

Security-Operations-Engineer最新問題、Security-Operations-Engineer技術問題



我々 GoShiken はあなたに Google の Security-Operations-Engineer 試験に合格させると希望するあなたと同じ心を持つのを信じてください。あなたは試験に悩んでいるかもしれません、我々はあなたを助けてあなたの自信を持っています。資料への改善を通して、我々のチームは我々の Google の Security-Operations-Engineer 試験資料があなたを喜ばせるのを自信で話せます。我々の Google の Security-Operations-Engineer ソフトの無料デモをダウンロードしてあなたは自分の愛用する版が選べます。そして、あなたは我々商品のメリットが探せて Google の Security-Operations-Engineer 試験に合格できます。

Google Security-Operations-Engineer 認定試験の出題範囲:

トピック	出題範囲
トピック 1	<ul style="list-style-type: none">脅威ハンティング: この試験セクションでは、サイバー脅威ハンターのスキルを評価し、クラウドおよびハイブリッド環境全体にわたる脅威のプロアクティブな特定に重点を置いています。高度なクエリの作成と実行、ユーザーおよびネットワークの行動分析、インシデントデータと脅威インテリジェンスに基づく仮説の構築能力が試されます。受験者は、BigQuery、Logs Explorer、Google SecOpsなどのGoogle Cloudツールを活用して侵害の兆候（IOC）を発見し、インシデント対応チームと連携して、隠れた攻撃や進行中の攻撃を発見することが求められます。
トピック 2	<ul style="list-style-type: none">データ管理: このセクションでは、セキュリティアナリストのスキルを評価し、脅威の検知と対応のための効果的なデータ取り込み、ログ管理、コンテキストエンリッチメントに焦点を当てます。取り込みパイプラインの設定、パーサーの設定、データ正規化の管理、大規模ログ記録に伴うコストの処理能力を評価します。さらに、イベントデータを相関分析し、関連する脅威インテリジェンスを統合することで、ユーザー、資産、エンティティの行動に関するベースラインを確立し、より正確な監視を行う能力も評価します。
トピック 3	<ul style="list-style-type: none">インシデント対応: このセクションでは、インシデント対応マネージャーのスキルを測定し、セキュリティインシデントの封じ込め、調査、解決に関する専門知識を評価します。試験内容には、証拠収集、フォレンジック分析、エンジニアリングチーム間の連携、影響を受けたシステムの隔離が含まれます。受験者は、自動化されたプレイブックの設計と実行、対応手順の優先順位付け、オーケストレーションツールの統合、そしてケースライフサイクルの効率的な管理によってエスカレーションと解決プロセスを効率化する能力について評価されます。

トピック 4	<ul style="list-style-type: none"> 検知エンジニアリング: この試験セクションでは、検知エンジニアのスキルを評価し、リスク特定のための検知メカニズムの開発と微調整に焦点を当てます。検知ルールの設計と実装、リスク値の割り当て、そしてGoogle SecOps Risk AnalyticsやSCCなどのツールを活用したポスチャ管理が含まれます。受験者は、脅威インテリジェンスを活用してアラートスコアリングを行い、誤検知を削減し、コンテキストデータとエンティティベースのデータを統合することでルールの精度を向上させ、潜在的な脅威に対する強力なカバレッジを確保する方法を習得します。
トピック 5	<ul style="list-style-type: none"> プラットフォーム運用: このセクションでは、クラウドセキュリティエンジニアのスキルを評価し、エンタープライズ環境におけるセキュリティプラットフォームの構成と管理について学習します。Security Command Center (SCC)、Google SecOps、GCI、Cloud IDSなどのツールを統合および最適化し、検出および対応能力を向上させることに重点を置いています。受験者は、認証、認可、APIアクセスの構成、監査ログの管理、Workforce Identity Federationを使用したIDのプロビジョニングを行い、クラウドシステム全体のアクセス制御と可視性を強化する能力が評価されます。

