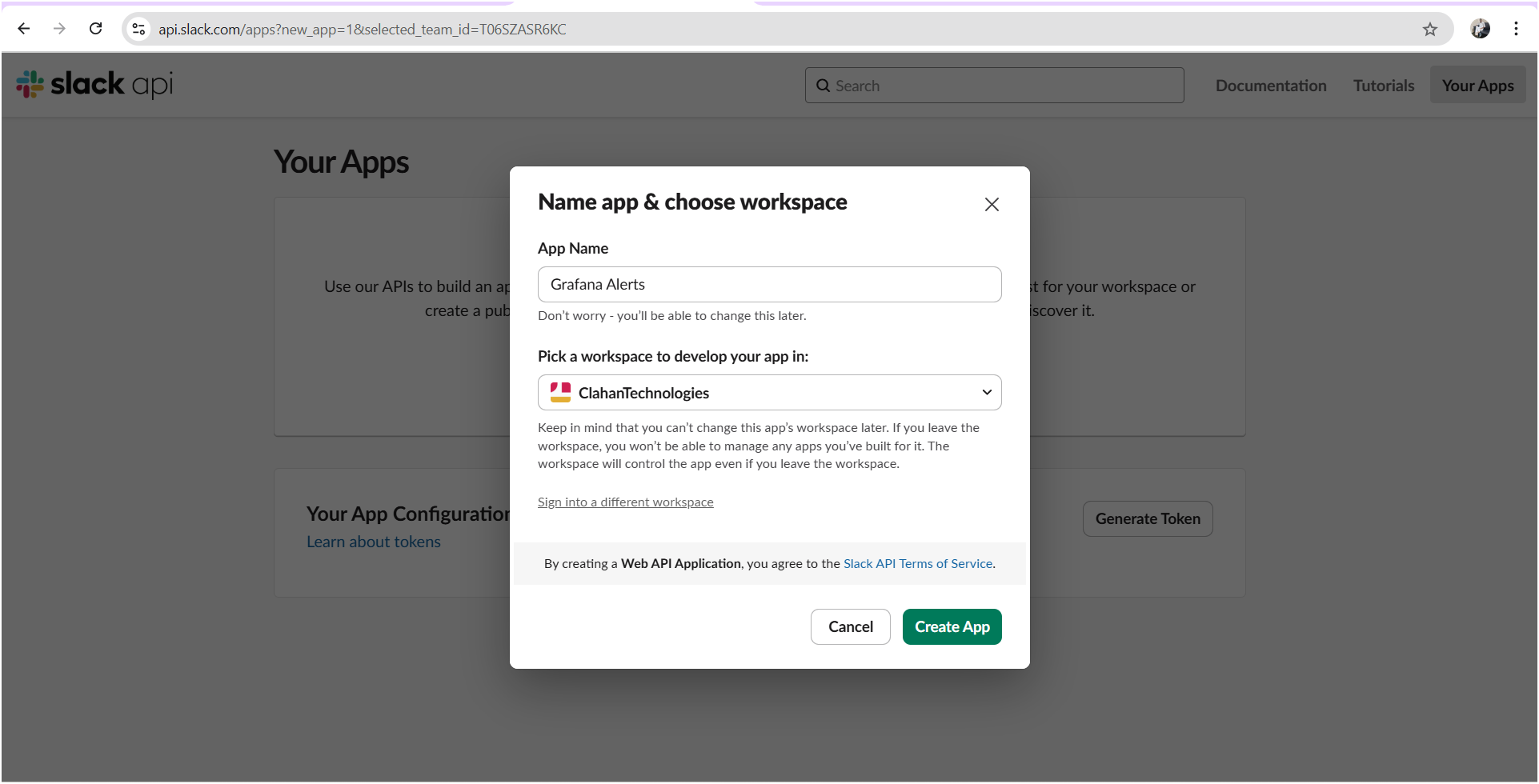
# **How to set up alerts to slack from Grafana**

**1. Go to Slack API Site**

👉 Open this link in your browser:  
[**https://api.slack.com/apps**](https://api.slack.com/apps)

