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The Splunk SPLK-4001 certification exam is one of the top rated career advancement certification exams in the market. This Splunk O11y Cloud Certified Metrics User (SPLK-4001) exam is designed to prove candidates' skills and knowledge levels. By doing this the Splunk SPLK-4001 certificate holders can gain multiple personal and professional benefits. These benefits assist the SPLK-4001 Exam holder to pursue a rewarding career in the highly competitive market and achieve their career objectives in a short time period.

Splunk SPLK-4001 Exam Syllabus Topics:

Topic	Details
Topic 1	• Introduction to Visualizing Metrics: This section of the exam measures the skills of Data Visualization Analysts and emphasizes creating, managing, and interpreting charts and dashboards. It includes searching for metrics, visualizing data with different chart types, applying rollups and analytic functions, and effectively understanding metric data within dashboards.
Topic 2	• Create Efficient Dashboards and Alerts: This section of the exam measures the skills of Performance Monitoring Engineers and focuses on optimizing dashboards and alerts for clarity and responsiveness. It includes adding instructions to dashboards, creating single-instance dashboards, configuring local data links, customizing alert messages, and troubleshooting chart and alert issues.
Topic 3	• Metrics Concepts: This section of the exam measures the skills of Monitoring Specialists and covers fundamental metrics concepts including data resolution, rollups, and components of a datapoint. It also examines the Splunk Infrastructure Monitoring (IM) Data Model, different metric types, and the role of metadata in defining and structuring metric data.

Topic 4	• Get Metrics In with OpenTelemetry: This section of the exam measures the skills of Observability Engineers and focuses on configuring and managing OpenTelemetry (OTel) for data collection. It covers deploying the OTel Collector on Linux, editing configurations, troubleshooting common issues, and understanding general OpenTelemetry concepts necessary for integrating metrics efficiently.
Topic 5	• Finding Insights Using Analytics: This section of the exam measures the skills of Data Analysts and covers analytical methods for uncovering insights from metrics. It includes finding total values across sources, combining plots, performing time-based comparisons, analyzing trends through ratios and percentages, and applying analytic functions across moving or calendar time windows.
Topic 6	• Introduction to Alerting on Metrics with Detectors: This section of the exam measures the skills of Operations Engineers and focuses on setting up and managing metric alerts using detectors. Candidates learn to create detectors from charts, clone and modify them, build standalone detectors, and configure muting rules to manage alert noise and response efficiency.
Topic 7	• Monitor Using Built-in Content: This section of the exam measures the skills of Site Reliability Engineers and focuses on utilizing Splunk built-in content for effective monitoring. It includes interpreting data in charts, subscribing to alerts, and using tools such as the Kubernetes Navigator, Cluster Analyzer, and pre-built dashboards to identify and resolve performance issues in nodes, pods, and containers.

Pass Guaranteed Reliable SPLK-4001 - Reliable Splunk O11y Cloud Certified Metrics User Dumps Questions

In real life, every great career must have the confidence to take the first step. When you suspect your level of knowledge, and cramming before the exam, do you think of how to pass the Splunk SPLK-4001 exam with confidence? Do not worry, Itcertking is the only provider of training materials that can help you to pass the exam. Our training materials, including questions and answers, the pass rate can reach 100%. With Itcertking Splunk SPLK-4001 Exam Training materials, you can begin your first step forward. When you get the certification of Splunk SPLK-4001 exam, the glorious period of your career will start.

Splunk SPLK-4001 certification exam is designed for individuals who have expertise in using Splunk to monitor and analyze metrics in cloud environments. Splunk O11y Cloud Certified Metrics User certification is ideal for professionals who are interested in validating their knowledge of Splunk's metrics monitoring capabilities and their ability to leverage them to improve operational efficiency and performance. SPLK-4001 Exam requires candidates to demonstrate their ability to configure and manage Splunk's metrics collection and analysis tools, as well as their knowledge of best practices for utilizing these tools in a cloud environment.

Splunk O11y Cloud Certified Metrics User Sample Questions (Q40-Q45):

NEW QUESTION # 40
To refine a search for a metric a customer types host: test-*. What does this filter return?

- A. Error
- B. Only metrics with a value of test- beginning with host.
- C. Only metrics with a dimension of host and a value beginning with test-.
- D. Every metric except those with a dimension of host and a value equal to test.

Answer: C

Explanation:
The correct answer is A. Only metrics with a dimension of host and a value beginning with test-.
This filter returns the metrics that have a host dimension that matches the pattern test-. For example, test-01, test-abc, test-xyz, etc. The asterisk () is a wildcard character that can match any string of characters1 To learn more about how to filter metrics in Splunk Observability Cloud, you can refer to this documentation2.
1: https://docs.splunk.com/Observability/gdi/metrics/search.html#Filter-metrics 2: https://docs.splunk.com/Observability/gdi/metrics/search.html

NEW QUESTION # 41
A DevOps engineer wants to determine if the latency their application experiences is growing fester after a new software release a week ago. They have already created two plot lines, A and B, that represent the current latency and the latency a week ago, respectively. How can the engineer use these two plot lines to determine the rate of change in latency?

- A. Create a temporary plot by clicking the Change% button in the upper-right corner of the plot showing lines A and B.
- B. Create a plot C using the formula (A/B-l) and add a scale: 100 function to express the rate of change as a percentage.
- C. Create a plot C using the formula (A-B) and add a scale:percent function to express the rate of change as a percentage.
- D. Create a temporary plot by dragging items A and B into the Analytics Explorer window.

