Alerting: Creating webhook actions

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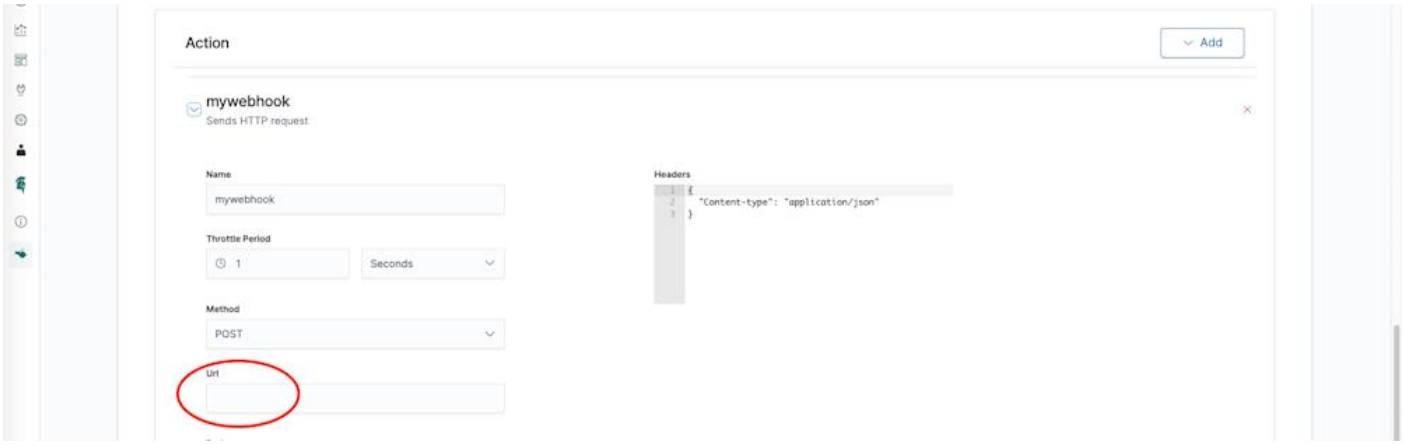
In this part of our series we will create a new webhook action and then use it to send notifications to it.

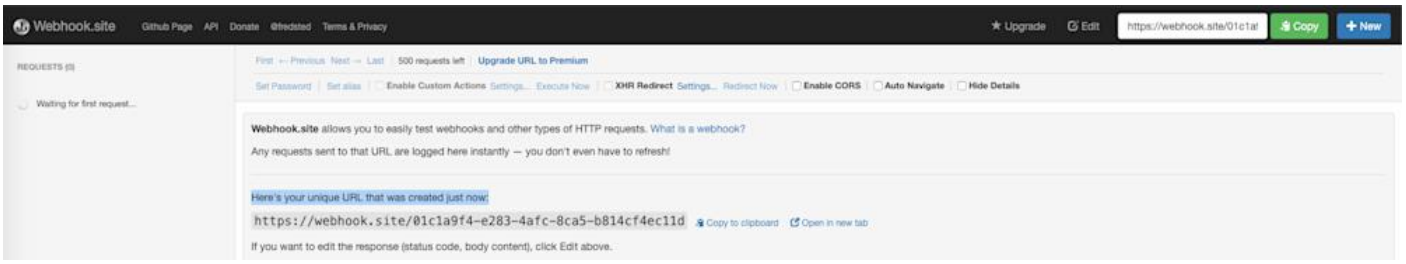
Webhook actions

For the webhook action, find the **Add** button in the Action panel header, click it and select **Webhook** in the menu.

