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Life is short for each of us, and time is precious to us. Therefore, modern society is more and more pursuing efficient life, and our SPLK-5002 exam materials are the product of this era, which conforms to the development trend of the whole era. It seems that we have been in a state of study and examination since we can remember, and we have experienced countless tests, including the qualification examinations we now face. In the process of job hunting, we are always asked what are the achievements and what certificates have we obtained? Therefore, we get the test Splunk certification and obtain the qualification certificate to become a quantitative standard, and our SPLK-5002 learning guide can help you to prove yourself the fastest in a very short period of time.

Splunk SPLK-5002 Exam Syllabus Topics:

Topic	Details
Topic 1	• 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.
Topic 2	• 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 3	• 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 4	• 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 5	• 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.

Splunk Certified Cybersecurity Defense Engineer Sample Questions (Q43-Q48):

NEW QUESTION # 43
What methods can improve Splunk's indexing performance?(Choosetwo)

- A. Use universal forwarders for data ingestion.
- B. Optimize event breaking rules.
- C. Enable indexer clustering.
- D. Create multiple search heads.

Answer: B,C

Explanation:
Improving Splunk's indexing performance is crucial for handling large volumes of data efficiently while maintaining fast search speeds and optimized storage utilization.
Methods to Improve Indexing Performance:
Enable Indexer Clustering (A)
Distributes indexing load across multiple indexers.
Ensures high availability and fault tolerance by replicating indexed data.
Optimize Event Breaking Rules (D)
Defines clear event boundaries to reduce processing overhead.
Uses correctLINE_BREAKERandTRUNCATEsettings to improve parsing speed.

NEW QUESTION # 44
An organization uses MITRE ATT&CK to enhance its threat detection capabilities.
Howshould this methodology be incorporated?

- A. Deploy it as a replacement for current detection systems.
- B. Develop custom detection rules based on attack techniques.
- C. Rely solely on vendor-provided threat intelligence.
- D. Use it only for reporting after incidents.

Answer: B

Explanation:
MITRE ATT&CK is a threat intelligence framework that helps security teams map attack techniques to detection rules.
#1. Develop Custom Detection Rules Based on Attack Techniques (A)
Maps Splunk correlation searches to MITRE ATT&CK techniques to detect adversary behaviors.
Example:
To detect T1078 (Valid Accounts):
index=auth_logs action=failed | stats count by user, src_ip

If an account logs in from anomalous locations, trigger an alert.
#Incorrect Answers:
B: Use it only for reporting after incidents # MITRE ATT&CK should be used proactively for threat detection.
C: Rely solely on vendor-provided threat intelligence # Custom rules tailored to an organization's threat landscape are more effective.
D: Deploy it as a replacement for current detection systems # MITRE ATT&CK complements existing SIEM /EDR tools, not replaces them.
#Additional Resources:
MITRE ATT&CK & Splunk
Using MITRE ATT&CK in SIEMs

NEW QUESTION # 45
What Splunk process ensures that duplicate data is not indexed?

- A. Indexer clustering
- B. Metadata tagging
- C. Data deduplication
- D. Event parsing

Answer: D

Explanation:
Splunk prevents duplicate data from being indexed through event parsing, which occurs during the data ingestion process.
How Event Parsing Prevents Duplicate Data:
Splunk's indexer parses incoming data and assigns unique timestamps, metadata, and event IDs to prevent reindexing duplicate logs.
CRC Checks (Cyclic Redundancy Checks) are applied to avoid duplicate event ingestion.
Index-time filtering and transformation rules help detect and drop repeated data before indexing.

NEW QUESTION # 46
What is the main purpose of incorporating threat intelligence into a security program?

- A. To archive historical events for compliance
- B. To proactively identify and mitigate potential threats
- C. To automate response workflows
- D. To generate incident reports for stakeholders

Answer: B

Explanation:
Why Use Threat Intelligence in Security Programs?
Threat intelligence providesreal-time data on known threats, helping SOC teamsidentify, detect, and mitigate security risks proactively.
#Key Benefits of Threat Intelligence:#Early Threat Detection- Identifiesknown attack patterns(IP addresses, domains, hashes).#Proactive Defense- Blocks threatsbefore they impact systems.#Better Incident Response- Speeds uptriage and forensic analysis.#Contextualized Alerts- Reduces false positives bycorrelating security events with known threats.
#Example Use Case in Splunk ES:#Scenario:The SOC team ingeststhreat intelligence feeds(e.g., from MITRE ATT&CK, VirusTotal).#Splunk Enterprise Security (ES)correlates security eventswith knownmalicious IPs or domains.#If an internal system communicates with aknown C2 server, the SOC teamautomatically receives an alertandblocks the IPusing Splunk SOAR.
Why Not the Other Options?
#A. To automate response workflows- While automation is beneficial,threat intelligence is primarily for proactive identification.#C. To generate incident reports for stakeholders- Reports are abyproduct, but not themain goalof threat intelligence.#D. To archive historical events for compliance- Threat intelligence isreal- time and proactive, whereas compliance focuses onrecord-keeping.
References & Learning Resources
#Splunk ES Threat Intelligence Guide: https://docs.splunk.com/Documentation/ES#MITRE ATT&CK Integration with Splunk: https://attack.mitre.org/resources#Threat Intelligence Best Practices in SOC: https://splunkbase.splunk.com

NEW QUESTION # 47
What are the benefits of incorporating asset and identity information into correlation searches?(Choosetwo)

- A. Prioritizing incidents based on asset value
- B. Reducing the volume of raw data indexed
- C. Accelerating data ingestion rates
- D. Enhancing the context of detections

Answer: A,D

Explanation:
Why is Asset and Identity Information Important in Correlation Searches?
Correlation searches in Splunk Enterprise Security (ES) analyze security events to detect anomalies, threats, and suspicious behaviors. Adding asset and identity information significantly improves security detection and response by:
1##Enhancing the Context of Detections - (Answer A)
Helps analysts understand the impact of an event by associating security alerts with specific assets and users.
Example: If a failed login attempt happens on a critical server, it's more serious than one on a guest user account.
2##Prioritizing Incidents Based on Asset Value - (Answer C)
High-value assets (CEO's laptop, production databases) need higher priority investigations.
Example: If malware is detected on a critical finance server, the SOC team prioritizes it over a low-impact system.
Why Not the Other Options?
#B. Reducing the volume of raw data indexed - Asset and identity enrichment adds more metadata;it doesn't reduce indexed data.#D. Accelerating data ingestion rates - Adding asset identity doesn't speed up ingestion; it actually introduces more processing.
References & Learning Resources
#Splunk ES Asset & Identity Framework: https://docs.splunk.com/Documentation/ES/latest/Admin/Assetsandidentitymanagement#Correlation Searches in Splunk ES: https://docs.splunk.com/Documentation/ES/latest/Admin/Correlationsearches

NEW QUESTION # 48
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