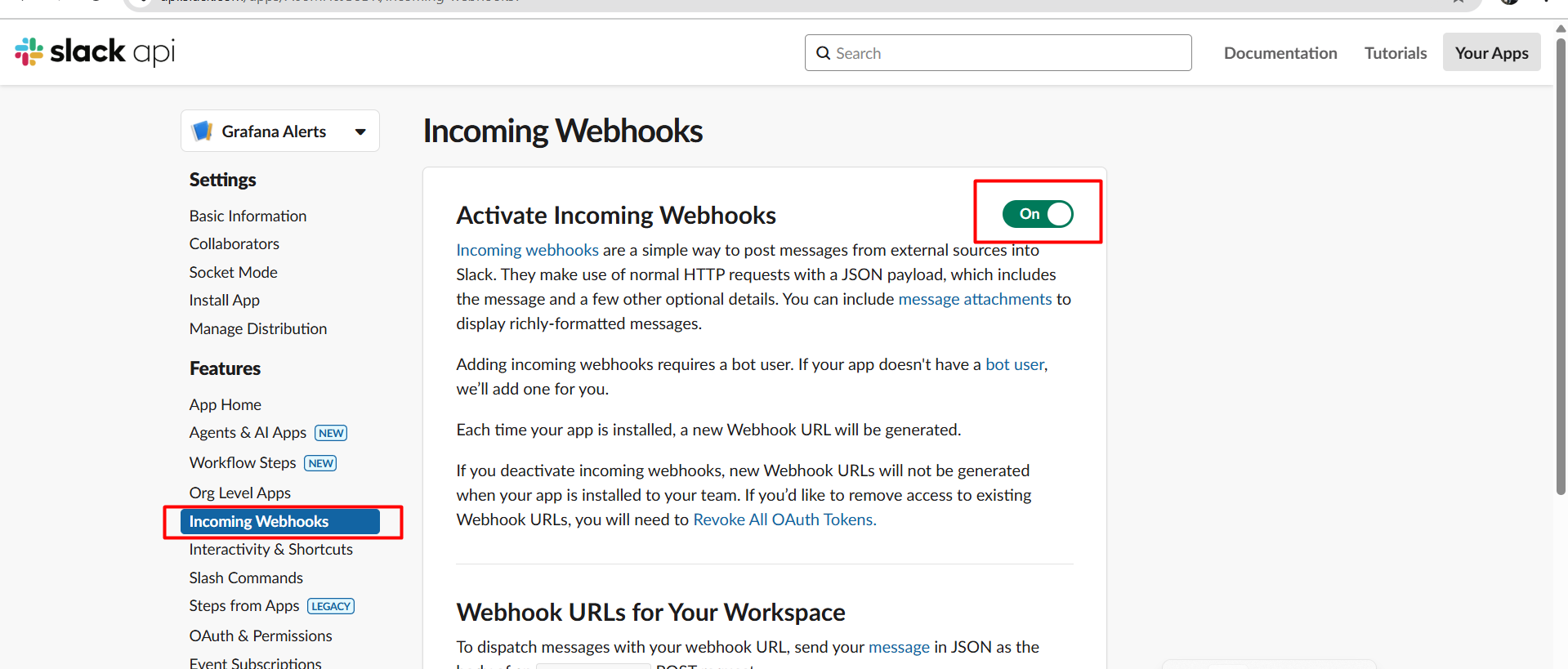
**2. Create a New App**

* Click **"Create New App"**
* Choose **"From scratch"**
* **App name**: Grafana Alerts (or anything you like)
* **Workspace**: Choose your current workspace (ClahanTechnologies)
* Click **Create App**



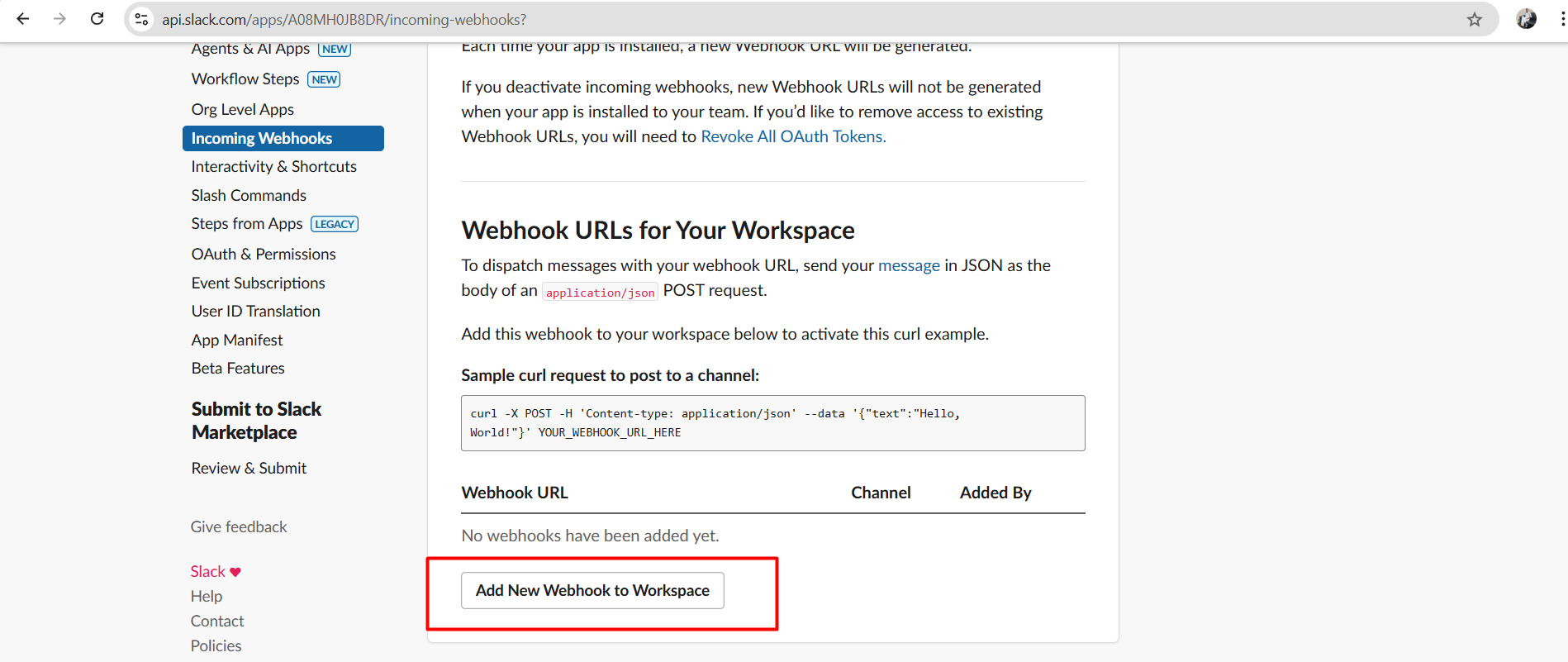
**3. Enable Incoming Webhooks**

* In the left menu, click **"Incoming Webhooks"**
* Toggle ON **Activate Incoming Webhooks**

