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Exam Professional Cloud Security Engineer All Questions
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📄 **EXAM PROFESSIONAL CLOUD SECURITY ENGINEER TOPIC 1 QUESTION 114 DISCUSSION**

Actual exam question from Google's Professional Cloud Security Engineer
Question #: 114
Topic #: 1

[All Professional Cloud Security Engineer Questions]

You recently joined the networking team supporting your company's Google Cloud implementation. You are tasked with familiarizing yourself with the firewall rules configuration and providing recommendations based on your networking and Google Cloud experience. What product should you recommend to detect firewall rules that are overlapped by attributes from other firewall rules with higher or equal priority?

   A. Security Command Center

   B. Firewall Rules Logging

   C. VPC Flow Logs

   D. Firewall Insights

Show Suggested Answer

by 👤 **mouchu** at *May 17, 2022, 1:24 p.m.*

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Firewall Insights analyzes your firewall rules to detect firewall rules that are shadowed by other rules. A shadowed rule is a firewall rule that has all of its relevant attributes, such as its IP address and port ranges, overlapped by attributes from one or more rules with higher or equal priority, called shadowing rules.
https://cloud.google.com/network-intelligence-center/docs/firewall-insights/concepts/overview

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D is the answer.

https://cloud.google.com/network-intelligence-center/docs/firewall-insights/concepts/overview#shadowed-firewall-rules
Firewall Insights analyzes your firewall rules to detect firewall rules that are shadowed by other rules. A shadowed rule is a firewall rule that has all of its relevant attributes, such as its IP address and port ranges, overlapped by attributes from one or more rules with higher or equal priority, called shadowing rules.

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   Agreed

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To detect firewall rules that are overlapped by attributes from other firewall rules with higher or equal priority, you can use Firewall Insights. Firewall Insights is a feature of Google Cloud that provides visibility to firewall rule usage metrics and automatic analysis on firewall rule misconfigurations. It allows you to improve your security posture by detecting overly permissive firewall rules, unused firewall rules, and overlapping firewall rules.

With Firewall Insights, you can automatically detect rules that can't be reached during firewall rule evaluation due to overlapping rules with higher priorities. You can also detect unnecessary allow rules, open ports, and IP ranges and remove them to tighten the security boundary.

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definitely D - https://cloud.google.com/network-intelligence-center/docs/firewall-insights/concepts/overview

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D. Firewall Insights

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D. Firewall Insights

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Answer = D.

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Answer = D

Firewall Insights analyzes your firewall rules to detect firewall rules that are shadowed by other rules.

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