>> Security-Operations-Engineer最新問題 <<

完璧なSecurity-Operations-Engineer最新問題一回合格-ハイパスレートのSecurity-Operations-Engineer技術問題

我々GoShikenは一番行き届いたアフターサービスを提供します。Google Security-Operations-Engineer試験問題集を購買してから、一年間の無料更新を楽しみにしています。あなたにGoogle Security-Operations-Engineer試験に関する最新かつ最完備の資料を勉強させ、試験に合格させることだと信じます。もしあなたはSecurity-Operations-Engineer試験に合格しなかったら、全額返金のことを承諾します。

Google Cloud Certified - Professional Security Operations Engineer (PSOE) Exam 認定 Security-Operations-Engineer 試験問題 (Q18-Q23):

質問 # 18

You are an incident responder at your organization using Google Security Operations (SecOps) for monitoring and investigation. You discover that a critical production server, which handles financial transactions, shows signs of unauthorized file changes and network scanning from a suspicious IP address. You suspect that persistence mechanisms may have been installed. You need to use Google SecOps to immediately contain the threat while ensuring that forensic data remains available for investigation. What should you do first?

- A. Use the EDR integration to quarantine the compromised asset.
- B. Deploy emergency patches, and reboot the server to remove malicious persistence.
- C. Use the firewall integration to submit the IP address to a network block list to inhibit internet access from that machine.
- D. Use VirusTotal to enrich the IP address and retrieve the domain. Add the domain to the proxy block list.

正解: A

解説:

The most effective first step in containment while preserving forensic data is to use the EDR integration to quarantine the compromised asset. Quarantine isolates the server from the network, preventing further malicious activity, but it does not wipe or reboot the system, ensuring that evidence such as persistence mechanisms, unauthorized file changes, and indicators of compromise remain intact for forensic investigation.

質問 # 19

After resolving a confirmed security incident in Google Cloud, what action provides the GREATEST long-term security improvement?

- A. Increasing log retention
- B. Updating detections, playbooks, and IAM controls based on lessons learned

- C. Closing all related alerts
- D. Adding more analysts

正解: B

解説:

Improving detections and controls ensures the organization is better protected against similar future attacks.

質問 #20

You need to augment your organization's existing Security Command Center (SCC) implementation with additional detectors. You have a list of known IoCs and would like to include external signals for this capability to ensure broad detection coverage. What should you do?

- A. Create a custom log sink with internal and external IP addresses from threat intelligence. Use the SCC API to generate a finding for each event.
- B. **Create an Event Threat Detection custom module using the "Configurable Bad IP" template.**
- C. Create a Security Health Analytics (SHA) custom module using the compute address resource.
- D. Create a custom posture for your organization that combines the prebuilt Event Threat Detection and Security Health Analytics (SHA) detectors.

正解: B

解説:

Comprehensive and Detailed 150 to 250 words of Explanation From Exact Extract Google Security Operations Engineer documents:

The correct solution is to create an Event Threat Detection (ETD) custom module. ETD is the Security Command Center (SCC) service designed to analyze logs for active threats, anomalies, and malicious behavior. The user's requirement is to use a list of known Indicators of Compromise (IoCs) and external signals, which directly aligns with the purpose of ETD.

In contrast, Security Health Analytics (SHA), mentioned in options A and B, is a posture management service. SHA custom modules are used to detect misconfigurations and vulnerabilities in resource settings, not to analyze log streams for threat activity based on IoCs.

Event Threat Detection provides pre-built templates for creating custom modules to simplify the detection engineering process. The "Configurable Bad IP" template is specifically designed for this exact use case. It allows an organization to upload and maintain a list of known malicious IP addresses (a common form of external IoC). ETD will then continuously scan relevant log sources, such as VPC Flow Logs, Cloud DNS logs, and Cloud NAT logs. If any activity to or from an IP address on this custom list is detected, ETD automatically generates a CONFIGURABLE_BAD_IP finding in Security Command Center for review and response. This approach is the native, efficient, and supported method for integrating IP-based IoCs into SCC, unlike option D which requires building a complex, manual pipeline.