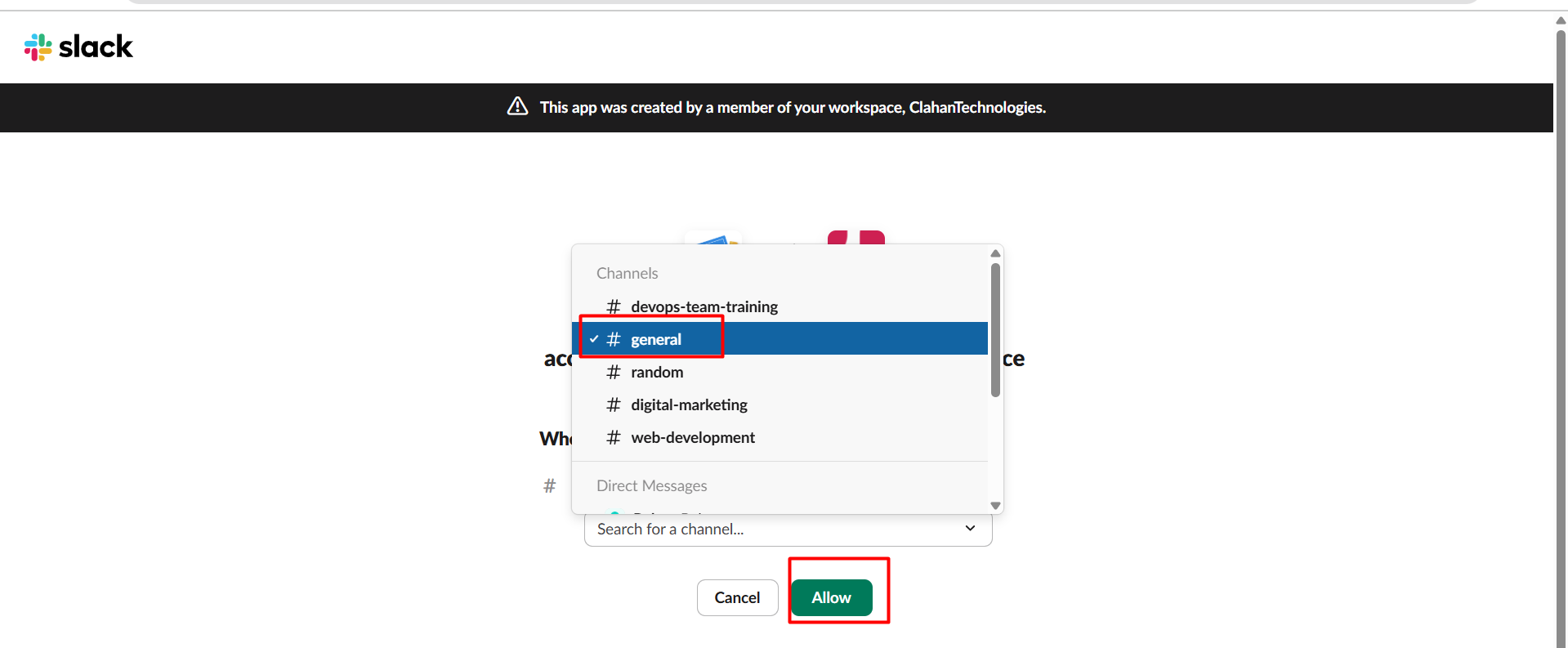


**4. Add a Webhook URL**

* Scroll down to **Webhook URLs for Your Workspace**
* Click **"Add New Webhook to Workspace"**



