

SPLK-5002 Exam Dumps Demo, Exam SPLK-5002 Learning



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Splunk SPLK-5002 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> • Data Engineering: This section of the exam measures the skills of Security Analysts and Cybersecurity Engineers and covers foundational data management tasks. It includes performing data review and analysis, creating and maintaining efficient data indexing, and applying Splunk methods for data normalization to ensure structured and usable datasets for security operations.
Topic 2	<ul style="list-style-type: none"> • Detection Engineering: This section evaluates the expertise of Threat Hunters and SOC Engineers in developing and refining security detections. Topics include creating and tuning correlation searches, integrating contextual data into detections, applying risk-based modifiers, generating actionable Notable Events, and managing the lifecycle of detection rules to adapt to evolving threats.
Topic 3	<ul style="list-style-type: none"> • Auditing and Reporting on Security Programs: This section tests Auditors and Security Architects on validating and communicating program effectiveness. It includes designing security metrics, generating compliance reports, and building dashboards to visualize program performance and vulnerabilities for stakeholders.
Topic 4	<ul style="list-style-type: none"> • Automation and Efficiency: This section assesses Automation Engineers and SOAR Specialists in streamlining security operations. It covers developing automation for SOPs, optimizing case management workflows, utilizing REST APIs, designing SOAR playbooks for response automation, and evaluating integrations between Splunk Enterprise Security and SOAR tools.
Topic 5	<ul style="list-style-type: none"> • Building Effective Security Processes and Programs: This section targets Security Program Managers and Compliance Officers, focusing on operationalizing security workflows. It involves researching and integrating threat intelligence, applying risk and detection prioritization methodologies, and developing documentation or standard operating procedures (SOPs) to maintain robust security practices.

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Splunk Certified Cybersecurity Defense Engineer Sample Questions (Q19-Q24):

NEW QUESTION # 19

An engineer has been asked to build a new dashboard after an increase in login failures across the organization's Microsoft Azure domain. They need to construct a search to only display failed logins for their Azure Active Directory users, and choose a visualization that will help analysts quickly identify failed logins that originate outside of North America. Which of the following search and visualization type combinations will achieve this?

- A. Search: `index="main" sourcetype="WinEventLog" | geostats latfield=geoCoordinates.latitude longfield=geoCoordinates.longitude count by loginStatus` Visualization: Choropleth Map
- **B. Search: `index="main" sourcetype="ms:aad:signin" loginStatus=Failure | geostats latfield=geoCoordinates.latitude longfield=geoCoordinates.longitude count by user` Visualization: Cluster Map**
- C. Search: `index="main" sourcetype="ms:aad:signin" | geostats latfield=geoCoordinates.latitude longfield=geoCoordinates.longitude count by user` Visualization: Choropleth Map
- D. Search: `index="main" sourcetype="WinEventLog" loginStatus=Failure | geostats latfield=geoCoordinates.latitude longfield=geoCoordinates.longitude count by user` Visualization: Cluster Map

Answer: B

Explanation:

The correct sourcetype for Azure Active Directory sign-ins is `ms:aad:signin`, and filtering on `loginStatus=Failure` ensures only failed logins are shown. Using `geostats` with latitude and longitude fields allows plotting login attempts geographically, and a Cluster Map visualization is best for quickly identifying failed logins originating outside of North America.

NEW QUESTION # 20

Which Enterprise Security components provide enrichment to the Risk Framework?

- A. Risk Object, Notable Framework, Data Models
- **B. Assets & Identities Framework, Risk Factoring, Annotations**
- C. Risk Object, Threat Intelligence, Data models
- D. Assets & Identities Framework, Threat Intelligence, Notes

Answer: B

Explanation:

The Risk Framework in Enterprise Security is enriched by the Assets & Identities Framework (providing contextual information about users and systems), Risk Factoring (applying multipliers to adjust risk scoring), and Annotations (such as MITRE ATT&CK mappings). These components work together to provide meaningful, prioritized risk findings.

NEW QUESTION # 21

Which actions enhance the accuracy of Splunk dashboards?(Choosetwo)

- **A. Performing regular data validation**
- **B. Using accelerated data models**
- C. Disabling drill-down features
- D. Avoiding token-based filters

Answer: A,B

Explanation:

How to Improve Dashboard Accuracy in Splunk?

#1. Using Accelerated Data Models (Answer A) #Increases search speed and ensures dashboards load faster.

#Provides pre-processed structured data for real-time analysis. #Example: ASOC dashboard tracking failed logins uses an accelerated authentication data model for faster rendering.

#2. Performing Regular Data Validation (Answer C) #Ensures that the indexed data is accurate and complete.

#Prevents misleading dashboards caused by incomplete logs or incorrect field extractions. #Example: If a firewall log source stops sending data, regular validation detects missing logs before analysts rely on incorrect dashboards.

Why Not the Other Options?

#B. Avoiding token-based filters- Tokens improved dashboard flexibility; avoiding them reduces usability. #D.

Disabling drill-down features- Drill-downs enhance insights by allowing analysts to investigate details easily.

References & Learning Resources

#Splunk Dashboard Performance Optimization: <https://docs.splunk.com/Documentation/Splunk/latest/Viz>

/Dashboards #Using Data Models for Fast and Accurate Dashboards: <https://splunkbase.splunk.com/#Regular Data Validation for SOC Dashboards>: https://www.splunk.com/en_us/blog/security

NEW QUESTION # 22

What is a key feature of effective security reports for stakeholders?

- A. High-level summaries with actionable insights
- B. Detailed event logs for every incident
- C. Excluding compliance-related metrics
- D. Exclusively technical details for IT teams

Answer: A

Explanation:

Security reports provide stakeholders (executives, compliance officers, and security teams) with insights into security posture, risks, and recommendations.

#Key Features of Effective Security Reports

High-Level Summaries

Stakeholders don't need raw logs but require summary-level insights on threats and trends.

Actionable Insights

Reports should provide clear recommendations on mitigating risks.

Visual Dashboards & Metrics

Charts, KPIs, and trends enhance understanding for non-technical stakeholders.

#Incorrect Answers:

B: Detailed event logs for every incident # Logs are useful for analysts, not executives.

C: Exclusively technical details for IT teams # Reports should balance technical & business insights.

D: Excluding compliance-related metrics # Compliance is critical in security reporting.

#Additional Resources:

Splunk Security Reporting Best Practices

Creating Executive Security Reports

NEW QUESTION # 23

A SOC's Incident Response Standard Operating Procedure (SOP) calls for any phishing emails containing files to be detonated in Splunk Attack Analyzer for evaluation. Which of the following can an engineer implement to gain efficiency through automation?

- A. Use a SOAR playbook to submit the email to PhishTank, which will automatically handle the Splunk Attack Analyzer submission, and make this information available to an assigned analyst.
- B. Automatically assign findings containing the tag "phishing" to analysts to speed up the start of data collection steps and reduce the time to disposition for the finding.
- C. Use a SOAR playbook to handle the Splunk Attack Analyzer submission and data collection steps, and make this information available to an assigned analyst.
- D. Automatically send all findings containing the tag "phishing" to create an email notification for the SOC.

Answer: C

Explanation:

The most efficient approach is to use a SOAR playbook to automatically handle the Splunk Attack Analyzer submission and data

