



Google

Exam Questions Associate-Cloud-Engineer

Google Cloud Certified - Associate Cloud Engineer

NEW QUESTION 1

Your company has workloads running on Compute Engine and on-premises. The Google Cloud Virtual Private Cloud (VPC) is connected to your WAN over a Virtual Private Network (VPN). You need to deploy a new Compute Engine instance and ensure that no public Internet traffic can be routed to it. What should you do?

- A. Create the instance without a public IP address.
- B. Create the instance with Private Google Access enabled.
- C. Create a deny-all egress firewall rule on the VPC network.
- D. Create a route on the VPC to route all traffic to the instance over the VPN tunnel.

Answer: B

Explanation:

Get private access to Google services, such as storage, big data, analytics, or machine learning, without having to give your service a public IP address.
Reference: <https://cloud.google.com/vpc>

NEW QUESTION 2

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 3

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 4

You are the organization and billing administrator for your company. The engineering team has the Project Creator role on the organization. You do not want the engineering team to be able to link projects to the billing account. Only the finance team should be able to link a project to a billing account, but they should not be able to make any other changes to projects. What should you do?

- A. Assign the finance team only the Billing Account User role on the billing account.
- B. Assign the engineering team only the Billing Account User role on the billing account.
- C. Assign the finance team the Billing Account User role on the billing account and the Project Billing Manager role on the organization.
- D. Assign the engineering team the Billing Account User role on the billing account and the Project Billing Manager role on the organization.

Answer: D

NEW QUESTION 5

You are working with a user to set up an application in a new VPC behind a firewall. The user is concerned about data egress. You want to configure the fewest open egress ports. What should you do?

- A. Set up a low-priority (65534) rule that blocks all egress and a high-priority (1000) that allows only the appropriate ports.
- B. Set up a high-priority (1000) rule that pairs both ingress and egress ports.
- C. Set up a high-priority (1000) rule that blocks all egress and a low-priority (65534) rule that allows only the appropriate ports.
- D. Set up a high-priority (1000) rule to allow the appropriate ports.

Answer: C

NEW QUESTION 6

Your company publishes large files on an Apache web server that runs on a Compute Engine instance. The Apache web server is not the only application running in the project. You want to receive an email when the egress network costs for the server exceed 100 dollars for the current month as measured by Google Cloud Platform (GCP). What should you do?

- A. Set up a budget alert on the project with an amount of 100 dollars, a threshold of 100%, and notificationtype of "email."
- B. Set up a budget alert on the billing account with an amount of 100 dollars, a threshold of 100%, and notification type of "email."
- C. Export the billing data to BigQuer
- D. Create a Cloud Function that uses BigQuery to sum the egress network costs of the exported billing data for the Apache web server for the current month and sends an email if it is over 100 dollar
- E. Schedule the Cloud Function using Cloud Scheduler to run hourly.

- F. Use the Stackdriver Logging Agent to export the Apache web server logs to Stackdriver Logging. Create a Cloud Function that uses BigQuery to parse the HTTP response log data in Stackdriver for the current month and sends an email if the size of all HTTP responses, multiplied by current GCP egress prices, totals over 100 dollar
- G. Schedule the Cloud Function using Cloud Scheduler to run hourly.

Answer: D

NEW QUESTION 7

You need to set up permissions for a set of Compute Engine instances to enable them to write data into a particular Cloud Storage bucket. You want to follow Google-recommended practices. What should you do?

- A. Create a service account with an access scop
- B. Use the access scope 'https://www.googleapis.com/auth/devstorage.write_only'.
- C. Create a service account with an access scop
- D. Use the access scope 'https://www.googleapis.com/auth/cloud-platform'.
- E. Create a service account and add it to the IAM role 'storage.objectCreator' for that bucket.
- F. Create a service account and add it to the IAM role 'storage.objectAdmin' for that bucket.

Answer: B

NEW QUESTION 8

You need to manage a third-party application that will run on a Compute Engine instance. Other Compute Engine instances are already running with default configuration. Application installation files are hosted on Cloud Storage. You need to access these files from the new instance without allowing other virtual machines (VMs) to access these files. What should you do?

- A. Create the instance with the default Compute Engine service account Grant the service account permissions on Cloud Storage.
- B. Create the instance with the default Compute Engine service account Add metadata to the objects on Cloud Storage that matches the metadata on the new instance.
- C. Create a new service account and assign this service account to the new instance Grant the service account permissions on Cloud Storage.
- D. Create a new service account and assign this service account to the new instance Add metadata to the objects on Cloud Storage that matches the metadata on the new instance.

