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To prepare for the Professional-Cloud-Security-Engineer Certification Exam, Google offers a variety of training resources such as online courses, practice tests, and certification guides. Additionally, Google recommends having hands-on experience with Google Cloud Platform and familiarity with the relevant concepts and objectives of the certification exam. Google also offers a community platform where individuals can interact with other professionals, share their knowledge, and learn from the experiences of others.

The Google Professional Cloud Security Engineer exam is targeted towards IT professionals who are responsible for designing and implementing secure infrastructures on the Google Cloud Platform. Through mastery of industry-specific security requirements, accredited individuals will demonstrate their competency in designing, developing, and managing secure infrastructure using Google security technologies.

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According to different kinds of questionnaires based on study condition among different age groups, our Professional-Cloud-Security-Engineer test prep is totally designed for these study groups to improve their capability and efficiency when preparing for Google Cloud Certified - Professional Cloud Security Engineer Exam Professional-Cloud-Security-Engineer Exams, thus inspiring them obtain the targeted Google Professional-Cloud-Security-Engineer certificate successfully.

To pass the exam, individuals must demonstrate a deep understanding of Google Cloud security tools and techniques, including identity and access management, network security, data encryption, and compliance. They must also be able to design and implement security solutions that are tailored to specific organizational needs, and be able to monitor and troubleshoot these solutions to ensure ongoing security and compliance.

Google Cloud Certified - Professional Cloud Security Engineer Exam Sample Questions (Q77-Q82):

NEW QUESTION # 77
You need to connect your organization's on-premises network with an existing Google Cloud environment that includes one Shared

VPC with two subnets named Production and Non-Production. You are required to:
Use a private transport link.
Configure access to Google Cloud APIs through private API endpoints originating from on-premises environments.
Ensure that Google Cloud APIs are only consumed via VPC Service Controls.
What should you do?

- A. 1. Set up a Direct Peering link between the on-premises environment and Google Cloud.
  2. Configure private access for both VPC subnets.
- B. 1. Set up a Partner Interconnect link between the on-premises environment and Google Cloud.
  2. Configure private access using the private.googleapis.com domains in on-premises DNS configurations.
- C. 1. Set up a Dedicated Interconnect link between the on-premises environment and Google Cloud.
  2. Configure private access using the restricted.googleapis.com domains in on-premises DNS configurations.
- D. 1. Set up a Cloud VPN link between the on-premises environment and Google Cloud.
  2. Configure private access using the restricted googleapis.com domains in on-premises DNS configurations.

Answer: C

Explanation:
* Set up a Dedicated Interconnect link between the on-premises environment and Google Cloud:
* Dedicated Interconnect provides a direct physical connection between your on-premises network and Google's network, which is ideal for high-throughput, low-latency connections.
* Request a Dedicated Interconnect from the Google Cloud Console, specifying the required bandwidth and location.
* Once provisioned, set up the connection on your on-premises router and configure the BGP sessions to exchange routes with Google Cloud.
* Configure private access using the restricted.googleapis.com domains in on-premises DNS configurations:
* Configure your on-premises DNS server to resolve Google APIs to restricted.googleapis.com.
This ensures that the traffic stays within the Google network and is not exposed to the public internet.
* Update your DNS settings to use restricted.googleapis.com for the necessary API endpoints.
* This setup ensures that all Google Cloud API traffic is routed through the private link and subject to VPC Service Controls for additional security and compliance.
References:
* Dedicated Interconnect Overview
* Configuring DNS to use restricted.googleapis.com

NEW QUESTION # 78
Your organization must follow the Payment Card Industry Data Security Standard (PCI DSS). To prepare for an audit, you must detect deviations at an infrastructure-as-a-service level in your Google Cloud landing zone.
What should you do?

- A. Activate Security Command Center Premium. Use the Compliance Monitoring product to filter findings that may not be PCI DSS compliant.
- B. Use the Google Cloud Compliance Reports Manager to download the latest version of the PCI DSS report. Analyze the report to detect deviations.
- C. Create a data profile covering all payment-relevant data types. Configure Data Discovery and a risk analysis job in Google Cloud Sensitive Data Protection to analyze findings.
- D. Create an Assured Workloads folder in your Google Cloud organization. Migrate existing projects into the folder and monitor for deviations in the PCI DSS.