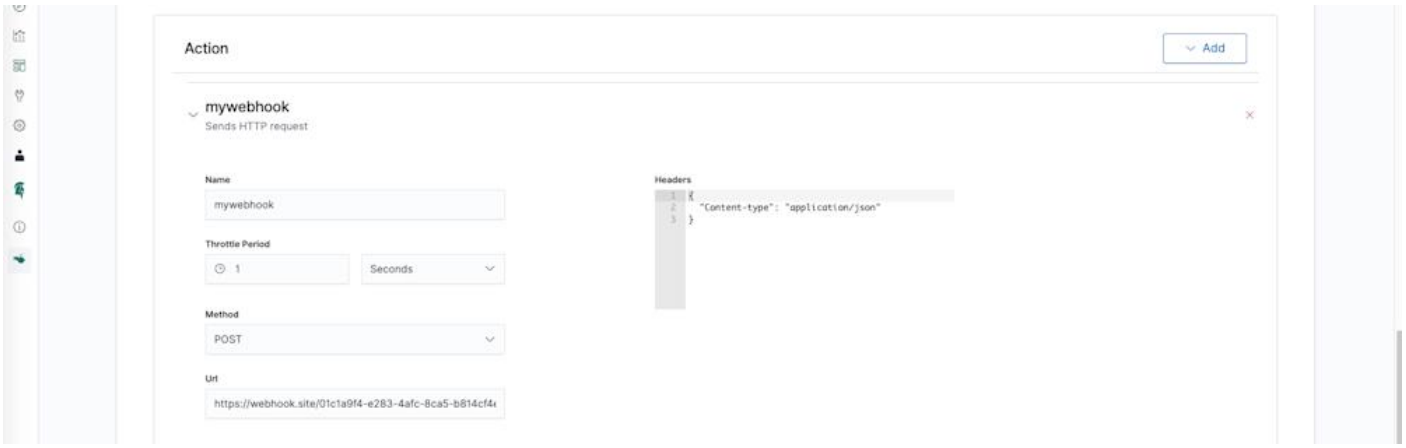
Now you see the webhook action form with the empty **Url** field.



The **Url** field is a required field. To get a webhook URL for this test, go to https://webhook.site/. There you find the URL created for you under *Here's your unique URL...* text. Copy it.



Now, go back to Signals app and paste the URL in the **Url** field of the Webhook action.



Scroll down to Body and put the following text in the text area:

```
Avg ticket price: {{data.mysearch.aggregations.metricAgg.value}}
```

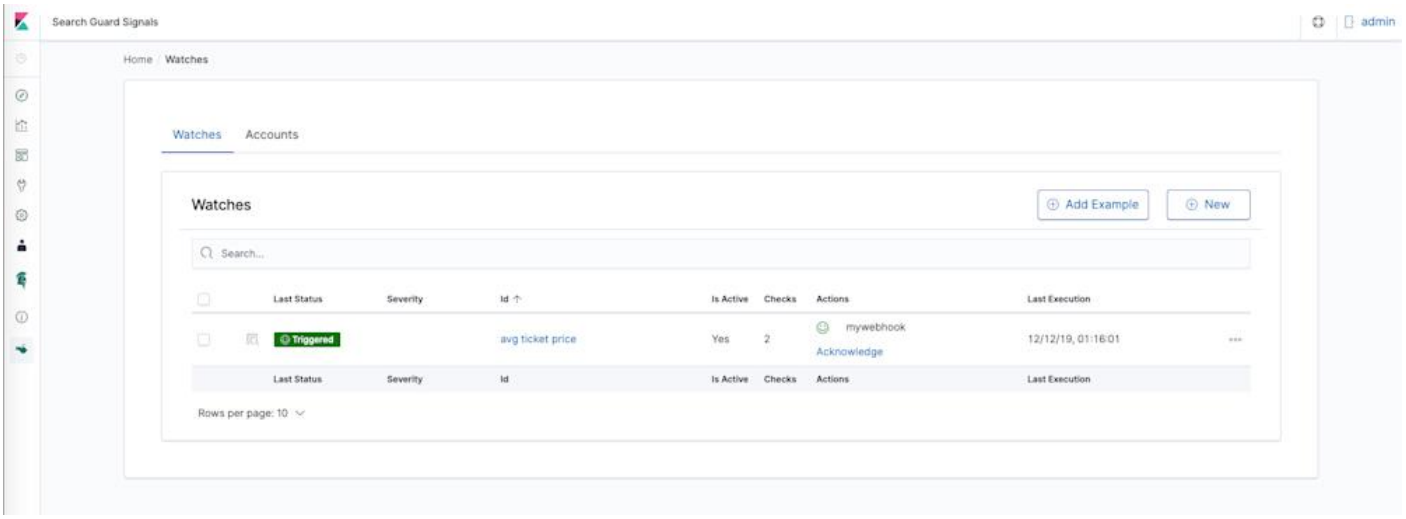
Notice, you can use Mustache to get access to the watch response object and create nice templates. The keys **data.mysearch** are constant keys that are used by the wizard watch to store Elasticsearch response body and aggregation results. The aggregation values are available behind **metricAgg** and **dateAgg** constant keys. In the **Preview** text area, you can see the response created by the Mustache template. This message will be sent to the webhook server.