Answer: C

NEW QUESTION 9

You are using Data Studio to visualize a table from your data warehouse that is built on top of BigQuery. Data is appended to the data warehouse during the day. At night, the daily summary is recalculated by overwriting the table. You just noticed that the charts in Data Studio are broken, and you want to analyze the problem. What should you do?

- A. Use the BigQuery interface to review the nightly Job and look for any errors
- B. Review the Error Reporting page in the Cloud Console to find any errors.
- C. In Cloud Logging create a filter for your Data Studio report
- D. Use Cloud Debugger to find out why the data was not refreshed correctly

Answer: D

NEW QUESTION 10

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 10

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 13

You have a batch workload that runs every night and uses a large number of virtual machines (VMs). It is fault-tolerant and can tolerate some of the VMs being terminated. The current cost of VMs is too high. What should you do?

- A. Run a test using simulated maintenance event
- B. If the test is successful, use preemptible N1 Standard VMs when running future jobs.

- C. Run a test using simulated maintenance event
- D. If the test is successful, use N1 Standard VMs when running future jobs.
- E. Run a test using a managed instance group
- F. If the test is successful, use N1 Standard VMs in the managed instance group when running future jobs.
- G. Run a test using N1 standard VMs instead of N2. If the test is successful, use N1 Standard VMs when running future jobs.

Answer: B

NEW QUESTION 14

You have deployed multiple Linux instances on Compute Engine. You plan on adding more instances in the coming weeks. You want to be able to access all of these instances through your SSH client over the Internet without having to configure specific access on the existing and new instances. You do not want the Compute Engine instances to have a public IP. What should you do?

- A. Configure Cloud Identity-Aware Proxy (or HTTPS resources)
- B. Configure Cloud Identity-Aware Proxy for SSH and TCP resources.
- C. Create an SSH keypair and store the public key as a project-wide SSH Key
- D. Create an SSH keypair and store the private key as a project-wide SSH Key

Answer: C

NEW QUESTION 15

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 18

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 19

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 24

You built an application on Google Cloud Platform that uses Cloud Spanner. Your support team needs to monitor the environment but should not have access to table data. You need a streamlined solution to grant the correct permissions to your support team, and you want to follow Google-recommended practices. What should you do?

- A. Add the support team group to the roles/monitoring.viewer role
- B. Add the support team group to the roles/spanner.databaseUser role.
- C. Add the support team group to the roles/spanner.databaseReader role.
- D. Add the support team group to the roles/stackdriver.accounts.viewer role.

Answer: B

NEW QUESTION 29

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 30

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

Answer: D

NEW QUESTION 31

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 ta
- 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 36

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.privateLogViewe
- B. Perform the export of logs to Cloud Storage.
- C. Assign the auditor the IAM role roles/logging.privateLogViewe
- 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 permissio
- 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 permissio
- H. Direct the auditor to also review the logs for changes to Cloud IAM policy.

Answer: C

NEW QUESTION 40

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 grou
- D. Set the Autohealing health check to healthy (HTTP).
- E. Create a managed instance grou
- F. Verify that the autoscaling setting is on.

Answer: A

NEW QUESTION 41

You are migrating a production-critical on-premises application that requires 96 vCPUs to perform its task. You want to make sure the application runs in a similar environment on GCP. What should you do?

- A. When creating the VM, use machine type n1-standard-96.
- B. When creating the VM, use Intel Skylake as the CPU platform.
- C. Create the VM using Compute Engine default setting
- D. Use gcloud to modify the running instance to have 96 vCPUs.
- E. Start the VM using Compute Engine default settings, and adjust as you go based on Rightsizing Recommendations.

Answer: C

NEW QUESTION 44

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 46

You create a Deployment with 2 replicas in a Google Kubernetes Engine cluster that has a single preemptible node pool. After a few minutes, you use kubectl to examine the status of your Pod and observe 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

What is the most likely cause?

- A. The pending Pod's resource requests are too large to fit on a single node of the cluster.
- B. Too many Pods are already running in the cluster, and there are not enough resources left to schedule the pending Pod.
- C. The node pool is configured with a service account that does not have permission to pull the container image used by the pending Pod.
- D. The pending Pod was originally scheduled on a node that has been preempted between the creation of the Deployment and your verification of the Pods' status.
- E. It is currently being rescheduled on a new node.