* Choose the **#general** channel (or #devops-team-training)
* Click **Allow**

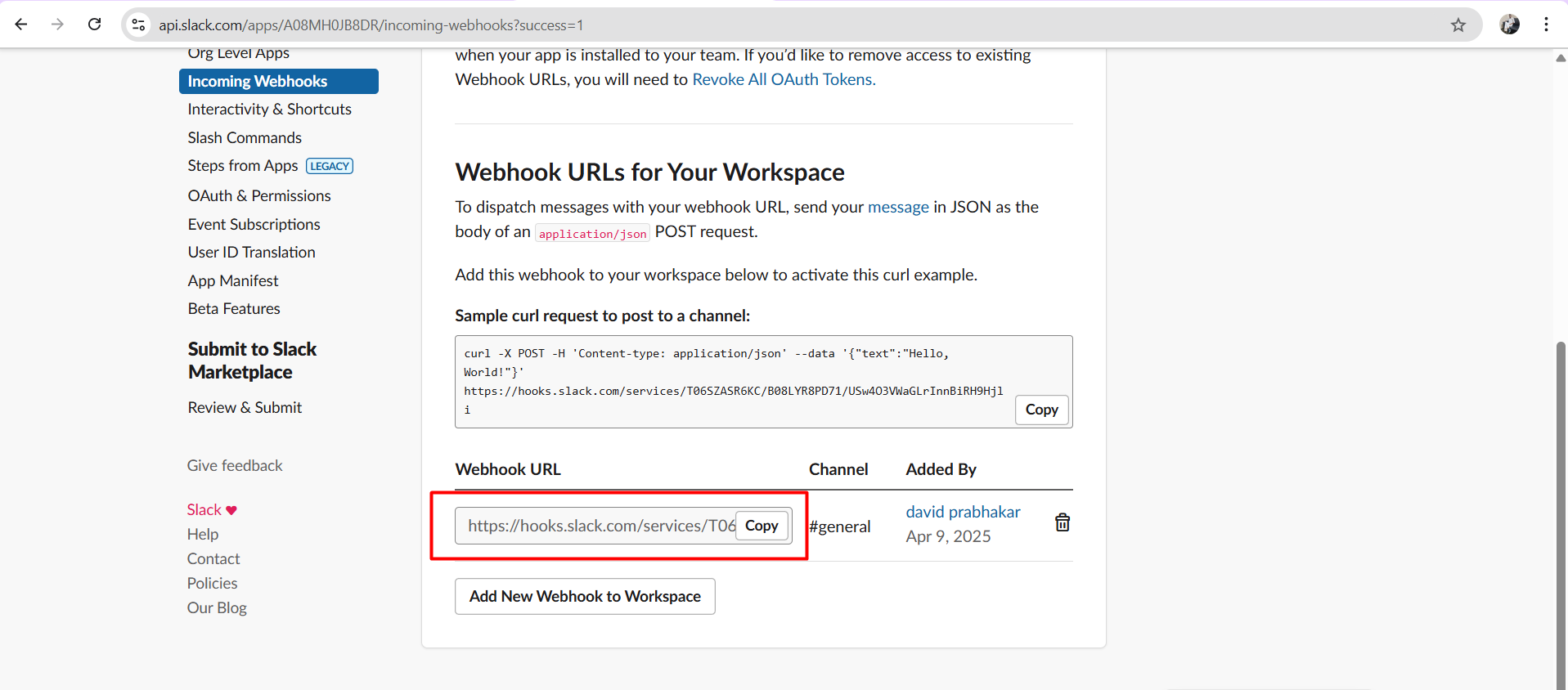


**5. Copy the Webhook URL**

* You'll now see something like:

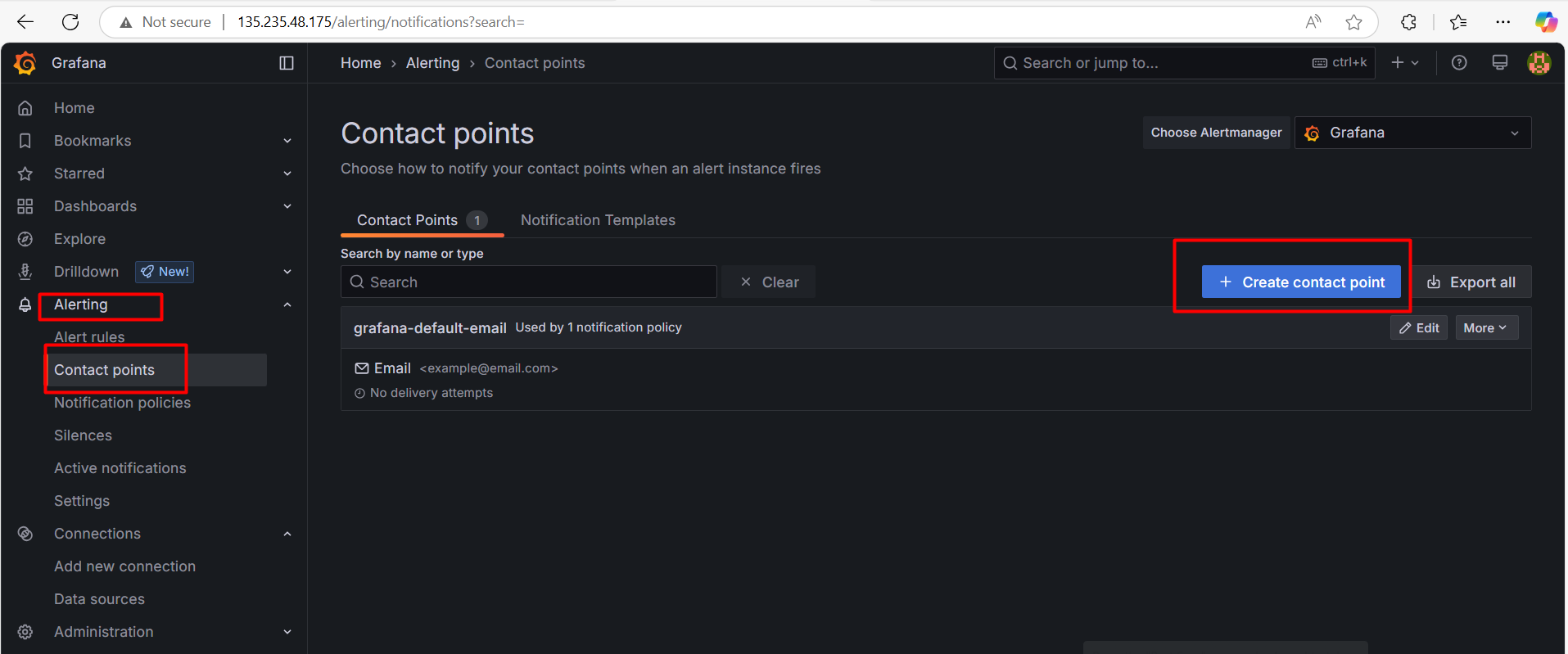
https://hooks.slack.com/services/T00000000/B00000000/XXXXXXXXXXXXXXXXXXXXXXXX

* Copy this URL — this is what you’ll paste into Grafana.

