

Google Professional-Cloud-Architect Valid Exam Syllabus | Professional-Cloud-Architect Free Download



BONUS!!! Download part of PassTestking Professional-Cloud-Architect dumps for free: https://drive.google.com/open?id=1M_sEe5IpEmqWPq2SUcA8AVXiDBNK_2Tz

Did you have bad purchase experience that after your payment your emails get no reply, your contacts with the site become useless? Stop pursuing cheap and low-price Professional-Cloud-Architect test simulations. You get what you pay for. You may think that these electronic files don't have much cost. In fact, If you want to release valid & latest Google Professional-Cloud-Architect test simulations, you need to get first-hand information, we spend a lot of money to maintain and development good relationship, we well-paid hire experienced education experts. We believe high quality of Professional-Cloud-Architect test simulations is the basement of enterprise's survival.

In today's world, the Professional-Cloud-Architect certification exam has become increasingly popular, providing professionals with the opportunity to upskill and stay competitive in the tech industry. At PassTestking, we understand the importance of obtaining the Google Professional-Cloud-Architect Certification in the Google sector, where technological advancements constantly evolving.

>> **Google Professional-Cloud-Architect Valid Exam Syllabus** <<

Professional-Cloud-Architect Free Download, Professional-Cloud-Architect Exam Tips

We can promise that we are going to provide you with 24-hours online efficient service after you buy our Google Certified Professional - Cloud Architect (GCP) guide torrent. If you purchase our Professional-Cloud-Architect test guide, we are going to answer your question immediately, because we hope that we can help you solve your problem about our Professional-Cloud-Architect exam questions in the shortest time. We can promise that our online workers will be online every day. If you buy our Professional-Cloud-Architect Test Guide, we can make sure that we will offer you help in the process of using our Professional-Cloud-Architect exam questions. You will have the opportunity to enjoy the best service from our company.

Google Certified Professional - Cloud Architect (GCP) Sample Questions (Q99-Q104):

NEW QUESTION # 99

Your company is running its application workloads on Compute Engine. The applications have been deployed in production, acceptance, and development environments. The production environment is business-critical and is used 24/7, while the acceptance and development environments are only critical during office hours.

Your CFO has asked you to optimize these environments to achieve cost savings during idle times. What should you do?

- A. Deploy the development and acceptance applications on a managed instance group and enable autoscaling.

- B. Use Cloud Scheduler to trigger a Cloud Function that will stop the development and acceptance environments after office hours and start them just before office hours.
- **C. Use regular Compute Engine instances for the production environment, and use preemptible VMs for the acceptance and development environments.**
- D. Create a shell script that uses the gcloud command to change the machine type of the development and acceptance instances to a smaller machine type outside of office hours. Schedule the shell script on one of the production instances to automate the task.

Answer: C

Explanation:

Reference: <https://cloud.google.com/blog/products/it-ops/best-practices-for-optimizing-your-cloud-costs>

NEW QUESTION # 100

For this question, refer to the TerramEarth case study

Your development team has created a structured API to retrieve vehicle data. They want to allow third parties to develop tools for dealerships that use this vehicle event data. You want to support delegated authorization against this data. What should you do?

- A. Create secondary credentials for each dealer that can be given to the trusted third party.
- **B. Build or leverage an OAuth-compatible access control system**
- C. Restrict data access based on the source IP address of the partner systems.
- D. Build SAML 2.0 SSO compatibility into your authentication system.

Answer: B

Explanation:

Delegate application authorization with OAuth2

Cloud Platform APIs support OAuth 2.0, and scopes provide granular authorization over the methods that are supported. Cloud Platform supports both service-account and user-account OAuth, also called three-legged OAuth.

References: https://cloud.google.com/docs/enterprise/best-practices-for-enterprise-organizations#delegate_application_authorization_with_oauth2

<https://cloud.google.com/appengine/docs/flexible/go/authorizing-apps>

Reference:

<https://cloud.google.com/appengine/docs/flexible/go/authorizing-apps>

https://cloud.google.com/docs/enterprise/best-practices-for-enterprise-organizations#delegate_application_authorization_with_oauth2

NEW QUESTION # 101

For this question, refer to the TerramEarth case study. You are asked to design a new architecture for the ingestion of the data of the 200,000 vehicles that are connected to a cellular network. You want to follow Google-recommended practices.

Considering the technical requirements, which components should you use for the ingestion of the data?

- **A. Google Kubernetes Engine with an SSL Ingress**
- B. Compute Engine with project-wide SSH keys
- C. Cloud IoT Core with public/private key pairs
- D. Compute Engine with specific SSH keys

Answer: A

Explanation:

Explanation/Reference:

Dress4Win, A

Testlet 1

Company Overview

Dress4win is a web-based company that helps their users organize and manage their personal wardrobe using a website and mobile application. The company also cultivates an active social network that connects their users with designers and retailers. They monetize their services through advertising, e-commerce, referrals, and a premium app model.

Company Background

Dress4win's application has grown from a few servers in the founder's garage to several hundred servers and appliances in a

collocated data center. However, the capacity of their infrastructure is now insufficient for the application's rapid growth. Because of this growth and the company's desire to innovate faster, Dress4win is committing to a full migration to a public cloud.

Solution Concept

For the first phase of their migration to the cloud, Dress4win is considering moving their development and test environments. They are also considering building a disaster recovery site, because their current infrastructure is at a single location. They are not sure which components of their architecture they can migrate as is and which components they need to change before migrating them.

Existing Technical Environment

The Dress4win application is served out of a single data center location.