Answer: B

NEW QUESTION 49

You have been asked to set up the billing configuration for a new Google Cloud customer. Your customer wants to group resources that share common IAM policies. What should you do?

- A. Use labels to group resources that share common IAM policies
- B. Use folders to group resources that share common IAM policies
- C. Set up a proper billing account structure to group IAM policies
- D. Set up a proper project naming structure to group IAM policies

Answer: B

NEW QUESTION 52

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 56

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 58

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 59

You've deployed a microservice called myapp1 to a Google Kubernetes Engine cluster using the YAML file specified below:

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: myapp1-deployment
spec:
  selector:
    matchLabels:
      app: myapp1
  replicas: 2
  template:
    metadata:
      labels:
        app: myapp1
    spec:
      containers:
        - name: main-container
          image: gcr.io/my-company-repo/myapp1:1.4
          env:
            - name: DB_PASSWORD
              value: "t0ugh2guess!"
          ports:
            - containerPort: 8080
```

You need to refactor this configuration so that the database password is not stored in plain text. You want to follow Google-recommended practices. What should you do?

- A. Store the database password inside the Docker image of the container, not in the YAML file.
- B. Store the database password inside a Secret objec
- C. Modify the YAML file to populate the DB_PASSWORD environment variable from the Secret.
- D. Store the database password inside a ConfigMap objec
- E. Modify the YAML file to populate the DB_PASSWORD environment variable from the ConfigMap.
- F. Store the database password in a file inside a Kubernetes persistent volume, and use a persistent volume claim to mount the volume to the container.

Answer: C

NEW QUESTION 63

An application generates daily reports in a Compute Engine virtual machine (VM). The VM is in the project corp-iot-insights. Your team operates only in the project corp-aggregate-reports and needs a copy of the daily exports in the bucket corp-aggregate-reports-storage. You want to configure access so that the daily reports from the VM are available in the bucket corp-aggregate-reports-storage and use as few steps as possible while following Google-recommended practices. What should you do?

- A. Move both projects under the same folder.
- B. Grant the VM Service Account the role Storage Object Creator on corp-aggregate-reports-storage.
- C. Create a Shared VPC network between both project
- D. Grant the VM Service Account the role Storage Object Creator on corp-iot-insights.
- E. Make corp-aggregate-reports-storage public and create a folder with a pseudo-randomized suffix name. Share the folder with the IoT team.

Answer: D

NEW QUESTION 65

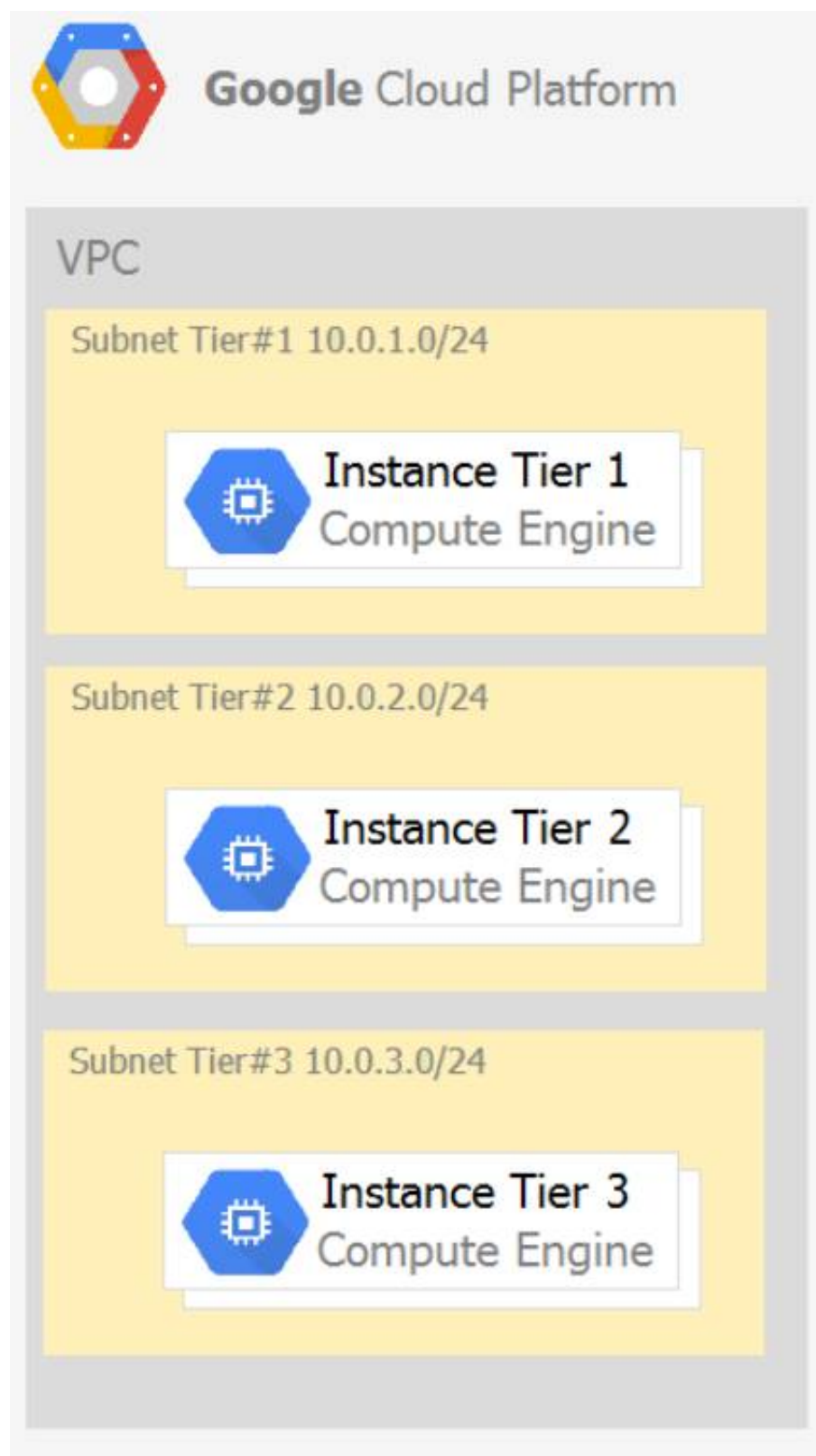
You received a JSON file that contained a private key of a Service Account in order to get access to several resources in a Google Cloud project. You downloaded and installed the Cloud SDK and want to use this private key for authentication and authorization when performing gcloud commands. What should 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 66

Your company has a 3-tier solution running on Compute Engine. The configuration of the current infrastructure is shown below.



Each tier has a service account that is associated with all instances within it. You need to enable communication on TCP port 8080 between tiers as follows:

- Instances in tier #1 must communicate with tier #2.
- Instances in tier #2 must communicate with tier #3. What should you do?

- A. 1. Create an ingress firewall rule with the following settings:• Targets: all instances• Source filter: IP ranges (with the range set to 10.0.2.0/24)• Protocols: allow all
2. Create an ingress firewall rule with the following settings:• Targets: all instances• Source filter: IP ranges (with the range set to 10.0.1.0/24)• Protocols: allow all
- B. 1. Create an ingress firewall rule with the following settings:• Targets: all instances with tier #2 service account• Source filter: all instances with tier #1 service account• Protocols: allow TCP:8080
2. Create an ingress firewall rule with the following settings:• Targets: all instances with tier #3 service account• Source filter: all instances with tier #2 service account• Protocols: allow TCP: 8080
