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QUESTION 1

You are the Security Admin in your company. You want to synchronize all security groups that have an email address from your LDAP directory in Cloud IAM. What should you do?

- A. Configure Google Cloud Directory Sync to sync security groups using LDAP search rules that have "user email address" as the attribute to facilitate one-way sync.
- B. Configure Google Cloud Directory Sync to sync security groups using LDAP search rules that have "user email address" as the attribute to facilitate bidirectional sync.
- C. Use a management tool to sync the subset based on the email address attribute. Create a group in the Google domain. A group created in a Google domain will automatically have an explicit Google Cloud Identity and Access Management (IAM) role.
- D. Use a management tool to sync the subset based on group object class attribute. Create a group in the Google domain. A group created in a Google domain will automatically have an explicit Google Cloud Identity and Access Management (IAM) role.

Correct Answer: A

search rules that have "user email address" as the attribute to facilitate one-way sync.
<https://support.google.com/a/answer/6126589?hl=en>

QUESTION 2

An organization is evaluating the use of Google Cloud Platform (GCP) for certain IT workloads. A well-established directory service is used to manage user identities and lifecycle management. This directory service must continue for the organization to use as the "source of truth" directory for identities.

Which solution meets the organization's requirements?

- A. Google Cloud Directory Sync (GCDS)
- B. Cloud Identity
- C. Security Assertion Markup Language (SAML)
- D. Pub/Sub

Correct Answer: A

With Google Cloud Directory Sync (GCDS), you can synchronize the data in your Google Account with your Microsoft Active Directory or LDAP server. GCDS doesn't migrate any content (such as email messages, calendar events, or files) to your Google Account. You use GCDS to synchronize your Google users, groups, and shared contacts to match the information in your LDAP server. <https://support.google.com/a/answer/106368?hl=en>

QUESTION 3

Your company requires the security and network engineering teams to identify all network anomalies and be able to capture payloads within VPCs.



Which method should you use?

- A. Define an organization policy constraint.
- B. Configure packet mirroring policies.
- C. Enable VPC Flow Logs on the subnet.
- D. Monitor and analyze Cloud Audit Logs.

Correct Answer: B

<https://cloud.google.com/vpc/docs/packet-mirroring> Packet Mirroring clones the traffic of specified instances in your Virtual Private Cloud (VPC) network and forwards it for examination. Packet Mirroring captures all traffic and packet data, including payloads and headers.

QUESTION 4

Your team needs to obtain a unified log view of all development cloud projects in your SIEM. The development projects are under the NONPROD organization folder with the test and pre-production projects. The development projects share the ABC-BILLING billing account with the rest of the organization.

Which logging export strategy should you use to meet the requirements?

- A. 1. Export logs to a Cloud Pub/Sub topic with folders/NONPROD parent and includeChildren property set to True in a dedicated SIEM project. 2. Subscribe SIEM to the topic.
- B. 1. Create a Cloud Storage sink with billingAccounts/ABC-BILLING parent and includeChildren property set to False in a dedicated SIEM project. 2. Process Cloud Storage objects in SIEM.
- C. 1. Export logs in each dev project to a Cloud Pub/Sub topic in a dedicated SIEM project. 2. Subscribe SIEM to the topic.
- D. 1. Create a Cloud Storage sink with a publicly shared Cloud Storage bucket in each project. 2. Process Cloud Storage objects in SIEM.

Correct Answer: C

"Your team needs to obtain a unified log view of all development cloud projects in your SIEM" -This means we are ONLY interested in development projects. "The development projects are under the NONPROD organization folder with the test and pre-production projects" We will need to filter out development from others i.e test and pre-prod. "The development projects share the ABC-BILLING billing account with the rest of the organization." This is unnecessary information.

QUESTION 5

You have created an OS image that is hardened per your organization's security standards and is being stored in a project managed by the security team. As a Google Cloud administrator, you need to make sure all VMs in your Google Cloud organization can only use that specific OS image while minimizing operational overhead. What should you do? (Choose two.)

- A. Grant users the compute.imageUser role in their own projects.



- B. Grant users the compute.imageUser role in the OS image project.
- C. Store the image in every project that is spun up in your organization.
- D. Set up an image access organization policy constraint, and list the security team managed project in the projects allow list.
- E. Remove VM instance creation permission from users of the projects, and only allow you and your team to create VM instances.

Correct Answer: BD

<https://cloud.google.com/resource-manager/docs/organization-policy/org-policy-constraints-constraints/compute.trustedImageProjects> This list constraint defines the set of projects that can be used for image storage and disk instantiation for Compute Engine. If this constraint is active, only images from trusted projects will be allowed as the source for boot disks for new instances.

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