Note that in the near feature, we will also provide a possibility to see the Elasticseatrch response directly from the action form. Now you can see the response in other watch modes: Json and Blocks. Also, the response is provided in the browser console with the verbose mode enabled.

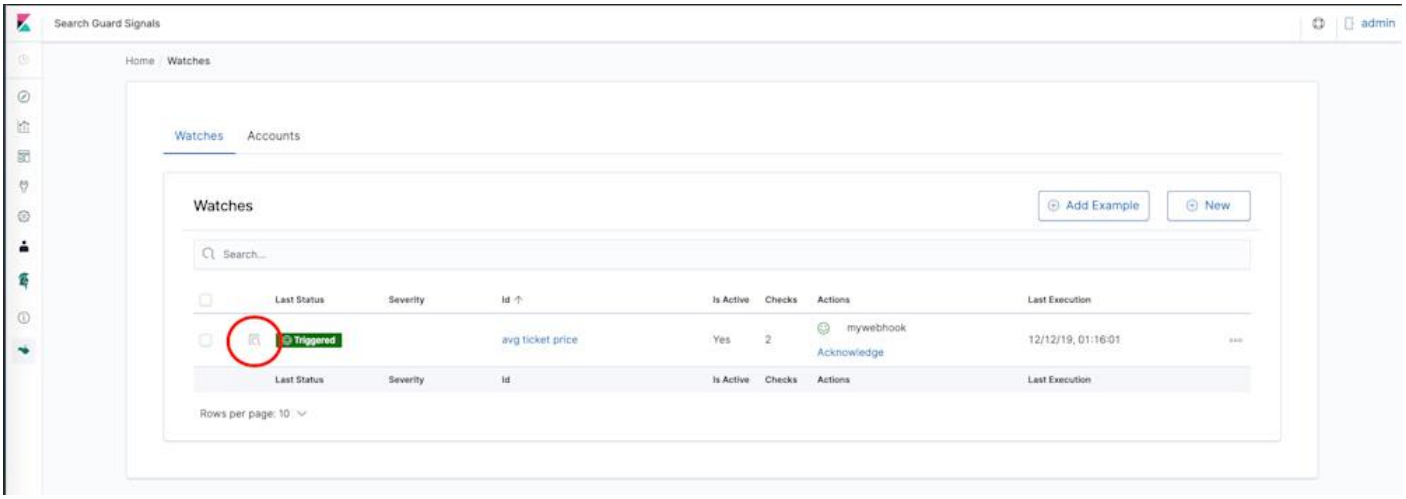
Click the **Create** button to store the watch.