- C. 1. Create an ingress firewall rule with the following settings:• Targets: all instances with tier #2 service account• Source filter: all instances with tier #1 service account• Protocols: allow all
2. Create an ingress firewall rule with the following settings:• Targets: all instances with tier #3 service account• Source filter: all instances with tier #2 service account• Protocols: allow all
- D. 1. Create an egress firewall rule with the following settings:• Targets: all instances• Source filter: IP ranges (with the range set to 10.0.2.0/24)• Protocols: allow TCP: 8080
2. Create an egress firewall rule with the following settings:• Targets: all instances• Source filter: IP ranges (with the range set to 10.0.1.0/24)• Protocols: allow TCP: 8080

Answer: B

NEW QUESTION 67

You are using Google Kubernetes Engine with autoscaling enabled to host a new application. You want to expose this new application to the public, using HTTPS on a public IP address. What should you do?

- A. Create a Kubernetes Service of type NodePort for your application, and a Kubernetes Ingress to expose this Service via a Cloud Load Balancer.
- B. Create a Kubernetes Service of type ClusterIP for your application.
- C. Configure the public DNS name of your application using the IP of this Service.
- D. Create a Kubernetes Service of type NodePort to expose the application on port 443 of each node of the Kubernetes cluster.
- E. Configure the public DNS name of your application with the IP of every node of the cluster to achieve load-balancing.
- F. Create a HAProxy pod in the cluster to load-balance the traffic to all the pods of the application. Forward the public traffic to HAProxy with an iptable rule.
- G. Configure the DNS name of your application using the public IP of the node HAProxy is running on.

Answer: A

NEW QUESTION 72

Your auditor wants to view your organization's use of data in Google Cloud. The auditor is most interested in auditing who accessed data in Cloud Storage buckets. You need to help the auditor access the data they need. What should you do?

- A. Assign the appropriate permissions, and then use Cloud Monitoring to review metrics
- B. Use the export logs API to provide the Admin Activity Audit Logs in the format they want
- C. Turn on Data Access Logs for the buckets they want to audit, and Then build a query in the log viewer that filters on Cloud Storage
- D. Assign the appropriate permissions, and then create a Data Studio report on Admin Activity Audit Logs

Answer: A

NEW QUESTION 75

You have a large 5-TB AVRO file stored in a Cloud Storage bucket. Your analysts are proficient only in SQL and need access to the data stored in this file. You want to find a cost-effective way to complete their request as soon as possible. What should you do?

- A. Load data in Cloud Datastore and run a SQL query against it.
- B. Create a BigQuery table and load data in BigQuer
- C. Run a SQL query on this table and drop this table after you complete your request.
- D. Create external tables in BigQuery that point to Cloud Storage buckets and run a SQL query on these external tables to complete your request.
- E. Create a Hadoop cluster and copy the AVRO file to NDfs by compressing i
- F. Load the file in a hive table and provide access to your analysts so that they can run SQL queries.

Answer: C

NEW QUESTION 79

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 81

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 83

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 o
- C. Set the 'On-host maintenance' to Migrate VM instanc
- D. Add the instance template to an instance group.
- E. Create an instance template for the instance
- F. Set 'Automatic Restart' to of
- 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 instanc
- L. Verify that the 'Advanced creation options' setting for 'do not retry machine creation' is set to off.

Answer: B

NEW QUESTION 84

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 85

Your existing application running in Google Kubernetes Engine (GKE) consists of multiple pods running on four GKE n1-standard-2 nodes. You need to deploy additional pods requiring n2-highmem-16 nodes without any downtime. What should you do?

- A. Use gcloud container clusters upgrad
- B. Deploy the new services.
- C. Create a new Node Pool and specify machine type n2-highmem-16. Deploy the new pods.
- D. Create a new cluster with n2-highmem-16 node
- E. Redeploy the pods and delete the old cluster.
- F. Create a new cluster with both n1-standard-2 and n2-highmem-16 node
