to the role.
- F. Run `gcloud iam roles describe roles/spanner.viewer --project my-project`
- G. Add the users to the role.
- H. Run `gcloud iam roles describe roles/spanner.viewer --project my-project`
- I. Add the users to a new group. Add the group to the role.

Answer: A

NEW QUESTION 3

You have just created a new project which will be used to deploy a globally distributed application. You will use Cloud Spanner for data storage. You want to create a Cloud Spanner instance. You want to perform the first step in preparation of creating the instance. What should you do?

- A. Grant yourself the IAM role of Cloud Spanner Admin
- B. Create a new VPC network with subnetworks in all desired regions
- C. Configure your Cloud Spanner instance to be multi-regional
- D. Enable the Cloud Spanner API

Answer: C

NEW QUESTION 4

You are running multiple VPC-native Google Kubernetes Engine clusters in the same subnet. The IPs available for the nodes are exhausted, and you want to ensure that the clusters can grow in nodes when needed. What should you do?

- A. Create a new subnet in the same region as the subnet being used.
- B. Add an alias IP range to the subnet used by the GKE clusters.
- C. Create a new VPC, and set up VPC peering with the existing VPC.
- D. Expand the CIDR range of the relevant subnet for the cluster.

Answer: C

Explanation:

To create a VPC peering connection, first create a request to peer with another VPC.

NEW QUESTION 5

You are analyzing Google Cloud Platform service costs from three separate projects. You want to use this information to create service cost estimates by service type, daily and monthly, for the next six months using standard query syntax. What should you do?

- A. Export your bill to a Cloud Storage bucket, and then import into Cloud Bigtable for analysis.
- B. Export your bill to a Cloud Storage bucket, and then import into Google Sheets for analysis.
- C. Export your transactions to a local file, and perform analysis with a desktop tool.
- D. Export your bill to a BigQuery dataset, and then write time window-based SQL queries for analysis.

Answer: D

NEW QUESTION 6

Your company uses Cloud Storage to store application backup files for disaster recovery purposes. You want to follow Google's recommended practices. Which storage option should you use?

- A. Multi-Regional Storage
- B. Regional Storage
- C. Nearline Storage
- D. Coldline Storage

Answer: D

NEW QUESTION 7

You are building a new version of an application hosted in an App Engine environment. You want to test the new version with 1% of users before you completely switch your application over to the new version. What should you do?

- A. Deploy a new version of your application in Google Kubernetes Engine instead of App Engine and then use GCP Console to split traffic.
- B. Deploy a new version of your application in a Compute Engine instance instead of App Engine and then use GCP Console to split traffic.
- C. Deploy a new version as a separate app in App Engine
- D. Then configure App Engine using GCP Console to split traffic between the two apps.
- E. Deploy a new version of your application in App Engine
- F. Then go to App Engine settings in GCP Console and split traffic between the current version and newly deployed versions accordingly.

Answer: A

NEW QUESTION 8

You have a single binary application that you want to run on Google Cloud Platform. You decided to automatically scale the application based on underlying infrastructure CPU usage. Your organizational policies require you to use virtual machines directly. You need to ensure that the application scaling is operationally efficient and completed as quickly as possible. What should you do?

- A. Create a Google Kubernetes Engine cluster, and use horizontal pod autoscaling to scale the application.
- B. Create an instance template, and use the template in a managed instance group with autoscaling configured.
- C. Create an instance template, and use the template in a managed instance group that scales up and down based on the time of day.
- D. Use a set of third-party tools to build automation around scaling the application up and down, based on Stackdriver CPU usage monitoring.

Answer: A

NEW QUESTION 9

You have a development project with appropriate IAM roles defined. You are creating a production project and want to have the same IAM roles on the new project, using the fewest possible steps. What should you do?

- A. Use `gcloud iam roles copy` and specify the production project as the destination project.
- B. Use `gcloud iam roles copy` and specify your organization as the destination organization.
- C. In the Google Cloud Platform Console, use the 'create role from role' functionality.
- D. In the Google Cloud Platform Console, use the 'create role' functionality and select all applicable permissions.

Answer: B

NEW QUESTION 10

Your projects incurred more costs than you expected last month. Your research reveals that a development GKE container emitted a huge number of logs, which resulted in higher costs. You want to disable the logs quickly using the minimum number of steps. What should you do?

- A. 1. Go to the Logs ingestion window in Stackdriver Logging, and disable the log source for the GKE container resource.
- B. 1. Go to the Logs ingestion window in Stackdriver Logging, and disable the log source for the GKE Cluster Operations resource.
- C. 1. Go to the GKE console, and delete existing clusters.2. Recreate a new cluster.3. Clear the option to enable legacy Stackdriver Logging.
- D. 1. Go to the GKE console, and delete existing clusters.2. Recreate a new cluster.3. Clear the option to enable legacy Stackdriver Monitoring.

Answer: A

NEW QUESTION 10

You have deployed an application on a single Compute Engine instance. The application writes logs to disk. Users start reporting errors with the application. You want to diagnose the problem. What should you do?

- A. Navigate to Cloud Logging and view the application logs.
- B. Connect to the instance's serial console and read the application logs.
- C. Configure a Health Check on the instance and set a Low Healthy Threshold value.
- D. Install and configure the Cloud Logging Agent and view the logs from Cloud Logging.

Answer: D

NEW QUESTION 15

Your company has an existing GCP organization with hundreds of projects and a billing account. Your company recently acquired another company that also has hundreds of projects and its own billing account. You would like to consolidate all GCP costs of both GCP organizations onto a single invoice. You would like to consolidate all costs as of tomorrow. What should you do?

- A. Link the acquired company's projects to your company's billing account.
- B. Configure the acquired company's billing account and your company's billing account to export the billing data into the same BigQuery dataset.
- C. Migrate the acquired company's projects into your company's GCP organization
- D. Link the migrated projects to your company's billing account.
- E. Create a new GCP organization and a new billing account
- F. Migrate the acquired company's projects and your company's projects into the new GCP organization and link the projects to the new billing account.

Answer: D

NEW QUESTION 16

You are asked to set up application performance monitoring on Google Cloud projects A, B, and C as a single pane of glass. You want to monitor CPU, memory, and disk. What should you do?

- A. Enable API and then share charts from project A, B, and C.

- B. Enable API and then give the metrics.reader role to projects A, B, and C.
- C. Enable API and then use default dashboards to view all projects in sequence.
- D. Enable API, create a workspace under project A, and then add project B and C.

Answer: D

NEW QUESTION 18

You need to run an important query in BigQuery but expect it to return a lot of records. You want to find out how much it will cost to run the query. You are using on-demand pricing. What should you do?

- A. Arrange to switch to Flat-Rate pricing for this query, then move back to on-demand.
- B. Use the command line to run a dry run query to estimate the number of bytes read.
- C. Then convert that bytes estimate to dollars using the Pricing Calculator.
- D. Use the command line to run a dry run query to estimate the number of bytes returned.
- E. Then convert that bytes estimate to dollars using the Pricing Calculator.
- F. Run a select count (*) to get an idea of how many records your query will look through.
- G. Then convert that number of rows to dollars using the Pricing Calculator.

Answer: B

NEW QUESTION 23

You will have several applications running on different Compute Engine instances in the same project. You want to specify at a more granular level the service account each instance uses when calling Google Cloud APIs. What should you do?