(Reference: Google Cloud documentation, "Overview of Event Threat Detection custom modules", "Using Event Threat Detection custom module templates")

質問 #21

Your organization's Google Security Operations (SecOps) tenant is ingesting a vendor's firewall logs in its default JSON format using the Google-provided parser for that log. The vendor recently released a patch that introduces a new field and renames an existing field in the logs. The parser does not recognize these two fields and they remain available only in the raw logs, while the rest of the log is parsed normally. You need to resolve this logging issue as soon as possible while minimizing the overall change management impact. What should you do?

- A. **Use the Extract Additional Fields tool in Google SecOps to convert the raw log entries to additional fields.**
- B. Use the web interface-based custom parser feature in Google SecOps to copy the parser, and modify it to map both fields to UDM.
- C. Write a code snippet, and deploy it in a parser extension to map both fields to UDM.
- D. Deploy a third-party data pipeline management tool to ingest the logs, and transform the updated fields into fields supported by the default parser.

正解: A

解説:

The quickest and lowest-impact solution is to use the Extract Additional Fields tool in Google SecOps. This allows you to map the

new and renamed fields from the raw logs into UDM fields without modifying the default parser or deploying custom code, ensuring the logs are fully parsed and available for downstream detections.

質問 #22

You need to augment your organization's existing Security Command Center (SCC) implementation with additional detectors. You have a list of known IoCs and would like to include external signals for this capability to ensure broad detection coverage. What should you do?

- A. Create a custom log sink with internal and external IP addresses from threat intelligence. Use the SCC API to generate a finding for each event.
- **B. Create an Event Threat Detection custom module using the "Configurable Bad IP" template.**
- C. Create a Security Health Analytics (SHA) custom module using the compute address resource.
- D. Create a custom posture for your organization that combines the prebuilt Event Threat Detection and Security Health Analytics (SHA) detectors.

正解: B

解説:

The correct solution is to create an Event Threat Detection (ETD) custom module. ETD is the Security Command Center (SCC) service designed to analyze logs for active threats, anomalies, and malicious behavior. The user's requirement is to use a list of known Indicators of Compromise (IoCs) and external signals, which directly aligns with the purpose of ETD.

In contrast, Security Health Analytics (SHA), mentioned in options A and B, is a posture management service. SHA custom modules are used to detect misconfigurations and vulnerabilities in resource settings, not to analyze log streams for threat activity based on IoCs.

Event Threat Detection provides pre-built templates for creating custom modules to simplify the detection engineering process. The "Configurable Bad IP" template is specifically designed for this exact use case. It allows an organization to upload and maintain a list of known malicious IP addresses (a common form of external IoC). ETD will then continuously scan relevant log sources, such as VPC Flow Logs, Cloud DNS logs, and Cloud NAT logs. If any activity to or from an IP address on this custom list is detected, ETD automatically generates a CONFIGURABLE_BAD_IP finding in Security Command Center for review and response. This approach is the native, efficient, and supported method for integrating IP-based IoCs into SCC, unlike option D which requires building a complex, manual pipeline.

(Reference: Google Cloud documentation, "Overview of Event Threat Detection custom modules"; "Using Event Threat Detection custom module templates")

質問 #23

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目の前の本当の困難に挑戦するために、君のもっと質の良いGoogleのSecurity-Operations-Engineer問題集を提供するために、私たちはGoShikenのITエリートチームの変動からGoogleのSecurity-Operations-Engineer問題集の更新まで、完璧になるまでにずっと頑張ります。私たちはあなたが簡単にGoogleのSecurity-Operations-Engineer認定試験に合格するができるという目標のために努力しています。あなたはうちのGoogleのSecurity-Operations-Engineer問題集を購入する前に、一部分のフリーな試験問題と解答をダウンロードして、試用してみることができます。

Security-Operations-Engineer技術問題: <https://www.goshiken.com/Google/Security-Operations-Engineer-mondaishu.html>

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