- G. Redeploy the pods and delete the old cluster.

Answer: B

NEW QUESTION 87

You need to manage multiple Google Cloud Platform (GCP) projects in the fewest steps possible. You want to configure the Google Cloud SDK command line interface (CLI) so that you can easily manage multiple GCP projects. What should you?

- A. * 1. Create a configuration for each project you need to manage.* 2. Activate the appropriate configuration when you work with each of your assigned GCP projects.
- B. * 1. Create a configuration for each project you need to manage.* 2. Use gcloud init to update the configuration values when you need to work with a non-default project
- C. * 1. Use the default configuration for one project you need to manage.* 2. Activate the appropriate configuration when you work with each of your assigned GCP projects.
- D. * 1. Use the default configuration for one project you need to manage.* 2. Use gcloud init to update the configuration values when you need to work with a non-default project.

Answer: D

NEW QUESTION 91

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 conditio
- 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 Stackdrive
- 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 metri
- G. * 3. Configure your email address in the notification channel.

Answer: D

NEW QUESTION 94

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 projec
- 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 98

You have developed a containerized web application that will serve Internal colleagues during business hours. You want to ensure that no costs are incurred outside of the hours the application is used. You have just created a new Google Cloud project and want to deploy the application. What should you do?

- A. Deploy the container on Cloud Run for Anthos, and set the minimum number of instances to zero
- B. Deploy the container on Cloud Run (fully managed), and set the minimum number of instances to zero.
- C. Deploy the container on App Engine flexible environment with autoscalin
- D. and set the value min_instances to zero in the app yaml
- E. Deploy the container on App Engine flexible environment with manual scaling, and set the value instances to zero in the app yaml

Answer: C

NEW QUESTION 100

Your finance team wants to view the billing report for your projects. You want to make sure that the finance team does not get additional permissions to the project. What should you do?

- A. Add the group for the finance team to roles/billing user role.
- B. Add the group for the finance team to roles/billing admin role.

- C. Add the group for the finance team to roles/billing viewer role.
- D. Add the group for the finance team to roles/billing project/Manager role.

Answer: A

NEW QUESTION 103

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 106

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 109

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 114

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 119

You are assigned to maintain a Google Kubernetes Engine (GKE) cluster named dev that was deployed on Google Cloud. You want to manage the GKE configuration using the command line interface (CLI). You have just downloaded and installed the Cloud SDK. You want to ensure that future CLI commands by default address this specific cluster. What should you do?

- A. Use the command gcloud config set container/cluster dev
- B. Use the command gcloud container clusters update dev
- C. Create a file called gk
- D. default in the ~/.gcloud folder that contains the cluster name
- E. Create a file called default
- F. json in the ~/.gcloud folder that contains the cluster name

Answer: B

NEW QUESTION 123

You deployed an App Engine application using gcloud app deploy, but it did not deploy to the intended project. You want to find out why this happened and where the application deployed. What should you do?

- A. Check the app.yaml file for your application and check project settings.
- B. Check the web-application.xml file for your application and check project settings.
- C. Go to Deployment Manager and review settings for deployment of applications.
- D. Go to Cloud Shell and run gcloud config list to review the Google Cloud configuration used for deployment.

Answer: A

NEW QUESTION 126

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 version
- G. Update the existing managed instance group with the new instance template
- 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 128

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 130