- A. When creating the instances, specify a Service Account for each instance.
- B. When creating the instances, assign the name of each Service Account as instance metadata.
- C. After starting the instances, use `gcloud compute instances update` to specify a Service Account for each instance.
- D. After starting the instances, use `gcloud compute instances update` to assign the name of the relevant Service Account as instance metadata.

Answer: C

NEW QUESTION 25

You recently deployed a new version of an application to App Engine and then discovered a bug in the release. You need to immediately revert to the prior version of the application. What should you do?

- A. Run `gcloud app restore`.
- B. On the App Engine page of the GCP Console, select the application that needs to be reverted and click Revert.
- C. On the App Engine Versions page of the GCP Console, route 100% of the traffic to the previous version.
- D. Deploy the original version as a separate application.
- E. Then go to App Engine settings and split traffic between applications so that the original version serves 100% of the requests.

Answer: D

NEW QUESTION 26

Your company uses BigQuery for data warehousing. Over time, many different business units in your company have created 1000+ datasets across hundreds of projects. Your CIO wants you to examine all datasets to find tables that contain an `employee_ssn` column. You want to minimize effort in performing this task. What should you do?

- A. Go to Data Catalog and search for `employee_ssn` in the search box.
- B. Write a shell script that uses the `bq` command line tool to loop through all the projects in your organization.
- C. Write a script that loops through all the projects in your organization and runs a query on `INFORMATION_SCHEMA.COLUMNS` view to find the `employee_ssn` column.
- D. Write a Cloud Dataflow job that loops through all the projects in your organization and runs a query on `INFORMATION_SCHEMA.COLUMNS` view to find `employee_ssn` column.

Answer: D

NEW QUESTION 31

You are setting up a Windows VM on Compute Engine and want to make sure you can log in to the VM via RDP. What should you do?

- A. After the VM has been created, use your Google Account credentials to log in into the VM.
- B. After the VM has been created, use `gcloud compute reset-windows-password` to retrieve the login credentials for the VM.
- C. When creating the VM, add metadata to the instance using 'windows-password' as the key and a password as the value.
- D. After the VM has been created, download the JSON private key for the default Compute Engine service account.
- E. Use the credentials in the JSON file to log in to the VM.

Answer: D

NEW QUESTION 33

You are deploying an application to App Engine. You want the number of instances to scale based on request rate. You need at least 3 unoccupied instances at all times. Which scaling type should you use?

- A. Manual Scaling with 3 instances.
- B. Basic Scaling with `min_instances` set to 3.
- C. Basic Scaling with `max_instances` set to 3.
- D. Automatic Scaling with `min_idle_instances` set to 3.

Answer: D

NEW QUESTION 35

Your development team needs a new Jenkins server for their project. You need to deploy the server using the fewest steps possible. What should you do?

- A. Download and deploy the Jenkins Java WAR to App Engine Standard.
- B. Create a new Compute Engine instance and install Jenkins through the command line interface.
- C. Create a Kubernetes cluster on Compute Engine and create a deployment with the Jenkins Docker image.
- D. Use GCP Marketplace to launch the Jenkins solution.

Answer: D

NEW QUESTION 39

You have a Linux VM that must connect to Cloud SQL. You created a service account with the appropriate access rights. You want to make sure that the VM uses this service account instead of the default Compute Engine service account. What should you do?

- A. When creating the VM via the web console, specify the service account under the 'Identity and API Access' section.
- B. Download a JSON Private Key for the service account
- C. On the Project Metadata, add that JSON as the value for the key compute-engine-service-account.
- D. Download a JSON Private Key for the service account
- E. On the Custom Metadata of the VM, add that JSON as the value for the key compute-engine-service-account.
- F. Download a JSON Private Key for the service account
- G. After creating the VM, ssh into the VM and save the JSON under `~/gcloud/compute-engine-service-account.json`.

Answer: A

NEW QUESTION 42

You have an object in a Cloud Storage bucket that you want to share with an external company. The object contains sensitive data. You want access to the content to be removed after four hours. The external company does not have a Google account to which you can grant specific user-based access privileges. You want to use the most secure method that requires the fewest steps. What should you do?

- A. Create a signed URL with a four-hour expiration and share the URL with the company.
- B. Set object access to 'public' and use object lifecycle management to remove the object after four hours.
- C. Configure the storage bucket as a static website and furnish the object's URL to the company.
- D. Delete the object from the storage bucket after four hours.
- E. Create a new Cloud Storage bucket specifically for the external company to access.
- F. Copy the object to that bucket.
- G. Delete the bucket after four hours have passed.

Answer: A

NEW QUESTION 43

You need to verify that a Google Cloud Platform service account was created at a particular time. What should you do?

- A. Filter the Activity log to view the Configuration category
- B. Filter the Resource type to Service Account.
- C. Filter the Activity log to view the Configuration category
- D. Filter the Resource type to Google Project.
- E. Filter the Activity log to view the Data Access category
- F. Filter the Resource type to Service Account.
- G. Filter the Activity log to view the Data Access category
- H. Filter the Resource type to Google Project.

Answer: D

NEW QUESTION 46

Your company runs its Linux workloads on Compute Engine instances. Your company will be working with a new operations partner that does not use Google Accounts. You need to grant access to the instances to your operations partner so they can maintain the installed tooling. What should you do?

- A. Enable Cloud IAP for the Compute Engine instances, and add the operations partner as a Cloud IAP Tunnel User.
- B. Tag all the instances with the same network tag.
- C. Create a firewall rule in the VPC to grant TCP access on port 22 for traffic from the operations partner to instances with the network tag.
- D. Set up Cloud VPN between your Google Cloud VPC and the internal network of the operations partner.
- E. Ask the operations partner to generate SSH key pairs, and add the public keys to the VM instances.

Answer: B

NEW QUESTION 49

You need to assign a Cloud Identity and Access Management (Cloud IAM) role to an external auditor. The auditor needs to have permissions to review your Google Cloud Platform (GCP) Audit Logs and also to review your Data Access logs. What should you do?

- A. Assign the auditor the IAM role `roles/logging.privateLogViewer`
- B. Perform the export of logs to Cloud Storage.
- C. Assign the auditor the IAM role `roles/logging.privateLogViewer`
- D. Direct the auditor to also review the logs for changes to Cloud IAM policy.
- E. Assign the auditor's IAM user to a custom role that has `logging.privateLogEntries.list` permission.
- F. Perform the export of logs to Cloud Storage.

- G. Assign the auditor's IAM user to a custom role that has logging.privateLogEntries.list permission
- H. Direct the auditor to also review the logs for changes to Cloud IAM policy.

Answer: C

NEW QUESTION 51

You want to configure autohealing for network load balancing for a group of Compute Engine instances that run in multiple zones, using the fewest possible steps. You need to configure re-creation of VMs if they are unresponsive after 3 attempts of 10 seconds each. What should you do?

- A. Create an HTTP load balancer with a backend configuration that references an existing instance group. Set the health check to healthy (HTTP).
- B. Create an HTTP load balancer with a backend configuration that references an existing instance group. Define a balancing mode and set the maximum RPS to 10.
- C. Create a managed instance group.
- D. Set the Autohealing health check to healthy (HTTP).
- E. Create a managed instance group.
- F. Verify that the autoscaling setting is on.

