

Google Professional-Cloud-Architect Online Test & Professional-Cloud-Architect Demotesten



2025 Die neuesten PrüfungFrage Professional-Cloud-Architect PDF- Versionen Prüfungsfragen und Professional-Cloud-Architect Fragen und Antworten sind kostenlos verfügbar: https://drive.google.com/open?id=1WuapSBFYAx8WAARE9cEkTfEb_bsXNpdy

Möchten Sie in kurzer Zeit die Professional-Cloud-Architect Google Zertifizierungsprüfung bestehen? Unser PrüfungFrage bietet Ihnen die Testfragen und Antworten zur Google Professional-Cloud-Architect Zertifizierung, die von den IT-Experten durch Experimente und Praxis erhalten werden und über IT-Zertifizierungserfahrungen über 10 Jahre verfügt. Außerdem gewährt unser PrüfungFrage Ihnen die vollständigsten Zertifizierungskriterien sowie Ausbildungsmethoden. Die Ergebnisse von unseren Kunden haben bewiesen, dass die Genauigkeit der Google Professional-Cloud-Architect Zertifizierung 100% beträgt! Wenn Sie irgendeine Frage über die Professional-Cloud-Architect Prüfung haben, werden wir so schnell wie möglich beantworten.

Die Google Professional-Cloud-Architect Zertifizierungsprüfung ist eine sehr begehrte Referenz für IT-Fachleute, die sich auf Cloud-Architektur spezialisiert haben. Diese Zertifizierung soll die Fähigkeiten und Kenntnisse eines Kandidaten in der Gestaltung, Entwicklung und Verwaltung skalierbarer und zuverlässiger Cloud-Lösungen mit Google Cloud Platform (GCP) validieren.

Die Zertifizierungsprüfung für Professional Professional Professional Cloud-Architect (Google Certified Professional-Cloud Architect (GCP)) ist eine wertvolle Zertifizierung für Fachkräfte, die ihr Know-how zum Entwerfen und Bereitstellen sicherer, skalierbarer und hochverhältnlicher Cloud-Lösungen mit GCP-Technologien demonstrieren möchten. Die Zertifizierungsprüfung deckt eine Reihe von Themen wie Cloud -Architektur, Infrastruktur, Sicherheit, Datenspeicherung, Netzwerk und Anwendungsentwicklung ab. Das Bestehen der Prüfung kann neue Beschäftigungsmöglichkeiten und höhere Gehälter für Einzelpersonen eröffnen.

>> Google Professional-Cloud-Architect Online Test <<

Professional-Cloud-Architect Demotesten & Professional-Cloud-Architect Zertifizierungsantworten

Wenn Sie über begrenztes Budget verfügen, möchten aber ein vollständiges Wert-Paket haben, können Sie mal die Fragenkataloge zur Google Professional-Cloud-Architect Zertifizierungsprüfung von PrüfungFrage probieren. Sie sind nicht nur preiswert und präzise, sondern auch sehr leicht zu verstehen. Sie sind geeignet für alle Arten von Lernenden. Wenn Sie die Fragenkataloge zur Google Professional-Cloud-Architect Zertifizierungsprüfung von PrüfungFrage wählen, können Sie einjährige Aktualisierung kostenlos genießen.

Der Google Certified Professional Cloud-Architect (GCP) ist eine Zertifizierungsprüfung, mit der das Wissen und die Fähigkeiten von Fachleuten im Bereich der Cloud-Architektur geprüft werden sollen. Die Prüfung wurde speziell entwickelt, um die Fähigkeit eines Kandidaten zu bewerten, sichere, skalierbare und hoch verfügbare Cloud-basierte Lösungen mithilfe von GCP-Technologien (Google Cloud Platform) zu entwerfen, zu entwickeln und zu verwalten.

Google Certified Professional - Cloud Architect (GCP) Professional-Cloud-Architect Prüfungsfragen mit Lösungen (Q256-Q261):

256. Frage

You need to deploy an application to Google Cloud. The application receives traffic via TCP and reads and writes data to the filesystem. The application does not support horizontal scaling. The application process requires full control over the data on the file system because concurrent access causes corruption. The business is willing to accept a downtime when an incident occurs, but the application must be available 24/7 to support their business operations. You need to design the architecture of this application on Google Cloud.

What should you do?

- **A. Use an unmanaged instance group with an active and standby instance in different zones, use a regional persistent disk, and use a network load balancer in front of the instances.**
- B. Use a managed instance group with instances in multiple zones, use Cloud Filestore, and use an HTTP load balancer in front of the instances.
- C. Use an unmanaged instance group with an active and standby instance in different zones, use a regional persistent disk, and use an HTTP load balancer in front of the instances.
- D. Use a managed instance group with instances in multiple zones, use Cloud Filestore, and use a network load balancer in front of the instances.

Antwort: A

257. Frage

A lead software engineer tells you that his new application design uses websockets and HTTP sessions that are not distributed across the web servers. You want to help him ensure his application will run properly on Google Cloud Platform.

What should you do?

- **A. Meet with the cloud operations team and the engineer to discuss load balancer options**
- B. Help the engineer to convert his websocket code to use HTTP streaming
- C. Review the encryption requirements for websocket connections with the security team
- D. Help the engineer redesign the application to use a distributed user session service that does not rely on websockets and HTTP sessions.

Antwort: A

Begründung:

Explanation/Reference:

Explanation:

Google Cloud Platform (GCP) HTTP(S) load balancing provides global load balancing for HTTP(S) requests destined for your instances.