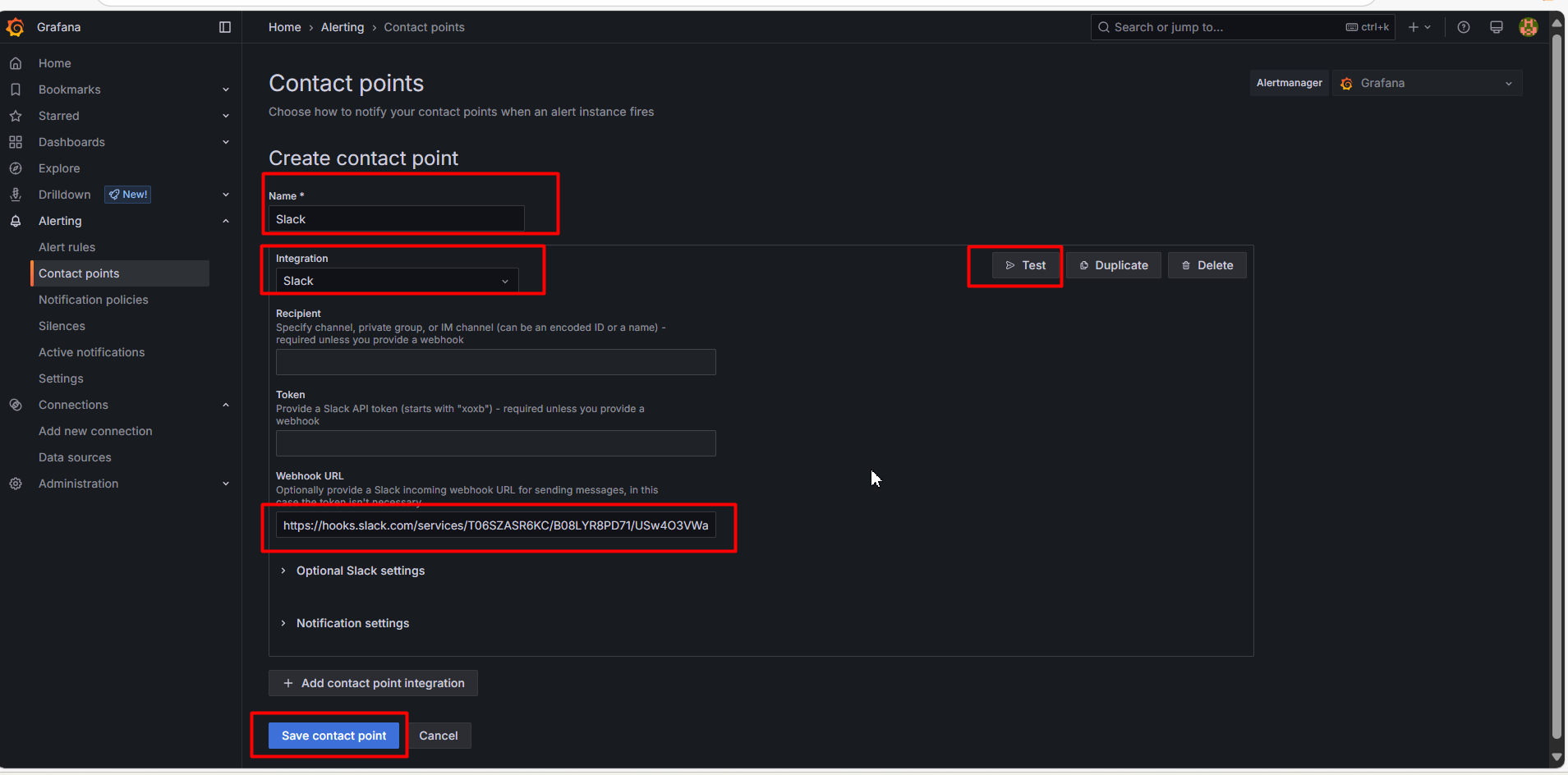


**✅ Step: Add This Webhook to Grafana**

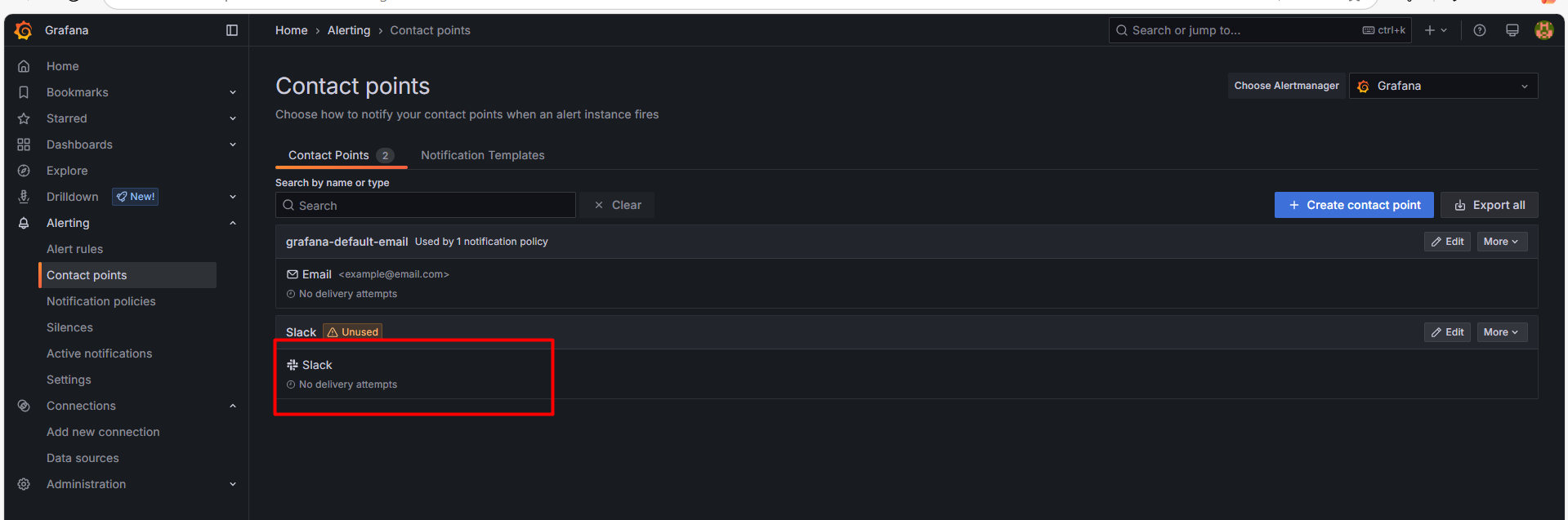
1. Open Grafana
2. Go to **Alerting → Contact points**
3. Click **"New contact point"**