Answer: A

NEW QUESTION 53

You need to host an application on a Compute Engine instance in a project shared with other teams. You want to prevent the other teams from accidentally causing downtime on that application. Which feature should you use?

- A. Use a Shielded VM.
- B. Use a Preemptible VM.
- C. Use a sole-tenant node.
- D. Enable deletion protection on the instance.

Answer: D

NEW QUESTION 55

You have a workload running on Compute Engine that is critical to your business. You want to ensure that the data on the boot disk of this workload is backed up regularly. You need to be able to restore a backup as quickly as possible in case of disaster. You also want older backups to be cleaned automatically to save on cost. You want to follow Google-recommended practices. What should you do?

- A. Create a Cloud Function to create an instance template.
- B. Create a snapshot schedule for the disk using the desired interval.
- C. Create a cron job to create a new disk from the disk using gcloud.
- D. Create a Cloud Task to create an image and export it to Cloud Storage.

Answer: B

NEW QUESTION 57

You created a Google Cloud Platform project with an App Engine application inside the project. You initially configured the application to be served from the us-central region. Now you want the application to be served from the asia-northeast1 region. What should you do?

- A. Change the default region property setting in the existing GCP project to asia-northeast1.
- B. Change the region property setting in the existing App Engine application from us-central to asia-northeast1.
- C. Create a second App Engine application in the existing GCP project and specify asia-northeast1 as the region to serve your application.
- D. Create a new GCP project and create an App Engine application inside this new project.
- E. Specify asia-northeast1 as the region to serve your application.

Answer: C

NEW QUESTION 61

You manage three Google Cloud projects with the Cloud Monitoring API enabled. You want to follow Google-recommended practices to visualize CPU and network metrics for all three projects together. What should you do?

- A. * 1. Create a Cloud Monitoring Dashboard* 2. Collect metrics and publish them into the Pub/Sub topics 3. Add CPU and network Charts (or each of the three projects)
- B. * 1. Create a Cloud Monitoring Dashboard.* 2. Select the CPU and Network metrics from the three projects.* 3. Add CPU and network Charts to each of the three projects.
- C. * 1 Create a Service Account and apply roles/viewer on the three projects* 2. Collect metrics and publish them to the Cloud Monitoring API* 3. Add CPU and network Charts for each of the three projects.
- D. * 1. Create a fourth Google Cloud project* 2 Create a Cloud Workspace from the fourth project and add the other three projects

Answer: B

NEW QUESTION 63

Your company's infrastructure is on-premises, but all machines are running at maximum capacity. You want to burst to Google Cloud. The workloads on Google Cloud must be able to directly communicate to the workloads on-premises using a private IP range. What should you do?

- A. In Google Cloud, configure the VPC as a host for Shared VPC.
- B. In Google Cloud, configure the VPC for VPC Network Peering.
- C. Create bastion hosts both in your on-premises environment and on Google Cloud.
- D. Configure both as proxy servers using their public IP addresses.
- E. Set up Cloud VPN between the infrastructure on-premises and Google Cloud.

Answer: B

NEW QUESTION 64

You received a JSON file that contained a private key of a Service Account in order to get access to several resources in a Google Cloud project. You downloaded and installed the Cloud SDK and want to use this private key for authentication and authorization when performing gcloud commands. What should you do?

- A. Use the command `gcloud auth login` and point it to the private key
- B. Use the command `gcloud auth activate-service-account` and point it to the private key
- C. Place the private key file in the installation directory of the Cloud SDK and rename it to "credentials ison"
- D. Place the private key file in your home directory and rename it to "GOOGLE_APPUCATION_CREDENTIALS".

Answer: A

NEW QUESTION 67

You want to deploy an application on Cloud Run that processes messages from a Cloud Pub/Sub topic. You want to follow Google-recommended practices. What should you do?

- A. 1. Create a Cloud Function that uses a Cloud Pub/Sub trigger on that topic.2. Call your application on Cloud Run from the Cloud Function for every message.
- B. 1. Grant the Pub/Sub Subscriber role to the service account used by Cloud Run.2. Create a Cloud Pub/Sub subscription for that topic.3. Make your application pull messages from that subscription.
- C. 1. Create a service account.2. Give the Cloud Run Invoker role to that service account for your Cloud Run application.3. Create a Cloud Pub/Sub subscription that uses that service account and uses your Cloud Run application as the push endpoint.
- D. 1. Deploy your application on Cloud Run on GKE with the connectivity set to Internal.2. Create a Cloud Pub/Sub subscription for that topic.3. In the same Google Kubernetes Engine cluster as your application, deploy a container that takes the messages and sends them to your application.

Answer: D

NEW QUESTION 70

You are given a project with a single virtual private cloud (VPC) and a single subnetwork in the us-central1 region. There is a Compute Engine instance hosting an application in this subnetwork. You need to deploy a new instance in the same project in the europe-west1 region. This new instance needs access to the application. You want to follow Google-recommended practices. What should you do?

- A. 1. Create a subnetwork in the same VPC, in europe-west1.2. Create the new instance in the new subnetwork and use the first instance's private address as the endpoint.
- B. 1. Create a VPC and a subnetwork in europe-west1.2. Expose the application with an internal load balancer.3. Create the new instance in the new subnetwork and use the load balancer's address as the endpoint.
- C. 1. Create a subnetwork in the same VPC, in europe-west1.2. Use Cloud VPN to connect the two subnetworks.3. Create the new instance in the new subnetwork and use the first instance's private address as the endpoint.
- D. 1. Create a VPC and a subnetwork in europe-west1.2. Peer the 2 VPCs.3. Create the new instance in the new subnetwork and use the first instance's private address as the endpoint.

Answer: B

NEW QUESTION 75

Your organization is a financial company that needs to store audit log files for 3 years. Your organization has hundreds of Google Cloud projects. You need to implement a cost-effective approach for log file retention. What should you do?

- A. Create an export to the sink that saves logs from Cloud Audit to BigQuery.
- B. Create an export to the sink that saves logs from Cloud Audit to a Coldline Storage bucket.
- C. Write a custom script that uses logging API to copy the logs from Stackdriver logs to BigQuery.
- D. Export these logs to Cloud Pub/Sub and write a Cloud Dataflow pipeline to store logs to Cloud SQL.

Answer: A

NEW QUESTION 76

You have a Google Cloud Platform account with access to both production and development projects. You need to create an automated process to list all compute instances in development and production projects on a daily basis. What should you do?

- A. Create two configurations using `gcloud confi`
- B. Write a script that sets configurations as active, individuall
- C. For each configuration, use `gcloud compute instances list` to get a list of compute resources.
- D. Create two configurations using `gsutil confi`
- E. Write a script that sets configurations as active,individuall
- F. For each configuration, use `gsutil compute instances list` to get a list of compute resources.
- G. Go to Cloud Shell and export this information to Cloud Storage on a daily basis.
- H. Go to GCP Console and export this information to Cloud SQL on a daily basis.

Answer: A

NEW QUESTION 81

You are using multiple configurations for gcloud. You want to review the configured Kubernetes Engine cluster of an inactive configuration using the fewest possible steps. What should you do?