Answer: A

Explanation:
To ensure compliance with the Payment Card Industry Data Security Standard (PCI DSS) at the infrastructure- as-a-service (IaaS) level within Google Cloud, it's essential to have continuous monitoring and assessment tools that can detect deviations from compliance requirements.
* Option A: Creating data profiles and configuring Data Discovery jobs in Google Cloud Sensitive Data Protection focuses on identifying and analyzing sensitive data but does not directly address infrastructure compliance monitoring.
* Option B: Downloading the latest PCI DSS report from the Compliance Reports Manager provides a static compliance report but does not offer real-time detection of deviations within your specific environment.
* Option C: Utilizing Assured Workloads helps in creating environments that meet specific compliance requirements, but migrating existing projects into such folders does not actively detect deviations; it primarily ensures that new workloads comply with

predefined policies.
* Option D: Activating Security Command Center (SCC) Premium and leveraging its Compliance Monitoring capabilities allows for continuous assessment of your Google Cloud environment against PCI DSS requirements. SCC can identify misconfigurations, vulnerabilities, and compliance violations in real-time, providing actionable insights to address any issues promptly.
Therefore, Option D is the most effective approach to detect deviations at the IaaS level in preparation for a PCI DSS audit.
References:
* Security Command Center Overview
* Security Command Center Compliance Monitoring

NEW QUESTION # 79
Your organization must store highly sensitive data within Google Cloud. You need to design a solution that provides the strongest level of security and control. What should you do?

- A. Use Cloud Storage with client-side encryption, Cloud KMS for key management, and Cloud HSM for cryptographic operations.
- B. Use Cloud Storage with server-side encryption, BigQuery with column-level encryption, and IAM roles for access control.
- C. Use Cloud Storage with customer-supplied encryption keys (CSEK), VPC Service Controls for network isolation, and Cloud DLP for data inspection.
- D. Use Cloud Storage with customer-managed encryption keys (CMEK), Cloud DLP for data classification, and Secret Manager for storing API access tokens.

Answer: A

Explanation:
A more suitable option would involve using Cloud HSMs in conjunction with other strong security measures such as CMEKs and Cloud DLP.

NEW QUESTION # 80
A customer needs to prevent attackers from hijacking their domain/IP and redirecting users to a malicious site through a man-in-the-middle attack.
Which solution should this customer use?

- A. Cloud Armor
- B. VPC Flow Logs
- C. Cloud Identity-Aware Proxy
- D. DNS Security Extensions

Answer: D

Explanation:
DNSSEC - use a DNS registrar that supports DNSSEC, and enable it. DNSSEC digitally signs DNS communication, making it more difficult (but not impossible) for hackers to intercept and spoof. Domain Name System Security Extensions (DNSSEC) adds security to the Domain Name System (DNS) protocol by enabling DNS responses to be validated. Having a trustworthy Domain Name System (DNS) that translates a domain name like www.example.com into its associated IP address is an increasingly important building block of today's web-based applications. Attackers can hijack this process of domain/IP lookup and redirect users to a malicious site through DNS hijacking and man-in-the-middle attacks. DNSSEC helps mitigate the risk of such attacks by cryptographically signing DNS records. As a result, it prevents attackers from issuing fake DNS responses that may misdirect browsers to nefarious websites. https://cloud.google.com/blog
/products/gcp/dnssec-now-available-in-cloud-dns

NEW QUESTION # 81
Your organization uses Google Cloud to process large amounts of location data for analysis and visualization. The location data is potentially sensitive. You must design a solution that allows storing and processing the location data securely, minimizing data exposure risks, and adhering to both regulatory guidelines and your organization's internal data residency policies. What should you do?

- A. Use the Cloud Data Loss Prevention (Cloud DLP) API to scan for sensitive location data before any storage or

processing. Create Cloud Storage buckets with global availability for optimal performance, relying on Cloud DLP results to filter and control data access.
- B. Store data within BigQuery in a specified region by using dataset location configuration. Use authorized views and row-level security to enforce geographic access restrictions. Encrypt data within BigQuery tables by using customer-managed encryption keys (CMEK).
- C. Create regional Cloud Storage buckets with Object Lifecycle Management policies that limit data lifetime. Enable fine-grained access controls by using IAM conditions. Encrypt data with customer- managed encryption keys (CMEK) generated within specific Cloud KMS key locations.
- D. Enable location restrictions on Compute Engine instances and virtual disk resources where the data is handled. Apply labels to tag geographic metadata for all stored data.

Answer: B

NEW QUESTION # 82
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myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, shangjiaw.cookeji.com, www.stes.tyc.edu.tw, academy.rankspro.io, writeablog.net, Disposable vapes

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