Answer: B

Explanation:
Explanation
The correct answer is C. Create a plot C using the formula (A/B-l) and add a scale: 100 function to express the rate of change as a percentage.
To calculate the rate of change in latency, you need to compare the current latency (plot A) with the latency a week ago (plot B). One way to do this is to use the formula (A/B-l), which gives you the ratio of the current latency to the previous latency minus one. This ratio represents how much the current latency has increased or decreased relative to the previous latency. For example, if the current latency is 200 ms and the previous latency is 100 ms, then the ratio is (200/100-l) = 1, which means the current latency is 100% higher than the previous latency1 To express the rate of change as a percentage, you need to multiply the ratio by 100. You can do this by adding a scale: 100 function to the formula. This function scales the values of the plot by a factor of 100. For example, if the ratio is 1, then the scaled value is 100%2 To create a plot C using the formula (A/B-l) and add a scale: 100 function, you need to follow these steps:
Select plot A and plot B from the Metric Finder.
Click on Add Analytics and choose Formula from the list of functions.
In the Formula window, enter (A/B-l) as the formula and click Apply.
Click on Add Analytics again and choose Scale from the list of functions.
In the Scale window, enter 100 as the factor and click Apply.
You should see a new plot C that shows the rate of change in latency as a percentage.
To learn more about how to use formulas and scale functions in Splunk Observability Cloud, you can refer to these documentations34.
1: https://www.mathsisfun.com/numbers/percentage-change.html 2:
https://docs.splunk.com/Observability/gdi/metrics/analytics.html#Scale 3:
https://docs.splunk.com/Observability/gdi/metrics/analytics.html#Formula 4:
https://docs.splunk.com/Observability/gdi/metrics/analytics.html#Scale

NEW QUESTION # 42
What Pod conditions does the Analyzer panel in Kubernetes Navigator monitor? (select all that apply)

- A. Not Scheduled
- B. Pending
- C. Unknown
- D. Failed

Answer: A,B,C,D

Explanation:
Explanation
The Pod conditions that the Analyzer panel in Kubernetes Navigator monitors are:
Not Scheduled: This condition indicates that the Pod has not been assigned to a Node yet. This could be due to insufficient resources, node affinity, or other scheduling constraints1 Unknown: This condition indicates that the Pod status could not be obtained or is not known by the system. This could be due to communication errors, node failures, or other unexpected situations1 Failed: This condition indicates that the Pod has terminated in a failure state. This could be due to errors in the application code, container configuration, or external factors1 Pending: This condition indicates that the Pod has been accepted by the system, but one or more of its containers has not been created or started yet. This could be due to image pulling, volume mounting, or network issues1 Therefore, the correct answer is A, B, C, and D.
To learn more about how to use the Analyzer panel in Kubernetes Navigator, you can refer to this documentation2.
1: https://kubernetes.io/docs/concepts/workloads/pods/pod-lifecycle/#pod-phase 2:
https://docs.splunk.com/observability/infrastructure/monitor/k8s-nav.html#Analyzer-panel

NEW QUESTION # 43
A customer has a very dynamic infrastructure. During every deployment, all existing instances are destroyed, and new ones are created Given this deployment model, how should a detector be created that will not send false notifications of instances being down?

- A. Check the Ephemeral checkbox when creating the detector.
- B. Create the detector. Select Alert settings, then select Auto-Clear Alerts and enter an appropriate time period.
- C. Create the detector. Select Alert settings, then select Ephemeral Infrastructure and enter the expected lifetime of an instance.
- D. Check the Dynamic checkbox when creating the detector.

Answer: C

Explanation:
According to the web search results, ephemeral infrastructure is a term that describes instances that are auto-scaled up or down, or are brought up with new code versions and discarded or recycled when the next code version is deployed1. Splunk Observability Cloud has a feature that allows you to create detectors for ephemeral infrastructure without sending false notifications of instances being down2. To use this feature, you need to do the following steps:
Create the detector as usual, by selecting the metric or dimension that you want to monitor and alert on, and choosing the alert condition and severity level.
Select Alert settings, then select Ephemeral Infrastructure. This will enable a special mode for the detector that will automatically clear alerts for instances that are expected to be terminated.
Enter the expected lifetime of an instance in minutes. This is the maximum amount of time that an instance is expected to live before being replaced by a new one. For example, if your instances are replaced every hour, you can enter 60 minutes as the expected lifetime.
Save the detector and activate it.
With this feature, the detector will only trigger alerts when an instance stops reporting a metric unexpectedly, based on its expected lifetime. If an instance stops reporting a metric within its expected lifetime, the detector will assume that it was terminated on purpose and will not trigger an alert. Therefore, option B is correct.

NEW QUESTION # 44
An SRE creates an event feed chart in a dashboard that shows a list of events that meet criteria they specify.
Which of the following should they include? (select all that apply)

- A. Events created when a detector triggers an alert.
- B. Custom events that have been sent in from an external source.
- C. Random alerts from active detectors.
- D. Events created when a detector clears an alert.

Answer: A,B,D

Explanation:
Explanation
According to the web search results1, an event feed chart is a type of chart that shows a list of events that meet criteria you specify. An event feed chart can display one or more event types depending on how you specify the criteria. The event types that you can include in an event feed chart are:
Custom events that have been sent in from an external source: These are events that you have created or received from a third-party service or tool, such as AWS CloudWatch, GitHub, Jenkins, or PagerDuty.
You can send custom events to Splunk Observability Cloud using the API or the Event Ingest Service.
Events created when a detector triggers or clears an alert: These are events that are automatically generated by Splunk Observability Cloud when a detector evaluates a metric or dimension and finds that it meets the alert condition or returns to normal. You can create detectors to monitor and alert on various metrics and dimensions using the UI or the API.
Therefore, option A, B, and D are correct.

NEW QUESTION # 45
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