- A. Use `gcloud config configurations describe` to review the output.
- B. Use `gcloud config configurations activate` and `gcloud config list` to review the output.
- C. Use `kubectl config get-contexts` to review the output.
- D. Use `kubectl config use-context` and `kubectl config view` to review the output.

Answer: D

NEW QUESTION 85

Your team maintains the infrastructure for your organization. The current infrastructure requires changes. You need to share your proposed changes with the rest of the team. You want to follow Google's recommended best practices. What should you do?

- A. Use Deployment Manager templates to describe the proposed changes and store them in a Cloud Storage bucket.
- B. Use Deployment Manager templates to describe the proposed changes and store them in Cloud Source Repositories.
- C. Apply the change in a development environment, run `gcloud compute instances list`, and then save the output in a shared Storage bucket.
- D. Apply the change in a development environment, run `gcloud compute instances list`, and then save the output in Cloud Source Repositories.

Answer: B

NEW QUESTION 86

Your company uses a large number of Google Cloud services centralized in a single project. All teams have specific projects for testing and development. The DevOps team needs access to all of the production services in order to perform their job. You want to prevent Google Cloud product changes from broadening their permissions in the future. You want to follow Google-recommended practices. What should you do?

- A. Grant all members of the DevOps team the role of Project Editor on the organization level.
- B. Grant all members of the DevOps team the role of Project Editor on the production project.
- C. Create a custom role that combines the required permission
- D. Grant the DevOps team the custom role on the production project.
- E. Create a custom role that combines the required permission
- F. Grant the DevOps team the custom role on the organization level.

Answer: A

NEW QUESTION 87

You want to configure 10 Compute Engine instances for availability when maintenance occurs. Your requirements state that these instances should attempt to automatically restart if they crash. Also, the instances should be highly available including during system maintenance. What should you do?

- A. Create an instance template for the instance
- B. Set the 'Automatic Restart' to on
- C. Set the 'On-host maintenance' to Migrate VM instance
- D. Add the instance template to an instance group.
- E. Create an instance template for the instance
- F. Set 'Automatic Restart' to off
- G. Set 'On-host maintenance' to Terminate VM instance
- H. Add the instance template to an instance group.
- I. Create an instance group for the instance
- J. Set the 'Autohealing' health check to healthy (HTTP).
- K. Create an instance group for the instance
- L. Verify that the 'Advanced creation options' setting for 'do not retry machine creation' is set to off.

Answer: B

NEW QUESTION 90

You need to create a new billing account and then link it with an existing Google Cloud Platform project. What should you do?

- A. Verify that you are Project Billing Manager for the GCP project
- B. Update the existing project to link it to the existing billing account.
- C. Verify that you are Project Billing Manager for the GCP project
- D. Create a new billing account and link the new billing account to the existing project.
- E. Verify that you are Billing Administrator for the billing account
- F. Create a new project and link the new project to the existing billing account.
- G. Verify that you are Billing Administrator for the billing account
- H. Update the existing project to link it to the existing billing account.

Answer: C

NEW QUESTION 95

Your organization needs to grant users access to query datasets in BigQuery but prevent them from accidentally deleting the datasets. You want a solution that follows Google-recommended practices. What should you do?

- A. Add users to roles/bigquery user role only, instead of roles/bigquery dataOwner.
- B. Add users to roles/bigquery dataEditor role only, instead of roles/bigquery dataOwner.
- C. Create a custom role by removing delete permissions, and add users to that role only.
- D. Create a custom role by removing delete permission
- E. Add users to the group, and then add the group to the custom role.

Answer: B

NEW QUESTION 96

Your company has a Google Cloud Platform project that uses BigQuery for data warehousing. Your data science team changes frequently and has few members. You need to allow members of this team to perform queries. You want to follow Google-recommended practices. What should you do?

- A. 1. Create an IAM entry for each data scientist's user account. 2. Assign the BigQuery jobUser role to the group.

- B. 1. Create an IAM entry for each data scientist's user account.2. Assign the BigQuery dataViewer user role to the group.
C. 1. Create a dedicated Google group in Cloud Identity.2. Add each data scientist's user account to the group.3. Assign the BigQuery jobUser role to the group.
D. 1. Create a dedicated Google group in Cloud Identity.2. Add each data scientist's user account to the group.3. Assign the BigQuery dataViewer user role to the group.

Answer: D

NEW QUESTION 101

You have a project for your App Engine application that serves a development environment. The required testing has succeeded and you want to create a new project to serve as your production environment. What should you do?

- A. Use gcloud to create the new project, and then deploy your application to the new project.
B. Use gcloud to create the new project and to copy the deployed application to the new project.
C. Create a Deployment Manager configuration file that copies the current App Engine deployment into a new project.
D. Deploy your application again using gcloud and specify the project parameter with the new project name to create the new project.

Answer: C

NEW QUESTION 104

You want to select and configure a solution for storing and archiving data on Google Cloud Platform. You need to support compliance objectives for data from one geographic location. This data is archived after 30 days and needs to be accessed annually. What should you do?

- A. Select Multi-Regional Storage
B. Add a bucket lifecycle rule that archives data after 30 days to Coldline Storage.
C. Select Multi-Regional Storage
D. Add a bucket lifecycle rule that archives data after 30 days to Nearline Storage.
E. Select Regional Storage
F. Add a bucket lifecycle rule that archives data after 30 days to Nearline Storage.
G. Select Regional Storage
H. Add a bucket lifecycle rule that archives data after 30 days to Coldline Storage.

Answer: C

NEW QUESTION 105

You have a Compute Engine instance hosting a production application. You want to receive an email if the instance consumes more than 90% of its CPU resources for more than 15 minutes. You want to use Google services. What should you do?

- A. * 1. Create a consumer Gmail account.* 2. Write a script that monitors the CPU usage.* 3. When the CPU usage exceeds the threshold, have that script send an email using the Gmail account and smtp.gmail.com on port 25 as SMTP server.
B. * 1. Create a Stackdriver Workspace, and associate your Google Cloud Platform (GCP) project with it.* 2. Create an Alerting Policy in Stackdriver that uses the threshold as a trigger condition
C. * 3. Configure your email address in the notification channel.
D. * 1. Create a Stackdriver Workspace, and associate your GCP project with it.* 2. Write a script that monitors the CPU usage and sends it as a custom metric to Stackdriver
E. * 3. Create an uptime check for the instance in Stackdriver.
F. * 1. In Stackdriver Logging, create a logs-based metric to extract the CPU usage by using this regular expression: CPU Usage: ([0-9]{1,3})%* 2. In Stackdriver Monitoring, create an Alerting Policy based on this metric
G. * 3. Configure your email address in the notification channel.

Answer: D

NEW QUESTION 107

Your VMs are running in a subnet that has a subnet mask of 255.255.255.240. The current subnet has no more free IP addresses and you require an additional 10 IP addresses for new VMs. The existing and new VMs should all be able to reach each other without additional routes. What should you do?

- A. Use gcloud to expand the IP range of the current subnet.
B. Delete the subnet, and recreate it using a wider range of IP addresses.
C. Create a new project
D. Use Shared VPC to share the current network with the new project.
E. Create a new subnet with the same starting IP but a wider range to overwrite the current subnet.

Answer: C

NEW QUESTION 112

You create a new Google Kubernetes Engine (GKE) cluster and want to make sure that it always runs a supported and stable version of Kubernetes. What should you do?