You have 32 GB of data in a single file that you need to upload to a Nearline Storage bucket. The WAN connection you are using is rated at 1 Gbps, and you are the only one on the connection. You want to use as much of the rated 1 Gbps as possible to transfer the file rapidly. How should you upload the file?

- A. Use the GCP Console to transfer the file instead of gsutil.
- B. Enable parallel composite uploads using gsutil on the file transfer.
- C. Decrease the TCP window size on the machine initiating the transfer.
- D. Change the storage class of the bucket from Nearline to Multi-Regional.

Answer: B

NEW QUESTION 133

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

Answer: A

NEW QUESTION 136

&. 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 138

A team of data scientists infrequently needs to use a Google Kubernetes Engine (GKE) cluster that you manage. They require GPUs for some long-running, non-restartable jobs. You want to minimize cost. What should you do?

- A. Enable node auto-provisioning on the GKE cluster.
- B. Create a VerticalPodAutoscaler for those workloads.
- C. Create a node pool with preemptible VMs and GPUs attached to those VMs.
- D. Create a node pool of instances with GPUs, and enable autoscaling on this node pool with a minimum size of 1.

Answer: C

NEW QUESTION 142

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 147

You have an application running in Google Kubernetes Engine (GKE) with cluster autoscaling enabled. The application exposes a TCP endpoint. There are several replicas of this application. You have a Compute Engine instance in the same region, but in another Virtual Private Cloud (VPC), called gce-network, that has no overlapping IP ranges with the first VPC. This instance needs to connect to the application on GKE. You want to minimize effort. What should you do?

- A. 1. In GKE, create a Service of type LoadBalancer that uses the application's Pods as backend.2. Set the service's externalTrafficPolicy to Cluster.3. Configure the Compute Engine instance to use the address of the load balancer that has been created.
- B. 1. In GKE, create a Service of type NodePort that uses the application's Pods as backend.2. Create a Compute Engine instance called proxy with 2 network interfaces, one in each VPC.3. Use iptables on this instance to forward traffic from gce-network to the GKE nodes.4. Configure the Compute Engine instance to use the address of proxy in gce-network as endpoint.
- C. 1. In GKE, create a Service of type LoadBalancer that uses the application's Pods as backend.2. Add an annotation to this service: cloud.google.com/load-balancer-type: Internal3. Peer the two VPCs together.4. Configure the Compute Engine instance to use the address of the load balancer that has been created.
- D. 1. In GKE, create a Service of type LoadBalancer that uses the application's Pods as backend.2. Add a Cloud Armor Security Policy to the load balancer that whitelists the internal IPs of the MIG's instances.3. Configure the Compute Engine instance to use the address of the load balancer that has been created.

Answer: A

NEW QUESTION 151

You are managing several Google Cloud Platform (GCP) projects and need access to all logs for the past 60 days. You want to be able to explore and quickly analyze the log contents. You want to follow Google- recommended practices to obtain the combined logs for all projects. What should you do?

- A. Navigate to Stackdriver Logging and select resource.labels.project_id="**"
- B. Create a Stackdriver Logging Export with a Sink destination to a BigQuery datase
- C. Configure the table expiration to 60 days.
- D. Create a Stackdriver Logging Export with a Sink destination to Cloud Storag
- E. Create a lifecycle rule to delete objects after 60 days.
- F. Configure a Cloud Scheduler job to read from Stackdriver and store the logs in BigQuer
- G. Configure the table expiration to 60 days.

Answer: B

NEW QUESTION 156

You have a Dockerfile that you need to deploy on Kubernetes Engine. What should you do?

- A. Use kubectl app deploy <dockerfilename>.
- B. Use gcloud app deploy <dockerfilename>.
- C. Create a docker image from the Dockerfile and upload it to Container Registr
- D. Create a Deployment YAML file to point to that imag
- E. Use kubectl to create the deployment with that file.
- F. Create a docker image from the Dockerfile and upload it to Cloud Storag
- G. Create a Deployment YAML file to point to that imag
- H. Use kubectl to create the deployment with that file.