1. Type: **Slack**
2. Paste the Webhook URL
3. Name: Slack Alerts
4. Save

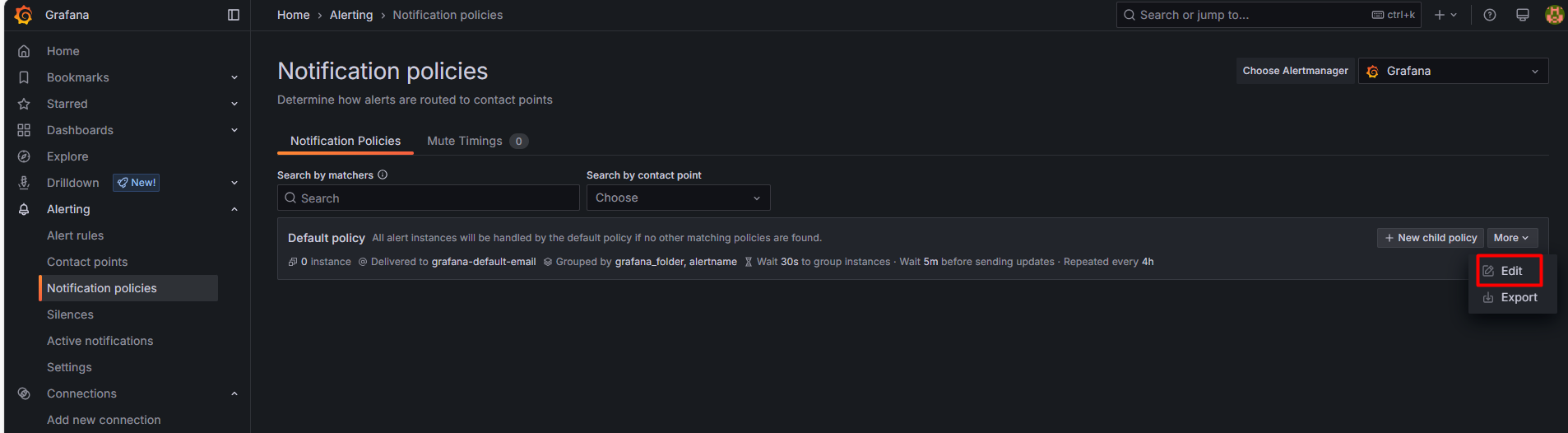


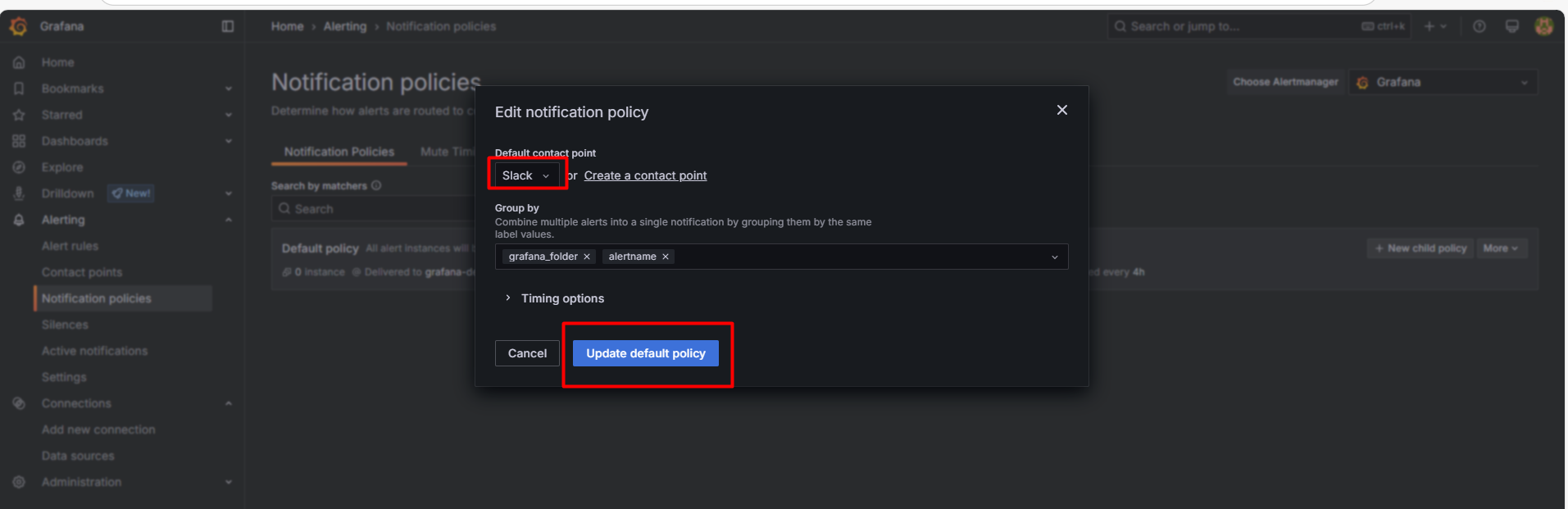
Now all alerts can be routed to this Slack channel 🎯