* Databases:

- MySQL - user data, inventory, static data
- Redis - metadata, social graph, caching

* Application servers:

- Tomcat - Java micro-services
- Nginx - static content
- Apache Beam - Batch processing

* Storage appliances:

- iSCSI for VM hosts
- Fiber channel SAN - MySQL databases
- NAS - image storage, logs, backups

* Apache Hadoop/Spark servers:

- Data analysis
- Real-time trending calculations

* MQ servers:

- Messaging
- Social notifications
- Events

* Miscellaneous servers:

- Jenkins, monitoring, bastion hosts, security scanners

Business Requirements

- * Build a reliable and reproducible environment with scaled parity of production.
- * Improve security by defining and adhering to a set of security and Identity and Access Management (IAM) best practices for cloud.
- * Improve business agility and speed of innovation through rapid provisioning of new resources.
- * Analyze and optimize architecture for performance in the cloud.
- * Migrate fully to the cloud if all other requirements are met.

Technical Requirements

- * Evaluate and choose an automation framework for provisioning resources in cloud.
- * Support failover of the production environment to cloud during an emergency.
- * Identify production services that can migrate to cloud to save capacity.
- * Use managed services whenever possible.
- * Encrypt data on the wire and at rest.
- * Support multiple VPN connections between the production data center and cloud environment.

CEO Statement

Our investors are concerned about our ability to scale and contain costs with our current infrastructure. They are also concerned that a new competitor could use a public cloud platform to offset their up-front investment and freeing them to focus on developing better features.

CTO Statement

We have invested heavily in the current infrastructure, but much of the equipment is approaching the end of its useful life. We are consistently waiting weeks for new gear to be racked before we can start new projects. Our traffic patterns are highest in the mornings and weekend evenings; during other times, 80% of our capacity is sitting idle.

CFO Statement

Our capital expenditure is now exceeding our quarterly projections. Migrating to the cloud will likely cause an initial increase in spending, but we expect to fully transition before our next hardware refresh cycle. Our total cost of ownership (TCO) analysis over the next 5 years puts a cloud strategy between 30 to 50% lower than our current model.

NEW QUESTION # 102

You are designing a large distributed application with 30 microservices. Each of your distributed microservices needs to connect to a database back-end. You want to store the credentials securely.

Where should you store the credentials?

- A. In the source code
- **B. In a secret management system**
- C. In an environment variable
- D. In a config file that has restricted access through ACLs

Answer: B

Explanation:

A is not correct because storing credentials in source code and source control is discoverable, in plain text, by anyone with access to the source code. This also introduces the requirement to update code and do a deployment each time the credentials are rotated.

B is not correct because consistently populating environment variables would require the credentials to be available, in plain text, when the session is started.

C is correct because key management systems generate, use, rotate, encrypt, and destroy cryptographic keys and manage permissions to those keys.

D is not correct because instead of managing access to the config file and updating manually as keys are rotated, it would be better to leverage a key management system. Additionally, there is increased risk if the config file contains the credentials in plain text.

<https://cloud.google.com/kms/>

NEW QUESTION # 103

You are building a continuous deployment pipeline for a project stored in a Git source repository and want to ensure that code changes can be verified deploying to production. What should you do?

- A. Use Jenkins to build the staging branches and the master branch. Build and deploy changes to production for 10% of users before doing a complete rollout.
- B. Use Spinnaker to deploy builds to production using the red/black deployment strategy so that changes can easily be rolled back.
- **C. Use Jenkins to monitor tags in the repository. Deploy staging tags to a staging environment for testing. After testing, tag the repository for production and deploy that to the production environment.**
- D. Use Spinnaker to deploy builds to production and run tests on production deployments.

Answer: C

Explanation:

Reference: <https://github.com/GoogleCloudPlatform/continuous-deployment-on-kubernetes/blob/master/README.md>

NEW QUESTION # 104

.....

Students are worried about whether the Professional-Cloud-Architect practice materials they have purchased can help them pass the exam and obtain a certificate. They often encounter situations in which the materials do not match the contents of the exam that make them waste a lot of time and effort. But with Professional-Cloud-Architect exam dump, you do not need to worry about similar problems. Because our study material is prepared strictly according to the exam outline by industry experts, whose purpose is to help students pass the exam smoothly. As the authoritative provider of Professional-Cloud-Architect Test Guide, we always pursue high passing rates compared with our peers to gain more attention from potential customers. In order to gain the trust of new customers, Professional-Cloud-Architect practice materials provide 100% pass rate guarantee for all purchasers. We have full confidence that you can successfully pass the exam as long as you practice according to the content provided by Professional-Cloud-Architect exam dump. Of course, if you fail to pass the exam, we will give you a 100% full refund.

Professional-Cloud-Architect Free Download: <https://www.passtesting.com/Google/Professional-Cloud-Architect-practice-exam-dumps.html>

So our Professional-Cloud-Architect certification tool is the boutique among the same kinds of the Professional-Cloud-Architect study materials, Google Professional-Cloud-Architect Valid Exam Syllabus The society warmly welcomes struggling people, We guarantee that our actual Google Certified Professional - Cloud Architect (GCP) (Professional-Cloud-Architect) questions will be enough for you to prepare successfully for the Google Certified Professional - Cloud Architect (GCP) (Professional-Cloud-Architect) examination, The Professional-Cloud-Architect dumps PDF provides you with everything that you must need in Google Professional-Cloud-Architect exam preparation and enable you to crack the final Google Professional-Cloud-Architect exam quickly.