Results

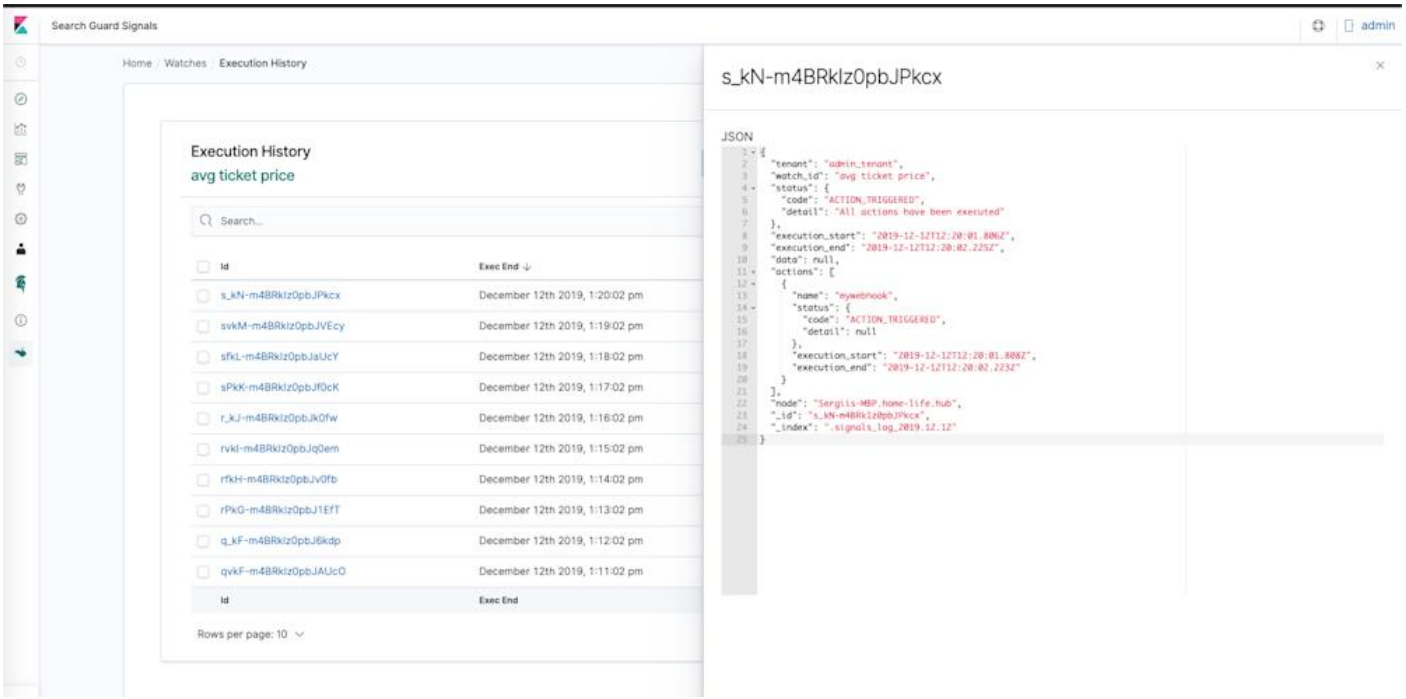
You will be redirected to the **Watches** page. Now, the table contains the watch. The *Last Status* of the watch should be *Triggered*.



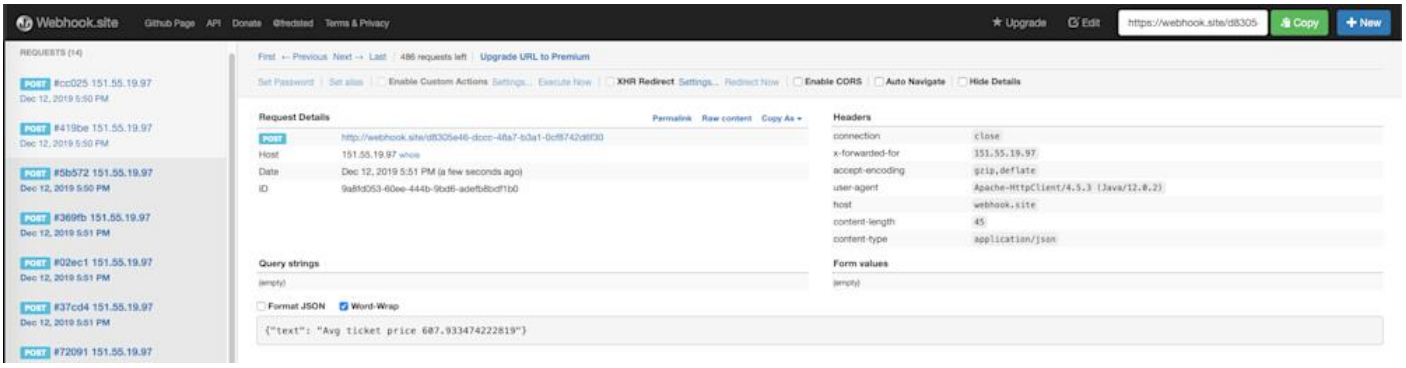
To inspect the watch action, click the **inspect** button.



