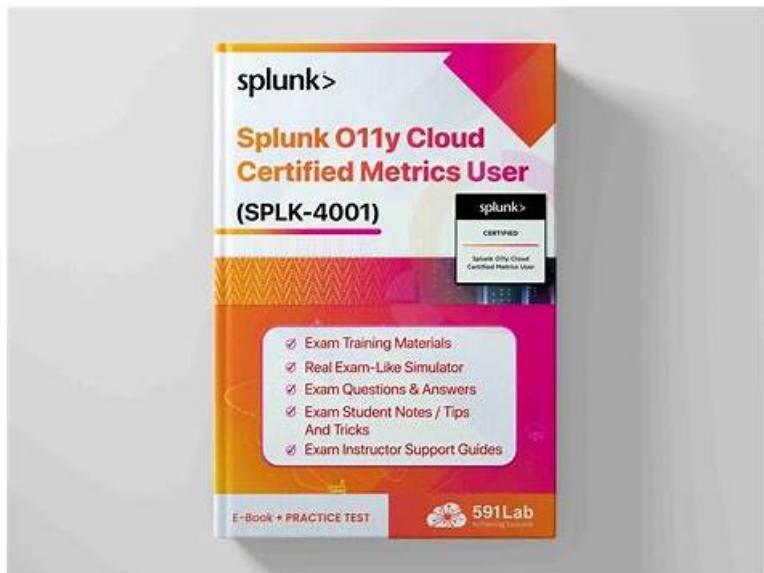


# Quiz Unparalleled SPLK-4001 Valid Exam Sims - Examinations Splunk O11y Cloud Certified Metrics User Actual Questions



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The SPLK-4001 exam covers the essential concepts, tools, and techniques required to collect, analyze, and visualize metrics data using Splunk. SPLK-4001 exam measures the individual's proficiency in areas such as configuring and managing metrics data sources, working with metrics data in Splunk, creating and configuring visualizations, and troubleshooting issues related to metrics data. Splunk is a leading observability platform, and the SPLK-4001 certification is a valuable asset for professionals who work with cloud environments.

The Splunk SPLK-4001 exam covers various topics such as the basics of metrics, the use of metrics for monitoring and analysis, and the troubleshooting of metrics data. SPLK-4001 exam also includes questions on the use of Splunk's O11y Cloud platform, including the use of dashboards, alerting, and anomaly detection. SPLK-4001 Exam is designed to test the ability of individuals to work with different data types, including logs, metrics, and traces.

The SPLK-4001 exam tests your ability to customize dashboards for visualization, configure alerts, and understand metrics data. Moreover, it evaluates your capacity to optimize data pipelines and design solutions that meet the needs of your organization. Successful completion of the exam, therefore, demonstrates the capability to navigate and exploit the full potentials of Splunk's cloud-based metric platform for best visibility and observability results.

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## Splunk O11y Cloud Certified Metrics User Sample Questions (Q43-Q48):

### NEW QUESTION # 43

Which of the following are supported rollup functions in Splunk Observability Cloud?

- A. 1min, 5min, 10min, 15min, 30min
- B. **average, latest, lag, min, max, sum, rate**
- C. std\_dev, mean, median, mode, min, max
- D. sigma, epsilon, pi, omega, beta, tau

**Answer: B**

Explanation:

Explanation

According to the Splunk O11y Cloud Certified Metrics User Track document<sup>1</sup>, Observability Cloud has the following rollup functions: Sum (default for counter metrics): Returns the sum of all data points in the MTS reporting interval. Average (default for gauge metrics): Returns the average value of all data points in the MTS reporting interval. Min: Returns the minimum data point value seen in the MTS reporting interval. Max:

Returns the maximum data point value seen in the MTS reporting interval. Latest: Returns the most recent data point value seen in the MTS reporting interval. Lag: Returns the difference between the most recent and the previous data point values seen in the MTS reporting interval. Rate: Returns the rate of change of data points in the MTS reporting interval. Therefore, option A is correct.

### NEW QUESTION # 44

Which of the following statements about adding properties to MTS are true? (select all that apply)

- A. Properties are sent in with datapoints.
- B. **Properties can be set in the UI under Metric Metadata.**
- C. Properties are applied to dimension key:value pairs and propagated to all MTS with that dimension
- D. **Properties can be set via the API.**

**Answer: B,D**

Explanation:

According to the web search results, properties are key-value pairs that you can assign to dimensions of existing metric time series (MTS) in Splunk Observability Cloud<sup>1</sup>. Properties provide additional context and information about the metrics, such as the environment, role, or owner of the dimension. For example, you can add the property use: QA to the host dimension of your metrics to indicate that the host that is sending the data is used for QA.

To add properties to MTS, you can use either the API or the UI. The API allows you to programmatically create, update, delete, and list properties for dimensions using HTTP requests<sup>2</sup>. The UI allows you to interactively create, edit, and delete properties for dimensions using the Metric Metadata page under Settings<sup>3</sup>. Therefore, option A and D are correct.

### NEW QUESTION # 45

With exceptions for transformations or timeshifts, at what resolution do detectors operate?

- A. **Native resolution**
- B. The resolution of the dashboard
- C. 10 seconds
- D. The resolution of the chart

**Answer: A**

Explanation:

Explanation

According to the Splunk Observability Cloud documentation<sup>1</sup>, detectors operate at the native resolution of the metric or dimension that they monitor, with some exceptions for transformations or timeshifts. The native resolution is the frequency at which the data points are reported by the source. For example, if a metric is reported every 10 seconds, the detector will evaluate the metric every 10 seconds. The native resolution ensures that the detector uses the most granular and accurate data available for alerting.

## NEW QUESTION # 46

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

**Answer: A**

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 deployed<sup>1</sup>. Splunk Observability Cloud has a feature that allows you to create detectors for ephemeral infrastructure without sending false notifications of instances being down<sup>2</sup>. 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 # 47

The alert recipients tab specifies where notification messages should be sent when alerts are triggered or cleared. Which of the below options can be used? (select all that apply)

- A. Export to CSV.
- B. Send to email addresses.
- C. Invoke a webhook URL.
- D. Send an SMS message.

**Answer: B,C,D**

Explanation:

Explanation

The alert recipients tab specifies where notification messages should be sent when alerts are triggered or cleared. The options that can be used are:

Invoke a webhook URL. This option allows you to send a HTTP POST request to a custom URL that can perform various actions based on the alert information. For example, you can use a webhook to create a ticket in a service desk system, post a message to a chat channel, or trigger another workflow<sup>1</sup>. Send an SMS message. This option allows you to send a text message to one or more phone numbers when an alert is triggered or cleared. You can customize the message content and format using variables and templates<sup>2</sup>. Send to email addresses. This option allows you to send an email notification to one or more recipients when an alert is triggered or cleared. You can customize the email subject, body, and attachments using variables and templates. You can also include information from search results, the search job, and alert triggering in the email<sup>3</sup>. Therefore, the correct answer is A, C, and D.

1: <https://docs.splunk.com/Documentation/Splunk/latest/Alert/Webhooks> 2:

<https://docs.splunk.com/Documentation/Splunk/latest/Alert/SMSnotification> 3:

<https://docs.splunk.com/Documentation/Splunk/latest/Alert/Emailnotification>

## NEW QUESTION # 48

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