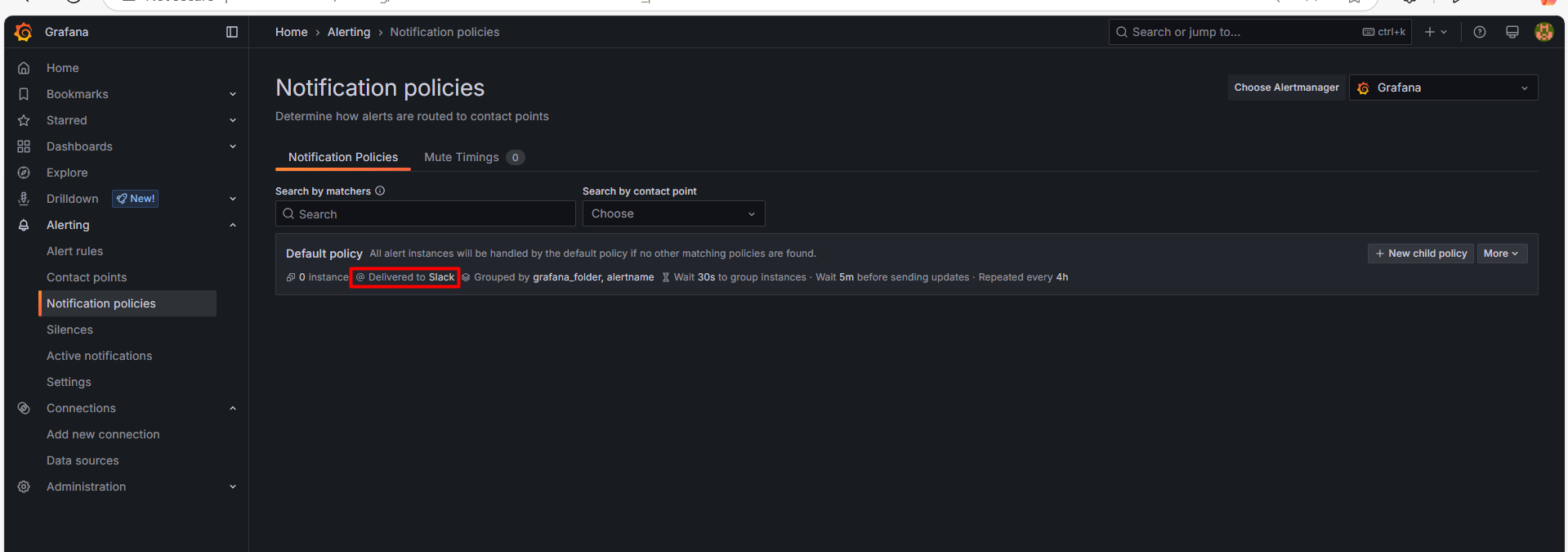


**🔔 Final Step After Saving:**

* Go to **Alerting > Notification policies**
* Click to **Add a new policy** or **edit an existing one**
* Set your **new Slack contact point** under "Send to"
* Define matching **conditions** or leave as default to send all alerts







## **How to set up Alerts in Grafana**

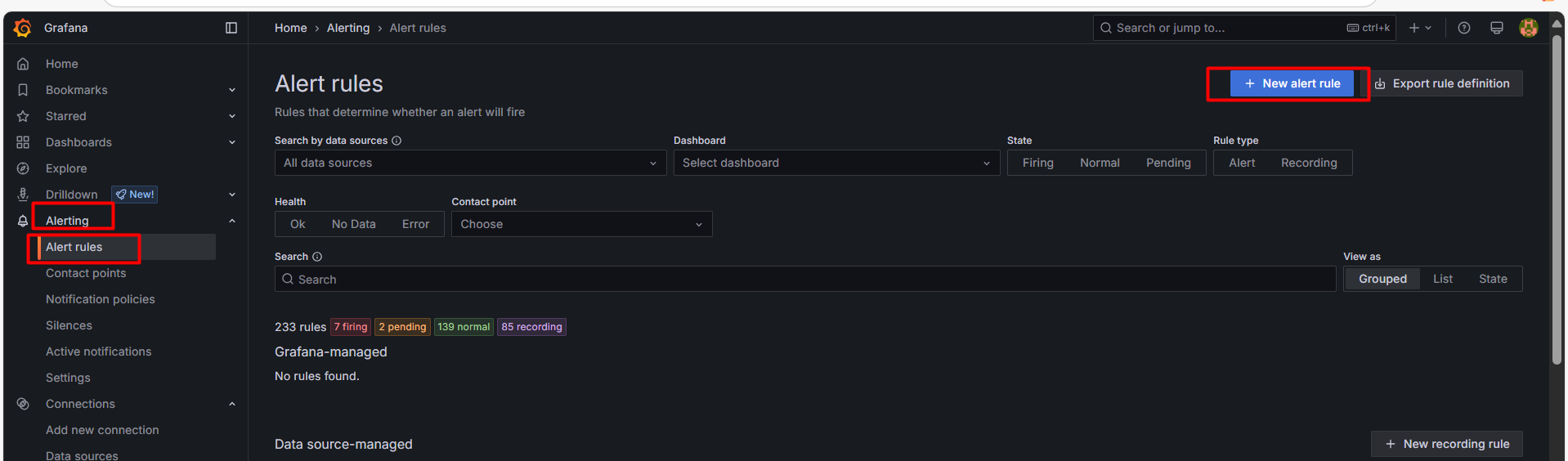
**🧠 Prerequisites**

* ✔ Grafana is running.
* ✔ Prometheus is your data source and collecting metrics from your cluster.
* ✔ Slack Webhook is connected in **Grafana → Alerting → Contact Points**.
* ✔ You’re using **Grafana v8+**, which supports **Unified Alerting**.