You will be redirected to the Execution History page where you can see the watch responses. Click on an **Id** and see the details.

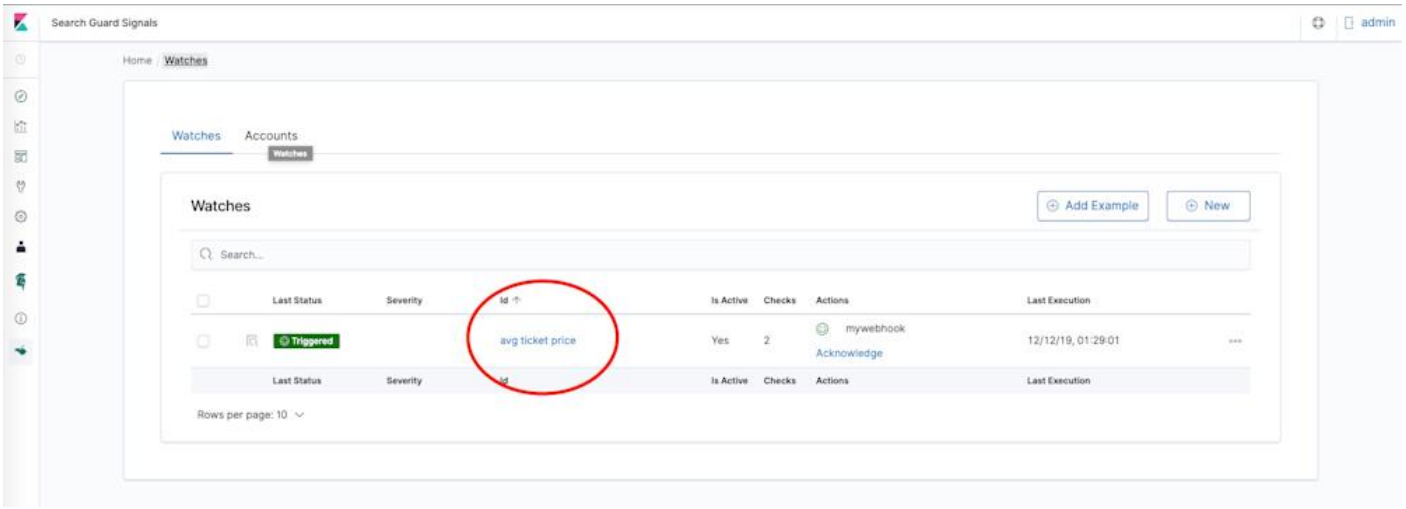


Finally, go back to https://webhook.site/ and see your POST has arrived.

