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## Exam Professional Cloud Security Engineer All Questions

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### 📄 EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 301 DISCUSSION

Actual exam question from Google's Professional Cloud Security Engineer

Question #: 301

Topic #: 1

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Your organization is implementing separation of duties in a Google Cloud project. A group of developers must deploy new code, but cannot have permission to change network firewall rules. What should you do?

- A. Assign the network administrator IAM role to all developers. Tell developers not to change firewall settings.
- B. Use Access Context Manager to create conditions that allow only authorized administrators to change firewall rules based on attributes such as IP address or device security posture.
- C. Create and assign two custom IAM roles. Assign the deployer role to control Compute Engine and deployment-related permissions. Assign the network administrator role to manage firewall permissions.
- D. Grant the editor IAM role to the developer group. Explicitly negate any firewall modification permissions by using IAM deny policies.

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by [abdelrahman89](#) at Oct. 4, 2024, 9:56 p.m.

### Comments

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📅 👤 **json4u** 9 months, 2 weeks ago

**Selected Answer: C**

It's C.

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📅 👤 **abdelrahman89** 9 months, 3 weeks ago

C - Custom Roles: Creating custom IAM roles allows you to define granular permissions, ensuring that developers only have the necessary access to deploy new code.

Separation of Duties: By assigning the deployer role to control Compute Engine and deployment-related permissions, while assigning the network administrator role to manage firewall permissions, you effectively enforce separation of duties. This reduces the risk of unauthorized access or malicious activities.

Granular Control: Custom roles provide more granular control over permissions compared to pre-defined roles, allowing you to tailor access to specific tasks.

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