**Google Cloud Certified – Associate Cloud Engineer**

**QUESTION 1**

Every employee of your company has a Google account. Your operational team needs to manage a large number of instances on Compute Engine. Each member of this team needs only administrative access to the servers. Your security team wants to ensure that the deployment of credentials is operationally efficient and must be able to determine who accessed a given instance. What should you do?

贵公司的每位员工都有一个 Google 帐户。您的运营团队需要管理 Compute Engine 上的大量实例。此团队的每个成员只需要对服务器的管理访问权限。您的安全团队希望确保凭据的部署在作上是高效的，并且必须能够确定谁访问了给定实例。你该怎么办？

1. Generate a new SSH key pair. Give the private key to each member of your team. Configure the public key in the metadata of each instance.
2. Ask each member of the team to generate a new SSH key pair and to send you their public key. Use a configuration management tool to deploy those keys on each instance.
3. Ask each member of the team to generate a new SSH key pair and to add the public key to their Google account. Grant the “compute.osAdminLogin” role to the Google group corresponding to this team.
4. Generate a new SSH key pair. Give the private key to each member of your team. Configure the public key as a project-wide public SSH key in your Cloud Platform project and allow project-wide public SSH keys on each instance.

**QUESTION 2**

You need to create a custom VPC with a single subnet. The subnet’s range must be as large as possible. Which range should you use?

您需要创建一个具有单个子网的自定义VPC。子网的范围必须尽可能大。你应该使用哪个范围？

1. 0.0.0.0/0
2. 10.0.0.0/8
3. 172.16.0.0/12
4. 192.168.0.0/16

**QUESTION 3**

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 pointin-time recovery. What should you do?

您希望在Google Cloud Platform上为关系数据选择并配置经济高效的解决方案。您正在一个地理位置处理一小部分操作数据。你需要支持时间点恢复。你该怎么办？

1. Select Cloud SQL (MySQL). Verify that the enable binary logging option is selected.
2. Select Cloud SQL (MySQL). Select the create failover replicas option.
3. Select Cloud Spanner. Set up your instance with 2 nodes.
4. Select Cloud Spanner. Set up your instance as multi-regional.

**QUESTION 4**

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?

您希望使用尽可能少的步骤为在多个区域中运行的一组计算引擎实例配置网络负载平衡的自动修复。如果VM在每次10秒的3次尝试后没有响应，您需要配置重新创建VM。你该怎么办？

1. Create an HTTP load balancer with a backend configuration that references an existing instance group. Set the health check to healthy (HTTP)
2. 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.
3. Create a managed instance group. Set the Autohealing health check to healthy (HTTP)
4. Create a managed instance group. Verify that the autoscaling setting is on.

**QUESTION 5**

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?

您正在为gcloud使用多种配置。您希望使用尽可能少的步骤查看已配置的非活动配置的Kubernetes Engine集群。你该怎么办？

1. Use gcloud config configurations describe to review the output.
2. Use gcloud config configurations activate and gcloud config list to review the output.
3. Use kubectl config get-contexts to review the output.
4. Use kubectl config use-context and kubectl config view to review the output.

**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?

贵公司使用云存储来存储应用程序备份文件，以用于灾难恢复。你想遵循谷歌推荐的做法。您应该使用哪种存储选项？

1. Multi-Regional Storage
2. Regional Storage
3. Nearline Storage
4. Coldline Storage