- A. Enable the Node Auto-Repair feature for your GKE cluster.
B. Enable the Node Auto-Upgrades feature for your GKE cluster.
C. Select the latest available cluster version for your GKE cluster.
D. Select "Container-Optimized OS (cos)" as a node image for your GKE cluster.

Answer: B

NEW QUESTION 116

You need to set a budget alert for use of Compute Engine services on one of the three Google Cloud Platform projects that you manage. All three projects are linked to a single billing account. What should you do?

- A. Verify that you are the project billing administrator
- B. Select the associated billing account and create a budget and alert for the appropriate project.
- C. Verify that you are the project billing administrator
- D. Select the associated billing account and create a budget and a custom alert.
- E. Verify that you are the project administrator
- F. Select the associated billing account and create a budget for the appropriate project.
- G. Verify that you are project administrator
- H. Select the associated billing account and create a budget and a custom alert.

Answer: B

NEW QUESTION 117

You have a virtual machine that is currently configured with 2 vCPUs and 4 GB of memory. It is running out of memory. You want to upgrade the virtual machine to have 8 GB of memory. What should you do?

- A. Rely on live migration to move the workload to a machine with more memory.
- B. Use gcloud to add metadata to the VM
- C. Set the key to required-memory-size and the value to 8 GB.
- D. Stop the VM, change the machine type to n1-standard-8, and start the VM.
- E. Stop the VM, increase the memory to 8 GB, and start the VM.

Answer: D

NEW QUESTION 122

You are creating an application that will run on Google Kubernetes Engine. You have identified MongoDB as the most suitable database system for your application and want to deploy a managed MongoDB environment that provides a support SLA. What should you do?

- A. Create a Cloud Bigtable cluster and use the HBase API
- B. Deploy MongoDB Alias from the Google Cloud Marketplace
- C. Download a MongoDB installation package and run it on Compute Engine instances
- D. Download a MongoDB installation package, and run it on a Managed Instance Group

Answer: D

NEW QUESTION 125

You are the team lead of a group of 10 developers. You provided each developer with an individual Google Cloud Project that they can use as their personal sandbox to experiment with different Google Cloud solutions. You want to be notified if any of the developers are spending above \$500 per month on their sandbox environment. What should you do?

- A. Create a single budget for all projects and configure budget alerts on this budget.
- B. Create a separate billing account per sandbox project and enable BigQuery billing export
- C. Create a Data Studio dashboard to plot the spending per billing account.
- D. Create a budget per project and configure budget alerts on all of these budgets.
- E. Create a single billing account for all sandbox projects and enable BigQuery billing export
- F. Create a Data Studio dashboard to plot the spending per project.

Answer: C

NEW QUESTION 130

You have an application that looks for its licensing server on the IP 10.0.3.21. You need to deploy the licensing server on Compute Engine. You do not want to change the configuration of the application and want the application to be able to reach the licensing server. What should you do?

- A. Reserve the IP 10.0.3.21 as a static internal IP address using gcloud and assign it to the licensing server.
- B. Reserve the IP 10.0.3.21 as a static public IP address using gcloud and assign it to the licensing server.
- C. Use the IP 10.0.3.21 as a custom ephemeral IP address and assign it to the licensing server.
- D. Start the licensing server with an automatic ephemeral IP address, and then promote it to a static internal IP address.

Answer: A

NEW QUESTION 134

You need to configure IAM access audit logging in BigQuery for external auditors. You want to follow Google-recommended practices. What should you do?

- A. Add the auditors group to the 'logging.viewer' and 'bigQuery.dataViewer' predefined IAM roles.
- B. Add the auditors group to two new custom IAM roles.
- C. Add the auditor user accounts to the 'logging.viewer' and 'bigQuery.dataViewer' predefined IAM roles.
- D. Add the auditor user accounts to two new custom IAM roles.

Answer: C

NEW QUESTION 138

You have a web application deployed as a managed instance group. You have a new version of the application to gradually deploy. Your web application is currently receiving live web traffic. You want to ensure that the available capacity does not decrease during the deployment. What should you do?

- A. Perform a rolling-action start-update with maxSurge set to 0 and maxUnavailable set to 1.
- B. Perform a rolling-action start-update with maxSurge set to 1 and maxUnavailable set to 0.
- C. Create a new managed instance group with an updated instance template
- D. Add the group to the backend service for the load balance

- E. When all instances in the new managed instance group are healthy, delete the old managed instance group.
- F. Create a new instance template with the new application versio
- G. Update the existing managed instance group with the new instance templat
- H. Delete the instances in the managed instance group to allow the managed instance group to recreate the instance using the new instance template.

Answer: B

NEW QUESTION 142

You host a static website on Cloud Storage. Recently, you began to include links to PDF files on this site. Currently, when users click on the links to these PDF files, their browsers prompt them to save the file onto their local system. Instead, you want the clicked PDF files to be displayed within the browser window directly, without prompting the user to save the file locally. What should you do?

- A. Enable Cloud CDN on the website frontend.
- B. Enable 'Share publicly' on the PDF file objects.
- C. Set Content-Type metadata to application/pdf on the PDF file objects.
- D. Add a label to the storage bucket with a key of Content-Type and value of application/pdf.

Answer: C

NEW QUESTION 143

You want to configure an SSH connection to a single Compute Engine instance for users in the dev1 group. This instance is the only resource in this particular Google Cloud Platform project that the dev1 users should be able to connect to. What should you do?

- A. Set metadata to enable-oslogin=true for the instanc
- B. Grant the dev1 group the compute.osLogin role.Direct them to use the Cloud Shell to ssh to that instance.
- C. Set metadata to enable-oslogin=true for the instanc
- D. Set the service account to no service account for that instanc
- E. Direct them to use the Cloud Shell to ssh to that instance.
- F. Enable block project wide keys for the instanc
- G. Generate an SSH key for each user in the dev1 group.Distribute the keys to dev1 users and direct them to use their third-party tools to connect.
- H. Enable block project wide keys for the instanc
- I. Generate an SSH key and associate the key with that instanc
- J. Distribute the key to dev1 users and direct them to use their third-party tools to connect.

Answer: D

NEW QUESTION 146

An employee was terminated, but their access to Google Cloud Platform (GCP) was not removed until 2 weeks later. You need to find out this employee accessed any sensitive customer information after their termination. What should you do?

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

Answer: B

NEW QUESTION 151

You have an application that uses Cloud Spanner as a database backend to keep current state information about users. Cloud Bigtable logs all events triggered by users. You export Cloud Spanner data to Cloud Storage during daily backups. One of your analysts asks you to join data from Cloud Spanner and Cloud Bigtable for specific users. You want to complete this ad hoc request as efficiently as possible. What should you do?

- A. Create a dataflow job that copies data from Cloud Bigtable and Cloud Storage for specific users.
- B. Create a dataflow job that copies data from Cloud Bigtable and Cloud Spanner for specific users.
- C. Create a Cloud Dataproc cluster that runs a Spark job to extract data from Cloud Bigtable and Cloud Storage for specific users.
- D. Create two separate BigQuery external tables on Cloud Storage and Cloud Bigtabl
- E. Use the BigQuery console to join these tables through user fields, and apply appropriate filters.