The HTTP(S) load balancer has native support for the WebSocket protocol.

Incorrect Answers:

A: HTTP server push, also known as HTTP streaming, is a client-server communication pattern that sends information from an HTTP server to a client asynchronously, without a client request. A server push architecture is especially effective for highly interactive web or mobile applications, where one or more clients need to receive continuous information from the server.

References: <https://cloud.google.com/compute/docs/load-balancing/http/>

258. Frage

You have been asked to select the storage system for the click-data of your company's large portfolio of websites. This data is streamed in from a custom website analytics package at a typical rate of 6,000 clicks per minute, with bursts of up to 8,500 clicks per second. It must be stored for future analysis by your data science and user experience teams. Which storage infrastructure should you choose?

- A. Google Cloud Storage
- B. Google cloud Datastore
- C. Google Cloud SQL
- **D. Google Cloud Bigtable**

Antwort: D

Begründung:

Google Cloud Bigtable is a scalable, fully-managed NoSQL wide-column database that is suitable for both real-time access and analytics workloads.

Good for:

Low-latency read/write access



High-throughput analytics



Native time series support



Common workloads:

IoT, finance, adtech



Personalization, recommendations



Monitoring



Geospatial datasets



Graphs



Incorrect Answers:

C: Google Cloud Storage is a scalable, fully-managed, highly reliable, and cost-efficient object / blob store.

Is good for:

Images, pictures, and videos



Objects and blobs



Unstructured data



D: Google Cloud Datastore is a scalable, fully-managed NoSQL document database for your web and mobile applications.

Is good for:

Semi-structured application data



Hierarchical data



Durable key-value data



Common workloads:



User profiles



Product catalogs



Game state



References: <https://cloud.google.com/storage-options/>

259. Frage

Case Study: 5 - Dress4win

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 freemium app model. The 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 moving their development and test environments. They are also 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. All servers run Ubuntu LTS v16.04.

Databases:

MySQL. 1 server for user data, inventory, static data:

- * - MySQL 5.8
- 8 core CPUs
- 128 GB of RAM
- 2x 5 TB HDD (RAID 1)

Redis 3 server cluster for metadata, social graph, caching. Each server is:

- * - Redis 3.2

- 4 core CPUs
- 32GB of RAM

Compute:

40 Web Application servers providing micro-services based APIs and static content.

- * - Tomcat - Java
- Nginx
- 4 core CPUs
- 32 GB of RAM

20 Apache Hadoop/Spark servers:

- * - Data analysis
- Real-time trending calculations
- 8 core CPUs
- 128 GB of RAM
- 4x 5 TB HDD (RAID 1)

3 RabbitMQ servers for messaging, social notifications, and events:

- * - 8 core CPUs
- 32GB of RAM

Miscellaneous servers:

- * - Jenkins, monitoring, bastion hosts, security scanners
- 8 core CPUs
- 32GB of RAM

Storage appliances:

iSCSI for VM hosts

- * Fiber channel SAN - MySQL databases
- * - 1 PB total storage; 400 TB available

NAS - image storage, logs, backups

- * - 100 TB total storage; 35 TB available

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.
- * Technical Requirements

Easily create non-production environment in the cloud.

- * Implement an automation framework for provisioning resources in cloud.
- * Implement a continuous deployment process for deploying applications to the on-premises datacenter or cloud.

Support failover of the production environment to cloud during an emergency.

- * Encrypt data on the wire and at rest.
- * Support multiple private connections between the production data center and cloud environment.

Executive Statement

Our investors are concerned about our ability to scale and contain costs with our current infrastructure. They are also concerned that a competitor could use a public cloud platform to offset their up-front investment and free them to focus on developing better features. Our traffic patterns are highest in the mornings and weekend evenings; during other times, 80% of our capacity is sitting idle.

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 for a public cloud strategy achieves a cost reduction between 30% and 50% over our current model.

For this question, refer to the Dress4Win case study. You are responsible for the security of data stored in Cloud Storage for your company, Dress4Win. You have already created a set of Google Groups and assigned the appropriate users to those groups. You should use Google best practices and implement the simplest design to meet the requirements.

Considering Dress4Win's business and technical requirements, what should you do?

- A. Assign custom IAM roles to the Google Groups you created in order to enforce security requirements. Encrypt data with a customer-supplied encryption key when storing files in Cloud Storage.
- B. Assign predefined IAM roles to the Google Groups you created in order to enforce security requirements. Ensure that the default Cloud KMS key is set before storing files in Cloud Storage.
- C. Assign predefined IAM roles to the Google Groups you created in order to enforce security requirements. Utilize Google's default encryption at rest when storing files in Cloud Storage.

- D. Assign custom IAM roles to the Google Groups you created in order to enforce security requirements. Enable default storage encryption before storing files in Cloud Storage.

Antwort: A

260. Frage

Your web application must comply with the requirements of the European Union's General Data Protection Regulation (GDPR). You are responsible for the technical architecture of your web application. What should you do?

- A. Ensure that your web application only uses native features and services of Google Cloud Platform, because Google already has various certifications and provides "pass-on" compliance when you use native features.
- B. Ensure that Cloud Security Scanner is part of your test planning strategy in order to pick up any compliance gaps.
- C. Enable the relevant GDPR compliance setting within the GCP Console for each of the services in use within your application.
- **D. Define a design for the security of data in your web application that meets GDPR requirements.**

Antwort: D

Begründung:

Reference: <https://www.mobiloud.com/blog/gdpr-compliant-mobile-app/>

261. Frage

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