SPLK-5002 Examinations Actual Questions - Test SPLK-5002 Registration

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The Splunk Certified Cybersecurity Defense Engineer (SPLK-5002) practice tests have customizable time and Splunk Certified Cybersecurity Defense Engineer (SPLK-5002) exam questions feature so that the students can set the time and Splunk Certified Cybersecurity Defense Engineer (SPLK-5002) exam questions according to their needs. The Splunk Certified Cybersecurity Defense Engineer (SPLK-5002) practice test questions are getting updated on the daily basis and there are also up to 1 year of free updates. Earning the Splunk Certified Cybersecurity Defense Engineer (SPLK-5002) certification exam is the way to grow in the modern era with high-paying jobs.

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	• 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 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	• 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.

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This is the reason why the experts suggest taking the SPLK-5002 practice test with all your concentration and effort. The more you can clear your doubts, the more easily you can pass the SPLK-5002 exam. FreePdfDump Splunk Certified Cybersecurity Defense Engineer (SPLK-5002) practice test works amazingly to help you understand the Splunk SPLK-5002 Exam Pattern and how you can attempt the real Splunk Exam Questions. It is just like the final SPLK-5002 exam pattern and you can change its settings.

Splunk Certified Cybersecurity Defense Engineer Sample Questions (Q83-Q88):

NEW QUESTION # 83
Which REST API method is used to retrieve data from a Splunk index?

- A. PUT
- B. POST
- C. GET
- D. DELETE

Answer: C

Explanation:
The GET method in the Splunk REST API is used to retrieve data from a Splunk index. It allows users and automated scripts to fetch logs, alerts, or query results programmatically.
Key Points About GET in Splunk API:
Used for searching and retrieving logs from indexes.
Can be used to get search results, job status, and Splunk configuration details.
Common API endpoints include:
/services/search/jobs/{search_id}/results- Retrieves results of a completed search.
/services/search/jobs/export- Exports search results in real-time.

NEW QUESTION # 84
What is the main purpose of Splunk's Common Information Model (CIM)?

- A. To extract fields from raw events
- B. To normalize data for correlation and searches
- C. To compress data during indexing
- D. To create accelerated reports

Answer: B

Explanation:
What is the Splunk Common Information Model (CIM)?
Splunk's Common Information Model (CIM) is a standardized way to normalize and map event data from different sources to a common field format. It helps with:
Consistent searches across diverse log sources
Faster correlation of security events
Better compatibility with prebuilt dashboards, alerts, and reports
Why is Data Normalization Important?
Security teams analyze data from firewalls, IDS/IPS, endpoint logs, authentication logs, and cloud logs.

These sources have different field names (e.g., "src_ip" vs. "source_address").
CIM ensures a standardized format, so correlation searches work seamlessly across different log sources.
How CIM Works in Splunk?
#Maps event fields to a standardized schema#Supports prebuilt Splunk apps like Enterprise Security (ES)
#Helps SOC teams quickly detect security threats
#Example Use Case:
A security analyst wants to detect failed admin logins across multiple authentication systems.
Without CIM, different logs might use:
user_login_failed
auth_failure
login_error
With CIM, all these fields map to the same normalized schema, enabling one unified search query.
Why Not the Other Options?
#A. Extract fields from raw events - CIM does not extract fields; it maps existing fields into a standardized format.#C. Compress data during indexing - CIM is about data normalization, not compression.#D. Create accelerated reports - While CIM supports acceleration, its main function is standardizing log formats.
References & Learning Resources
#Splunk CIM Documentation: https://docs.splunk.com/Documentation/CIM#How Splunk CIM Helps with Security Analytics: https://www.splunk.com/en_us/solutions/common-information-model.html#Splunk Enterprise Security & CIM Integration: https://splunkbase.splunk.com/app/263

NEW QUESTION # 85
What is the main benefit of automating case management workflows in Splunk?

- A. Enabling dynamic storage allocation
- B. Minimizing the use of correlation searches
- C. Reducing response times and improving analyst productivity
- D. Eliminating the need for manual alerts

Answer: C

Explanation:
Automating case management workflows in Splunk streamlines incident response and reduces manual overhead, allowing analysts to focus on higher-value tasks.
Main Benefits of Automating Case Management:
Reduces Response Times (C)
Automatically assigns cases to analysts based on predefined rules.
Triggers playbooks and workflows in Splunk SOAR to handle common incidents.
Improves Analyst Productivity (C)
Reduces time spent on manual case creation and updates.
Provides integrated case tracking across Splunk and ITSM tools (e.g., ServiceNow, Jira).

NEW QUESTION # 86
A company wants to create a dashboard that displays normalized event data from various sources.
Whatapproach should they use?

- A. Apply search-time field extractions.
- B. Configure a summary index.
- C. Implement a data model using CIM.
- D. Use SPL queries to manually extract fields.

Answer: C

Explanation:
When organizations need to normalize event data from various sources, using Common Information Model (CIM) in Splunk is the best approach.
Why Use CIM for Normalized Event Data?
Standardizes Data Across Different Log Sources
CIM ensures consistent field names and formats across varied log types.

Makes searches, reports, and dashboards easier to manage.
Enables Faster and More Efficient Searches
Uses Data Models to accelerate search queries.
Reduces the need for custom field extractions.

NEW QUESTION # 87
During a high-priority incident, a user queries an index but sees incomplete results.
Whatis the most likely issue?

- A. The search head configuration is outdated.
- B. Data normalization was not applied.
- C. Indexers have reached their queue capacity.
- D. Buckets in the warm state are inaccessible.

Answer: C

Explanation:
If a user queries an index during a high-priority incident but sees incomplete results, it is likely that the indexers are overloaded, causing queue bottlenecks.
Why Indexer Queue Capacity Issues Cause Incomplete Results:
When indexing queues fill up, incoming data cannot be processed efficiently.
Search results may be incomplete or delayed if events are still in the indexing queue and not fully written to disk.
Heavy search loads during incidents can also increase pressure on indexers.
How to Fix It:
Monitor indexing queues via the Monitoring Console (indexing>indexing performance).
Checkmetrics.logon indexers formax_queue_size_exceededwarnings.
Increase indexer capacity or optimize search scheduling to reduce load.

NEW QUESTION # 88
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