Answer: D

NEW QUESTION 153

You have created an application that is packaged into a Docker image. You want to deploy the Docker image as a workload on Google Kubernetes Engine. What should you do?

- A. Upload the image to Cloud Storage and create a Kubernetes Service referencing the image
- B. Upload the image to Cloud Storage and create a Kubernetes Deployment referencing the image
- C. Upload the image to Container Registry and create a Kubernetes Service referencing the image.
- D. Upload the image to Container Registry and create a Kubernetes Deployment referencing the mage

Answer: C

NEW QUESTION 157

You have production and test workloads that you want to deploy on Compute Engine. Production VMs need to be in a different subnet than the test VMs. All the

VMs must be able to reach each other over internal IP without creating additional routes. You need to set up VPC and the 2 subnets. Which configuration meets these requirements?

- A. Create a single custom VPC with 2 subnet
- B. Create each subnet in a different region and with a different CIDR range.
- C. Create a single custom VPC with 2 subnet
- D. Create each subnet in the same region and with the same CIDR range.
- E. Create 2 custom VPCs, each with a single subne
- F. Create each subnet is a different region and with a different CIDR range.
- G. Create 2 custom VPCs, each with a single subne
- H. Create each subnet in the same region and with the same CIDR range.

Answer: A

NEW QUESTION 158

You are building an archival solution for your data warehouse and have selected Cloud Storage to archive your data. Your users need to be able to access this archived data once a quarter for some regulatory requirements. You want to select a cost-efficient option. Which storage option should you use?

- A. Cold Storage
- B. Nearline Storage
- C. Regional Storage
- D. Multi-Regional Storage

Answer: B

Explanation:

Nearline, Coldline, and Archive offer ultra low-cost, highly-durable, highly available archival storage. For data accessed less than once a year, Archive is a cost-effective storage option for long-term preservation of data.

Coldline is also ideal for cold storage—data your business expects to touch less than once a quarter. For warmer storage, choose Nearline: data you expect to access less than once a month, but possibly multiple times throughout the year. All storage classes are available across all GCP regions and provide unparalleled sub-second access speeds with a consistent API.

NEW QUESTION 162

&. You are working for a hospital that stores its medical images in an on-premises data room. The hospital wants to use Cloud Storage for archival storage of these images. The hospital wants an automated process to upload any new medical images to Cloud Storage. You need to design and implement a solution. What should you do?

- A. Deploy a Dataflow job from the batch template "Datastore to Cloud Storage" Schedule the batch job on the desired interval
- B. In the Cloud Console, go to Cloud Storage Upload the relevant images to the appropriate bucket
- C. Create a script that uses the gsutil command line interface to synchronize the on-premises storage with Cloud Storage Schedule the script as a cron job
- D. Create a Pub/Sub topic, and enable a Cloud Storage trigger for the Pub/Sub topic
- E. Create an application that sends all medical images to the Pub/Sub topic

Answer: A

NEW QUESTION 164

You are configuring service accounts for an application that spans multiple projects. Virtual machines (VMs) running in the web-applications project need access to BigQuery datasets in crm-databases-proj. You want to follow Google-recommended practices to give access to the service account in the web-applications project. What should you do?

- A. Give "project owner" for web-applications appropriate roles to crm-databases- proj
- B. Give "project owner" role to crm-databases-proj and the web-applications project.
- C. Give "project owner" role to crm-databases-proj and bigquery.dataViewer role to web-applications.
- D. Give bigquery.dataViewer role to crm-databases-proj and appropriate roles to web-applications.

Answer: D

NEW QUESTION 165

You want to add a new auditor to a Google Cloud Platform project. The auditor should be allowed to read, but not modify, all project items. How should you configure the auditor's permissions?

- A. Create a custom role with view-only project permission
- B. Add the user's account to the custom role.
- C. Create a custom role with view-only service permission
- D. Add the user's account to the custom role.
- E. Select the built-in IAM project Viewer role
- F. Add the user's account to this role.
- G. Select the built-in IAM service Viewer role
- H. Add the user's account to this role.

Answer: C

NEW QUESTION 169

Your organization has user identities in Active Directory. Your organization wants to use Active Directory as their source of truth for identities. Your organization wants to have full control over the Google accounts used by employees for all Google services, including your Google Cloud Platform (GCP) organization. What should you do?

- A. Use Google Cloud Directory Sync (GCDS) to synchronize users into Cloud Identity.

- B. Use the cloud Identity APIs and write a script to synchronize users to Cloud Identity.
- C. Export users from Active Directory as a CSV and import them to Cloud Identity via the Admin Console.
- D. Ask each employee to create a Google account using self signu
- E. Require that each employee use their company email address and password.

Answer: A

NEW QUESTION 171

You want to select and configure a cost-effective solution for relational data on Google Cloud Platform. You are working with a small set of operational data in one geographic location. You need to support point-in-time recovery. What should you do?

- A. Select Cloud SQL (MySQL). Verify that the enable binary logging option is selected.
- B. Select Cloud SQL (MySQL). Select the create failover replicas option.
- C. Select Cloud Spanne
- D. Set up your instance with 2 nodes.
- E. Select Cloud Spanne
- F. Set up your instance as multi-regional.

Answer: A

NEW QUESTION 174

You have sensitive data stored in three Cloud Storage buckets and have enabled data access logging. You want to verify activities for a particular user for these buckets, using the fewest possible steps. You need to verify the addition of metadata labels and which files have been viewed from those buckets. What should you do?

- A. Using the GCP Console, filter the Activity log to view the information.
- B. Using the GCP Console, filter the Stackdriver log to view the information.
- C. View the bucket in the Storage section of the GCP Console.
- D. Create a trace in Stackdriver to view the information.

Answer: A

NEW QUESTION 175

Several employees at your company have been creating projects with Cloud Platform and paying for it with their personal credit cards, which the company reimburses. The company wants to centralize all these projects under a single, new billing account. What should you do?

- A. Contact cloud-billing@google.com with your bank account details and request a corporate billing account for your company.
- B. Create a ticket with Google Support and wait for their call to share your credit card details over the phone.
- C. In the Google Platform Console, go to the Resource Manage and move all projects to the root Organization.
- D. In the Google Cloud Platform Console, create a new billing account and set up a payment method.