Answer: C

NEW QUESTION 161

You are building an application that will run in your data center. The application will use Google Cloud Platform (GCP) services like AutoML. You created a service account that has appropriate access to AutoML. You need to enable authentication to the APIs from your on-premises environment. What should you do?

- A. Use service account credentials in your on-premises application.
- B. Use gcloud to create a key file for the service account that has appropriate permissions.
- C. Set up direct interconnect between your data center and Google Cloud Platform to enable authentication for your on-premises applications.
- D. Go to the IAM & admin console, grant a user account permissions similar to the service account permissions, and use this user account for authentication from your data center.

Answer: B

NEW QUESTION 162

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 165

Your organization has strict requirements to control access to Google Cloud projects. You need to enable your Site Reliability Engineers (SREs) to approve requests from the Google Cloud support team when an SRE opens a support case. You want to follow Google-recommended practices. What should you do?

- A. Add your SREs to roles/iam.roleAdmin role.
- B. Add your SREs to roles/accessapproval approver role.
- C. Add your SREs to a group and then add this group to roles/iam roleAdmin role.
- D. Add your SREs to a group and then add this group to roles/accessapproval approver role.

Answer: A

NEW QUESTION 168

Your organization uses Active Directory (AD) to manage user identities. Each user uses this identity for federated access to various on-premises systems. Your security team has adopted a policy that requires users to log into Google Cloud with their AD identity instead of their own login. You want to follow the Google-recommended practices to implement this policy. What should you do?

- A. Sync Identities with Cloud Directory Sync, and then enable SAML for single sign-on
- B. Sync Identities in the Google Admin console, and then enable Oauth for single sign-on
- C. Sync identities with 3rd party LDAP sync, and then copy passwords to allow simplified login with (he same credentials
- D. Sync identities with Cloud Directory Sync, and then copy passwords to allow simplified login with the same credentials.

Answer: A

NEW QUESTION 172

You are building an application that stores relational data from users. Users across the globe will use this application. Your CTO is concerned about the scaling requirements because the size of the user base is unknown. You need to implement a database solution that can scale with your user growth with minimum configuration changes. Which storage solution should you use?

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

Answer: D

NEW QUESTION 173

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 V
- B. Create your images from that snapshot.
- C. Create a Compute Engine snapshot of your base V
- D. Create your instances from that snapshot.
- E. Create a custom Compute Engine image from a snapsho
- F. Create your images from that image.
- G. Create a custom Compute Engine image from a snapsho
- 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 177

You have been asked to set up Object Lifecycle Management for objects stored in storage buckets. The objects are written once and accessed frequently for 30 days. After 30 days, the objects are not read again unless there is a special need. The object should be kept for three years, and you need to minimize cost. What should you do?

- A. Set up a policy that uses Nearline storage for 30 days and then moves to Archive storage for three years.
- B. Set up a policy that uses Standard storage for 30 days and then moves to Archive storage for three years.
- C. Set up a policy that uses Nearline storage for 30 days, then moves the Coldline for one year, and then moves to Archive storage for two years.
- D. Set up a policy that uses Standard storage for 30 days, then moves to Coldline for one year, and then moves to Archive storage for two years.

Answer: A

NEW QUESTION 180

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 181

You have an application that receives SSL-encrypted TCP traffic on port 443. Clients for this application are located all over the world. You want to minimize latency for the clients. Which load balancing option should you use?

- A. HTTPS Load Balancer
- B. Network Load Balancer
- C. SSL Proxy Load Balancer
- D. Internal TCP/UDP Load Balance