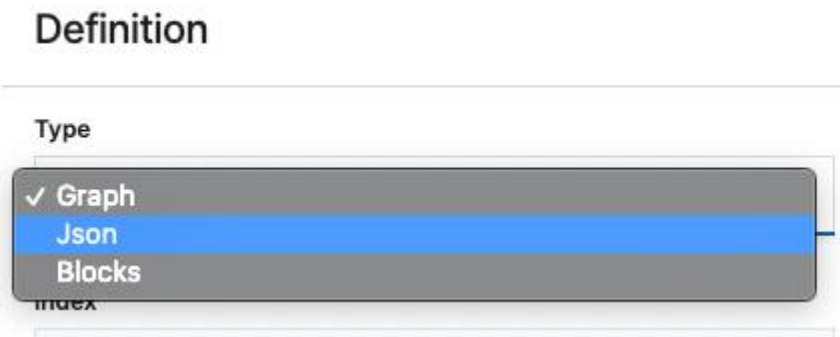


Activating the JSON mode

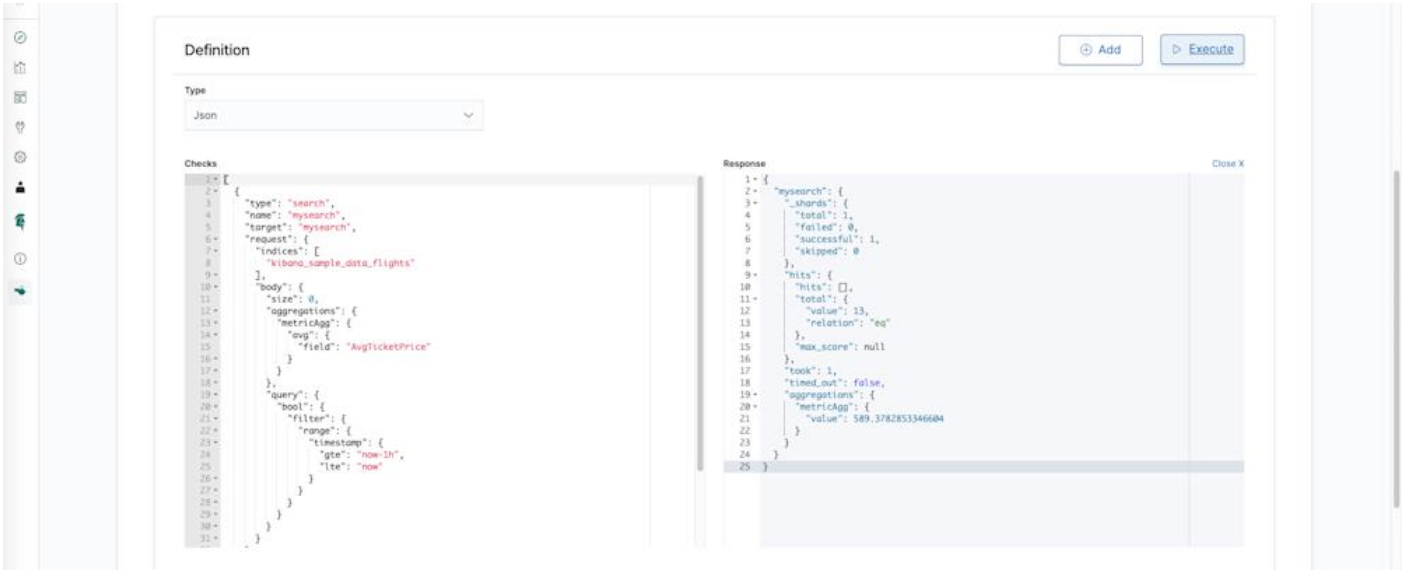
Let's see more about the wizard watch query, condition, and Elasticsearch response. Go to Watches table and click on the watch **Id**.



While on the Define Watch page, scroll down to the Definition panel and change **Type** to **Json**.



Now you see the watch query in the **Checks** text area. Click on the **Execute** button and you see the Elasticsearch response. You can edit the watch query and condition and execute the watch to see new results.



Where to go next

- Read the next part of this series on how to add actions (coming soon)
- Read the previous part of this series on how to use the Kibana graph mode
- Read the previous part of this series on how to use the Kibana block mode
- Deep dive into Signals by reading our fine documentation
- Ask any question on our Signals Alerting forum

Image: Shutterstock / Ateverna

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