Answer: D

NEW QUESTION 180

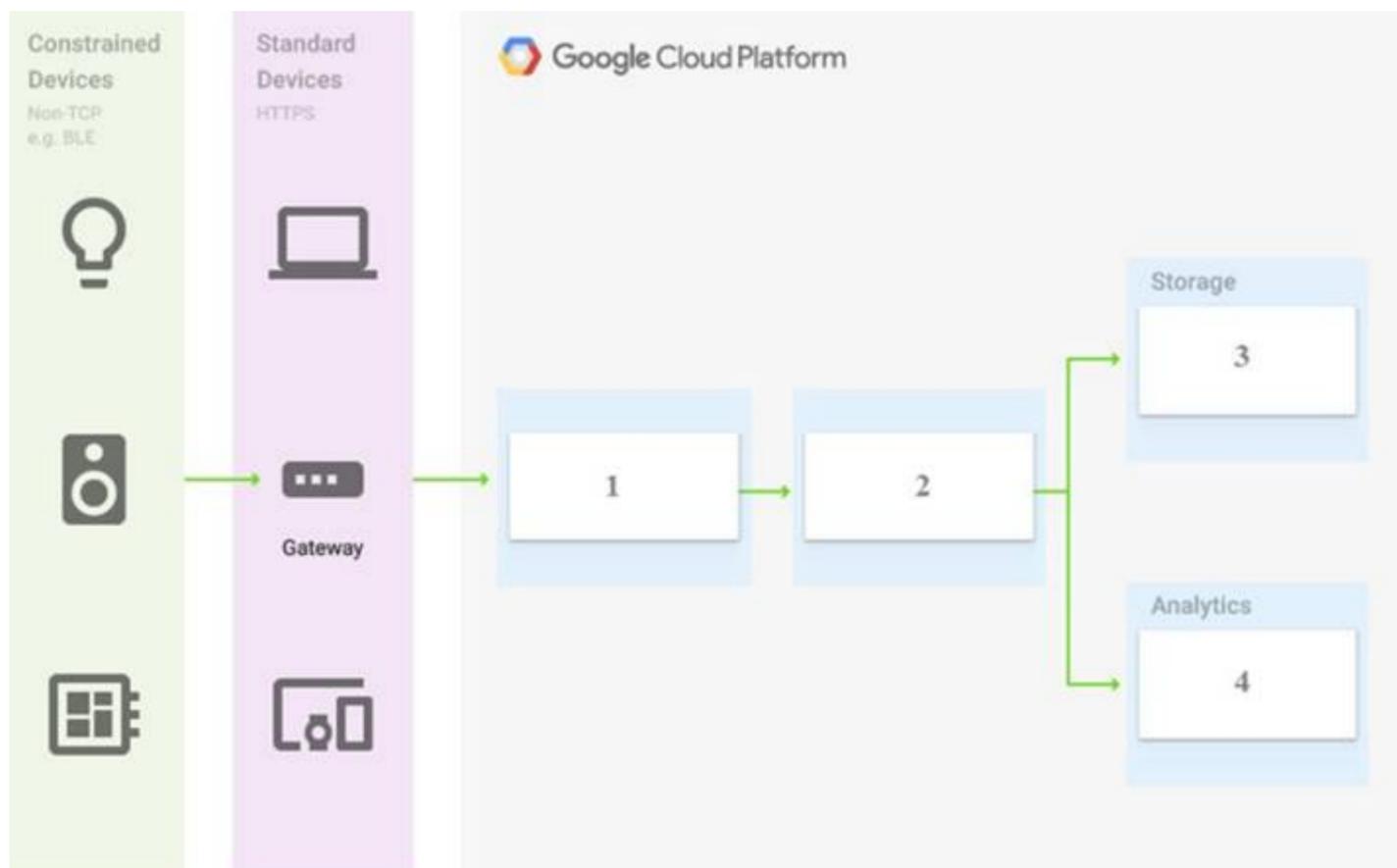
You need to produce a list of the enabled Google Cloud Platform APIs for a GCP project using the gcloud command line in the Cloud Shell. The project name is my-project. What should you do?

- A. Run `gcloud projects list` to get the project ID, and then run `gcloud services list --project <project ID>`.
- B. Run `gcloud init` to set the current project to my-project, and then run `gcloud services list --available`.
- C. Run `gcloud info` to view the account value, and then run `gcloud services list --account <Account>`.
- D. Run `gcloud projects describe <project ID>` to verify the project value, and then run `gcloud services list--available`.

Answer: A

NEW QUESTION 182

You are building a pipeline to process time-series data. Which Google Cloud Platform services should you put in boxes 1,2,3, and 4?



- A. Cloud Pub/Sub, Cloud Dataflow, Cloud Datastore, BigQuery
- B. Firebase Messages, Cloud Pub/Sub, Cloud Spanner, BigQuery
- C. Cloud Pub/Sub, Cloud Storage, BigQuery, Cloud Bigtable
- D. Cloud Pub/Sub, Cloud Dataflow, Cloud Bigtable, BigQuery

Answer: D

NEW QUESTION 187

You want to send and consume Cloud Pub/Sub messages from your App Engine application. The Cloud Pub/Sub API is currently disabled. You will use a service account to authenticate your application to the API. You want to make sure your application can use Cloud Pub/Sub. What should you do?

- A. Enable the Cloud Pub/Sub API in the API Library on the GCP Console.
- B. Rely on the automatic enablement of the Cloud Pub/Sub API when the Service Account accesses it.
- C. Use Deployment Manager to deploy your application
- D. Rely on the automatic enablement of all APIs used by the application being deployed.
- E. Grant the App Engine Default service account the role of Cloud Pub/Sub Admin
- F. Have your application enable the API on the first connection to Cloud Pub/Sub.

Answer: A

NEW QUESTION 192

You have created a code snippet that should be triggered whenever a new file is uploaded to a Cloud Storage bucket. You want to deploy this code snippet. What should you do?

- A. Use App Engine and configure Cloud Scheduler to trigger the application using Pub/Sub.
- B. Use Cloud Functions and configure the bucket as a trigger resource.
- C. Use Google Kubernetes Engine and configure a CronJob to trigger the application using Pub/Sub.
- D. Use Dataflow as a batch job, and configure the bucket as a data source.

Answer: A

NEW QUESTION 197

You need to create a copy of a custom Compute Engine virtual machine (VM) to facilitate an expected increase in application traffic due to a business acquisition. What should you do?

- A. Create a Compute Engine snapshot of your base VM
- B. Create your images from that snapshot.
- C. Create a Compute Engine snapshot of your base VM
- D. Create your instances from that snapshot.
- E. Create a custom Compute Engine image from a snapshot
- F. Create your images from that image.
- G. Create a custom Compute Engine image from a snapshot
- H. Create your instances from that image.

Answer: D

Explanation:

A custom image belongs only to your project. To create an instance with a custom image, you must first have a custom image.

NEW QUESTION 198

You need to create a custom IAM role for use with a GCP service. All permissions in the role must be suitable for production use. You also want to clearly share with your organization the status of the custom role. This will be the first version of the custom role. What should you do?

- A. Use permissions in your role that use the 'supported' support level for role permission
- B. Set the role stage to ALPHA while testing the role permissions.
- C. Use permissions in your role that use the 'supported' support level for role permission
- D. Set the role stage to BETA while testing the role permissions.
- E. Use permissions in your role that use the 'testing' support level for role permission
- F. Set the role stage to ALPHA while testing the role permissions.
- G. Use permissions in your role that use the 'testing' support level for role permission
- H. Set the role stage to BETA while testing the role permissions.

Answer: C

NEW QUESTION 199

You deployed a new application inside your Google Kubernetes Engine cluster using the YAML file specified below.

```

apiVersion: apps/v1          apiVersion: v1
kind: Deployment            kind: Service
metadata:                  metadata:
  name: myapp-deployment    name: myapp-service
spec:                      spec:
  selector:                ports:
    matchLabels:           - port: 8000
      app: myapp           targetPort: 80
  replicas: 2              protocol: TCP
  template:                selector:
    metadata:              app: myapp
    labels:
      app: myapp
    spec:
      containers:
        - name: myapp
          image: myapp:1.1
          ports:
            - containerPort: 80

```

You check the status of the deployed pods and notice that one of them is still in PENDING status:

```

kubectl get pods -l app=myapp
NAME                                READY   STATUS    RESTART   AGE
myapp-deployment-58ddb995-lp86m    0/1    Pending   0         9m
myapp-deployment-58ddb995-qjpkg    1/1    Running   0         9m

```

You want to find out why the pod is stuck in pending status. What should you do?