- E. Add a firewall rule allowing ingress traffic from 0.0.0.0/0 on the target instances.

Answer: C

NEW QUESTION 182

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 187

Your organization has a dedicated person who creates and manages all service accounts for Google Cloud projects. You need to assign this person the minimum role for projects. What should you do?

- A. Add the user to roles/iam.roleAdmin role.
- B. Add the user to roles/iam.securityAdmin role.
- C. Add the user to roles/iam.serviceAccountUser role.
- D. Add the user to roles/iam.serviceAccountAdmin role.

Answer: C

NEW QUESTION 191

For analysis purposes, you need to send all the logs from all of your Compute Engine instances to a BigQuery dataset called platform-logs. You have already installed the Stackdriver Logging agent on all the instances. You want to minimize cost. What should you do?

- A. 1. Give the BigQuery Data Editor role on the platform-logs dataset to the service accounts used by your instances. 2. Update your instances' metadata to add the following value: `logs-destination:bq://platform-logs`.
- B. 1. In Stackdriver Logging, create a logs export with a Cloud Pub/Sub topic called logs as a sink. 2. Create a Cloud Function that is triggered by messages in the logs topic. 3. Configure that Cloud Function to drop logs that are not from Compute Engine and to insert Compute Engine logs in the platform-logs dataset.
- C. 1. In Stackdriver Logging, create a filter to view only Compute Engine logs. 2. Click Create Export. 3. Choose BigQuery as Sink Service, and the platform-logs dataset as Sink Destination.
- D. 1. Create a Cloud Function that has the BigQuery User role on the platform-logs dataset. 2. Configure this Cloud Function to create a BigQuery Job that executes this query: `INSERT INTO dataset.platform-logs (timestamp, log) SELECT timestamp, log FROM compute.logs WHERE timestamp > DATE_SUB(CURRENT_DATE(), INTERVAL 1 DAY)`. 3. Use Cloud Scheduler to trigger this Cloud Function once a day.

Answer: C

NEW QUESTION 192

You significantly changed a complex Deployment Manager template and want to confirm that the dependencies of all defined resources are properly met before committing it to the project. You want the most rapid feedback on your changes. What should you do?

- A. Use granular logging statements within a Deployment Manager template authored in Python.
- B. Monitor activity of the Deployment Manager execution on the Stackdriver Logging page of the GCP Console.
- C. Execute the Deployment Manager template against a separate project with the same configuration, and monitor for failures.
- D. Execute the Deployment Manager template using the `--preview` option in the same project, and observe the state of interdependent resources.

Answer: D

NEW QUESTION 195

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 198

You need to create an autoscaling managed instance group for an HTTPS web application. You want to make sure that unhealthy VMs are recreated. What should you do?

- A. Create a health check on port 443 and use that when creating the Managed Instance Group.
- B. Select Multi-Zone instead of Single-Zone when creating the Managed Instance Group.
- C. In the Instance Template, add the label 'health-check'.
- D. In the Instance Template, add a startup script that sends a heartbeat to the metadata server.

Answer: C

NEW QUESTION 201

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 Coldlineclass 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 tor the first of the month Write the backup to an Archive class Cloud Storage bucket

Answer: A

NEW QUESTION 206

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 208

Your company has a single sign-on (SSO) identity provider that supports Security Assertion Markup Language (SAML) integration with service providers. Your company has users in Cloud Identity. You would like users to authenticate using your company's SSO provider. What should you do?

- A. In Cloud Identity, set up SSO with Google as an identity provider to access custom SAML apps.
- B. In Cloud Identity, set up SSO with a third-party identity provider with Google as a service provider.
- C. Obtain OAuth 2.0 credentials, configure the user consent screen, and set up OAuth 2.0 for Mobile & Desktop Apps.
- D. Obtain OAuth 2.0 credentials, configure the user consent screen, and set up OAuth 2.0 for Web Server Applications.

Answer: C

NEW QUESTION 211

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 215

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