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What you will learn: Overview

The purpose of this exercise is to have a basic understand on how you can easily use built-in monitoring capabilities to monitor your AEM queue(s).

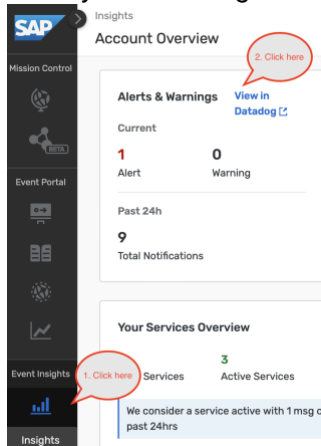
Prerequisites

- You have already created **CILegacyAdapterIn** queue.

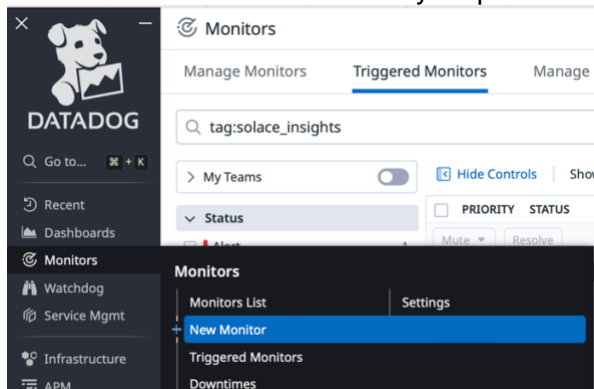
AEM Monitoring Setup

In this task, you will be creating a new monitor in DataDog for monitoring a Queue called “**CILegacyAdapterIn**”. This monitor will be expected to generate an email alert whenever the queue has more than “2” messages in it. We are keeping it “2” and not a very high number, so that we can finish this exercise quickly. In an ideal world, you would be keeping no. high, based on your monitoring requirements.

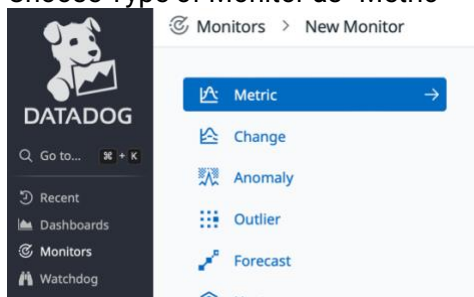
1. Go to your DataDog UI from AEM Insights.



2. Create a new Monitor to monitor you queue.



3. Choose Type of Monitor as "Metric"



4. Follow the instructions from the screen below to create your alerting monitor.

Define the metric values (For **Copy pasting** these values)

a: `queues.queue.info.num_messages_spooled`

from: `service_name: <<<Your broker service name>>>, queue_name: CILegacyAdapterIn`

- 1 Choose the detection method

☒ Threshold Alert
 ☐ Change Alert
 ☐ Anomaly Detection
 ☐ Outliers Alert
 ☐ Forecast Alert
 ☐ Watchdog

An alert is triggered whenever a metric crosses a threshold. ?
- 2 Define the metric

Source

Edit

a

queues.queue.info.num_messages_spooled

from

service_name:sap-workshop

×

max by

queue_name

×

Σ

+ Add Query

+ Add Formula

Evaluation Details

Evaluate the

Of the query over the

Of

maximum

custom rolling window

1

minutes
- 3 Set alert conditions

Trigger when the evaluated value is above or equal to the threshold for any queue_name

Alert threshold:

>=

2

Warning threshold:

>=

1

Do not notify

if data is missing.

?

4 Notify your team

Edit Preview

[Insights] System Message Spool

H B I S

@ {{

```

{{#is_no_data}}

{{/is_no_data}}{{#is_alert}}@sumeet.koshal@solace.com

{{/is_alert}}{{#is_warning}}{{^is_alert_to_warning}}

{{/is_alert_to_warning}}{{/is_warning}}{{#is_alert_recovery}} @sumeet.koshal@solace.com

{{/is_alert_recovery}}{{#is_warning_recovery}}

{{/is_warning_recovery}}

```

Add Mention
 Add Workflow
 Add Case
 2 Emails

Notification Options

Content displayed in notification Default

☐ Include triggering tags in notification title

Renotification

Send notifications for alert status periodically as long as the monitor has not recovered

☒ If this monitor stays in Alert No Data renotify every 30 minutes

☒ Stop renotifying after 2 occurrences.

Aggregation

☐ Simple Alert - Send a single notification when at least one combination of queue_name meets the condition.

☒ Multi Alert - Send a notification for each queue_name meeting the condition.

5 Define permissions and audit notifications

Restrict editing of this monitor to Datadog Admin Role and sumeet.koshal@solace.com (creator)

Do not notify If this monitor is modified, notify monitor creator and alert recipients.

Delete

Test Notifications

Export Monitor

Cancel

Save

- Click on Save above, and you are now ready to receive notification alerts!
- In order to see alerts in action, publish few sales orders and check your mailbox.

Takeaways

- ✓ How simple it is to create a Monitor for monitoring various metrics available in AEM