- A. Review details of the myapp-service Service object and check for error messages.
- B. Review details of the myapp-deployment Deployment object and check for error messages.
- C. Review details of myapp-deployment-58ddb995-lp86m Pod and check for warning messages.
- D. View logs of the container in myapp-deployment-58ddb995-lp86m pod and check for warning messages.

Answer: C

NEW QUESTION 204

Your company implemented BigQuery as an enterprise data warehouse. Users from multiple business units run queries on this data warehouse. However, you notice that query costs for BigQuery are very high, and you need to control costs. Which two methods should you use? (Choose two.)

- A. Split the users from business units to multiple projects.
- B. Apply a user- or project-level custom query quota for BigQuery data warehouse.
- C. Create separate copies of your BigQuery data warehouse for each business unit.
- D. Split your BigQuery data warehouse into multiple data warehouses for each business unit.
- E. Change your BigQuery query model from on-demand to flat rat
- F. Apply the appropriate number of slots to each Project.

Answer: BE

NEW QUESTION 208

You need to create a Compute Engine instance in a new project that doesn't exist yet. What should you do?

- A. Using the Cloud SDK, create a new project, enable the Compute Engine API in that project, and then create the instance specifying your new project.

- B. Enable the Compute Engine API in the Cloud Console, use the Cloud SDK to create the instance, and then use the `—project` flag to specify a new project.
- C. Using the Cloud SDK, create the new instance, and use the `—project` flag to specify the new project. Answer yes when prompted by Cloud SDK to enable the Compute Engine API.
- D. Enable the Compute Engine API in the Cloud Console
- E. Go to the Compute Engine section of the Console to create a new instance, and look for the Create In A New Project option in the creation form.

Answer: A

NEW QUESTION 213

Your company wants to standardize the creation and management of multiple Google Cloud resources using Infrastructure as Code. You want to minimize the amount of repetitive code needed to manage the environment. What should you do?

- A. Create a bash script that contains all requirement steps as `gcloud` commands
- B. Develop templates for the environment using Cloud Deployment Manager
- C. Use `curl` in a terminal to send a REST request to the relevant Google API for each individual resource.
- D. Use the Cloud Console interface to provision and manage all related resources

Answer: B

NEW QUESTION 216

You need to configure optimal data storage for files stored in Cloud Storage for minimal cost. The files are used in a mission-critical analytics pipeline that is used continually. The users are in Boston, MA (United States). What should you do?

- A. Configure regional storage for the region closest to the users. Configure a Nearline storage class.
- B. Configure regional storage for the region closest to the users. Configure a Standard storage class.
- C. Configure dual-regional storage for the dual region closest to the users. Configure a Nearline storage class.
- D. Configure dual-regional storage for the dual region closest to the users. Configure a Standard storage class.

Answer: B

NEW QUESTION 218

Your company has an internal application for managing transactional orders. The application is used exclusively by employees in a single physical location. The application requires strong consistency, fast queries, and ACID guarantees for multi-table transactional updates. The first version of the application is implemented in PostgreSQL, and you want to deploy it to the cloud with minimal code changes. Which database is most appropriate for this application?

- A. BigQuery
- B. Cloud SQL
- C. Cloud Spanner
- D. Cloud Datastore

Answer: B

NEW QUESTION 222

You are working with a Cloud SQL MySQL database at your company. You need to retain a month-end copy of the database for three years for audit purposes. What should you do?

- A. Save file automatic first-of-the-month backup for three years. Store the backup file in an Archive class Cloud Storage bucket.
- B. Convert the automatic first-of-the-month backup to an export file. Write the export file to a Coldline class Cloud Storage bucket.
- C. Set up an export job for the first of the month. Write the export file to an Archive class Cloud Storage bucket.
- D. Set up an on-demand backup for the first of the month. Write the backup to an Archive class Cloud Storage bucket.

Answer: A

NEW QUESTION 225

Your Dataproc cluster runs in a single Virtual Private Cloud (VPC) network in a single subnet with range 172.16.20.128/25. There are no private IP addresses available in the VPC network. You want to add new VMs to communicate with your cluster using the minimum number of steps. What should you do?

- A. Modify the existing subnet range to 172.16.20.0/24.
- B. Create a new Secondary IP Range in the VPC and configure the VMs to use that range.
- C. Create a new VPC network for the VMs.
- D. Enable VPC Peering between the VMs' VPC network and the Dataproc cluster VPC network.
- E. Create a new VPC network for the VMs with a subnet of 172.32.0.0/16. Enable VPC network Peering between the Dataproc VPC network and the VMs VPC network.
- F. Configure a custom Route exchange.

Answer: B

Explanation:

A subnet has a single primary IP address range and, optionally, one or more secondary IP address ranges. For each subnet IP address range, Google Cloud creates a subnet route. When you use VPC Network Peering, Google Cloud always exchanges the subnet routes that don't use privately reused public IP addresses between the two peered networks. If firewall rules in each network permit communication, VM instances in one network can communicate with instances in the peered network.

NEW QUESTION 229

You are creating a Google Kubernetes Engine (GKE) cluster with a cluster autoscaler feature enabled. You need to make sure that each node of the cluster will run a monitoring pod that sends container metrics to a third-party monitoring solution. What should you do?

- A. Deploy the monitoring pod in a StatefulSet object.
- B. Deploy the monitoring pod in a DaemonSet object.
- C. Reference the monitoring pod in a Deployment object.
- D. Reference the monitoring pod in a cluster initializer at the GKE cluster creation time.

Answer: B

NEW QUESTION 230

You need to reduce GCP service costs for a division of your company using the fewest possible steps. You need to turn off all configured services in an existing GCP project. What should you do?

- A. * 1. Verify that you are assigned the Project Owners IAM role for this project.* 2. Locate the project in the GCP console, click Shut down and then enter the project ID.
- B. * 1. Verify that you are assigned the Project Owners IAM role for this project.* 2. Switch to the project in the GCP console, locate the resources and delete them.
- C. 1. Verify that you are assigned the Organizational Administrator IAM role for this project.* 2. Locate the project in the GCP console, enter the project ID and then click Shut down.
- D. * 1. Verify that you are assigned the Organizational Administrators IAM role for this project.* 2. Switch to the project in the GCP console, locate the resources and delete them.

Answer: C

NEW QUESTION 231

You have been asked to create robust Virtual Private Network (VPN) connectivity between a new Virtual Private Cloud (VPC) and a remote site. Key requirements include dynamic routing, a shared address space of 10.19.0.1/22, and no overprovisioning of tunnels during a failover event. You want to follow Google-recommended practices to set up a high availability Cloud VPN. What should you do?

- A. Use a custom mode VPC network, configure static routes, and use active/passive routing
- B. Use an automatic mode VPC network, configure static routes, and use active/active routing
- C. Use a custom mode VPC network use Cloud Router border gateway protocol (86P) routes, and use active/passive routing
- D. Use an automatic mode VPC network, use Cloud Router border gateway protocol (BGP) routes and configure policy-based routing

Answer: D

NEW QUESTION 234

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