

Latest Version: 6.0

Question: 1

You created an update for your application on App Engine. You want to deploy the update without impacting your users. You want to be able to roll back as quickly as possible if it fails. What should you do?

Response:

- A. Delete the current version of your application. Deploy the update using the same version identifier as the deleted version.
- B. Notify your users of an upcoming maintenance window. Deploy the update in that maintenance window.
- C. Deploy the update as the same version that is currently running.
- D. Deploy the update as a new version. Migrate traffic from the current version to the new version.

Answer: D

Question: 2

You have a definition for an instance template that contains a web application. You are asked to deploy the application so that it can scale based on the HTTP traffic it receives. What should you do?

Response:

- A. Create a VM from the instance template. Create a custom image from the VM's disk. Export the image to Cloud Storage. Create an HTTP load balancer and add the Cloud Storage bucket as its backend service.
- B. Create a VM from the instance template. Create an App Engine application in Automatic Scaling mode that forwards all traffic to the VM.
- C. Create a managed instance group based on the instance template. Configure autoscaling based on HTTP traffic and configure the instance group as the backend service of an HTTP load balancer.
- D. Create the necessary amount of instances required for peak user traffic based on the instance template. Create an unmanaged instance group and add the instances to that instance group. Configure the instance group as the Backend Service of an HTTP load balancer.

Answer: C

Question: 3

You have created a Kubernetes deployment, called Deployment-A, with 3 replicas on your cluster. Another deployment, called Deployment-B, needs access to Deployment-A.

You cannot expose Deployment-A outside of the cluster. What should you do?

Response:

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

Answer: D

Question: 4

Stackdriver is used for what operations on Kubernetes clusters?

Response:

- A. Notifications only
- B. Monitoring and notifications only
- C. Logging only
- D. Notifications, monitoring, and logging

Answer: D

Question: 5

Cloud Memorystore allows for region configurable memory up to what size?

Response:

- A. 100GB
- B. 50GB
- C. 1TB
- D. 300GB

Answer: D

Question: 6

You have a Kubernetes cluster with 1 node-pool. The cluster receives a lot of traffic and needs to grow. You decide to add a node. What should you do?

Response:

- A. Use "gcloud container clusters resize" with the desired number of nodes.
- B. Use "kubectl container clusters resize" with the desired number of nodes.
- C. Edit the managed instance group of the cluster and increase the number of VMs by 1.
- D. Edit the managed instance group of the cluster and enable autoscaling.

Answer: A

Question: 7

You need to estimate the annual cost of running a Bigquery query that is scheduled to run nightly. What should you do?

Response:

- A. Use "gcloud query --dry_run" to determine the number of bytes read by the query. Use this number in the Pricing Calculator.
- B. Use "bq query --dry_run" to determine the number of bytes read by the query. Use this number in the Pricing Calculator.
- C. Use "gcloud estimate" to determine the amount billed for a single query. Multiply this amount by 365.
- D. Use "bq estimate" to determine the amount billed for a single query. Multiply this amount by 365.

Answer: B

Question: 8

You want to find out who in your organization has Owner access to a project called "my-project". What should you do?

Response:

- A. In the Google Cloud Platform Console, go to the IAM page for your organization and apply the filter "Role:Owner".
- B. In the Google Cloud Platform Console, go to the IAM page for your project and apply the filter "Role:Owner".
- C. Use "gcloudiam list-grantable-role --project my-project" from your Terminal.
- D. Use "gcloudiam list-grantable-role" from Cloud Shell on the project page.

Answer: B

Question: 9

Which of the following are included as preconfigured global resources on GCP?

Response:

- A. Servers
- B. Disk images
- C. Disk snapshots
- D. Networks

Answer: BCD

Question: 10

In order for a health check to run properly, what condition must be met?

Response:

- A. The load balancer and backend configuration must match the health check configuration.
- B. The load balancer must match the health check configuration.
- C. The backend configuration must match the health check configuration.
- D. There are no prerequisites for a health check.

Answer: A