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Exam Associate Cloud Engineer All Questions

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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 272 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 272

Topic #: 1

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Your company requires that Google Cloud products are created with a specific configuration to comply with your company's security policies. You need to implement a mechanism that will allow software engineers at your company to deploy and update Google Cloud products in a preconfigured and approved manner. What should you do?

- A. Create Java packages that utilize the Google Cloud Client Libraries for Java to configure Google Cloud products. Store and share the packages in a source code repository.
- B. Create bash scripts that utilize the Google Cloud CLI to configure Google Cloud products. Store and share the bash scripts in a source code repository.
- C. Use the Google Cloud APIs by using curl to configure Google Cloud products. Store and share the curl commands in a source code repository.
- D. Create Terraform modules that utilize the Google Cloud Terraform Provider to configure Google Cloud products. Store and share the modules in a source code repository.

Show Suggested Answer

by [RuchiMishra](#) at July 16, 2024, 11:54 a.m.

Comments

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RuchiMishra Highly Voted 3 months, 1 week ago

Selected Answer: D

Here's why this is the most suitable solution:

Infrastructure as Code (IaC): Terraform is an IaC tool that allows you to define and provision infrastructure resources using declarative configuration files. This approach ensures consistency in resource configuration across different deployments, making it easier to enforce security policies and compliance requirements.

Modularity: Terraform modules promote reusability and maintainability. You can create modules for specific GCP products or configurations and share them within your organization. This reduces duplication of effort and ensures that all deployments adhere to the same standards.

upvoted 6 times

denno22 Most Recent 2 weeks, 3 days ago

Selected Answer: D

Terraform is the most commonly used tool to provision and automate Google Cloud infrastructure.

<https://cloud.google.com/docs/terraform/terraform-overview>

upvoted 1 times

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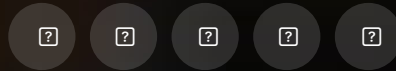
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