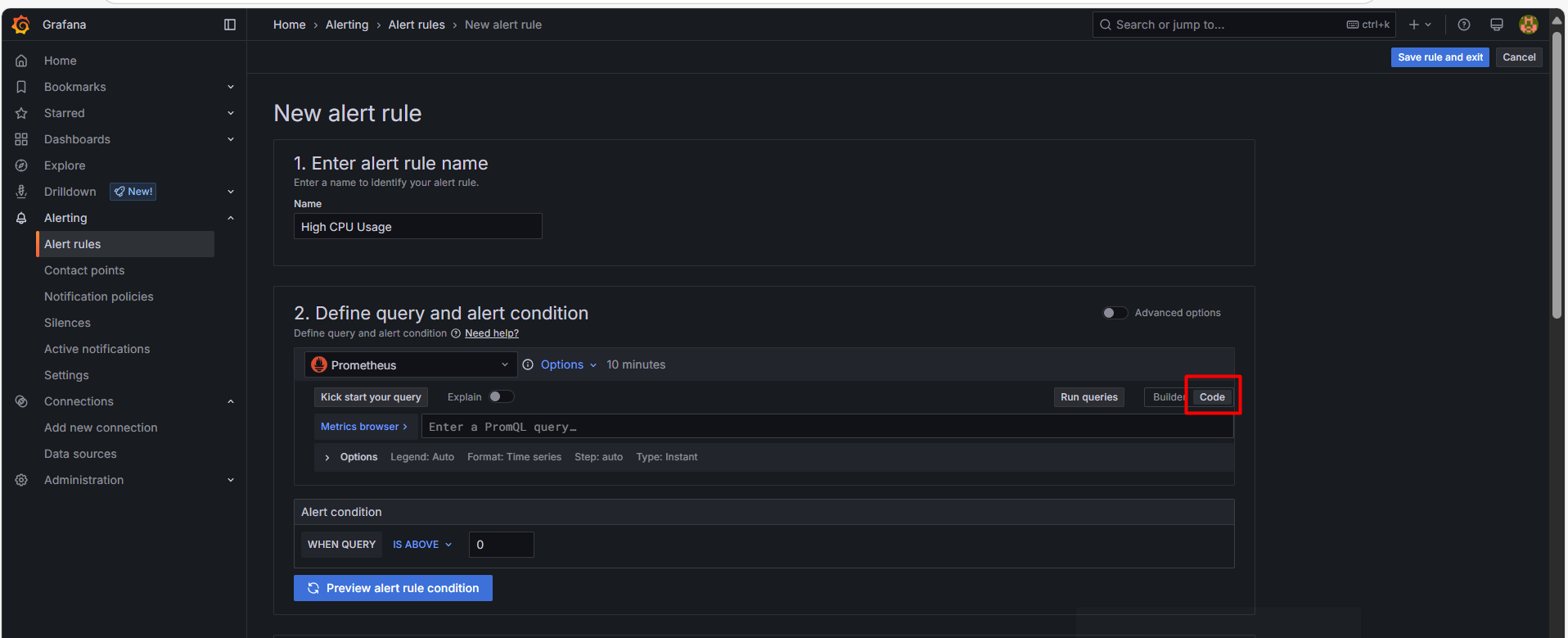
**🔔 Alert #1: High CPU Usage**

**📍 Create Alert Rule**

1. Go to **Grafana → Alerting → Alert Rules**
2. Click **➕ New alert rule**

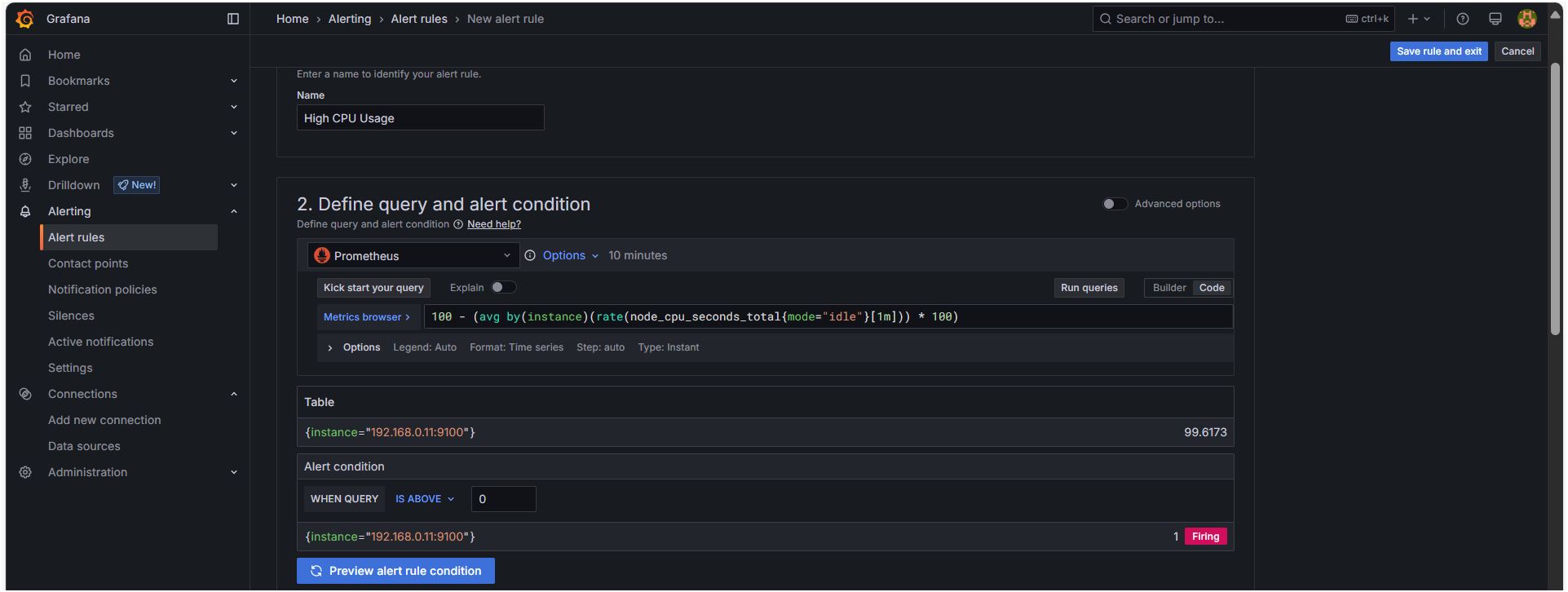


1. Name: High CPU Usage
2. Data source: Prometheus
3. Query: (to add query switch to code mode from build mode)



* Now add below query

100 - (avg by(instance)(rate(node\_cpu\_seconds\_total{mode="idle"}[1m])) \* 100)

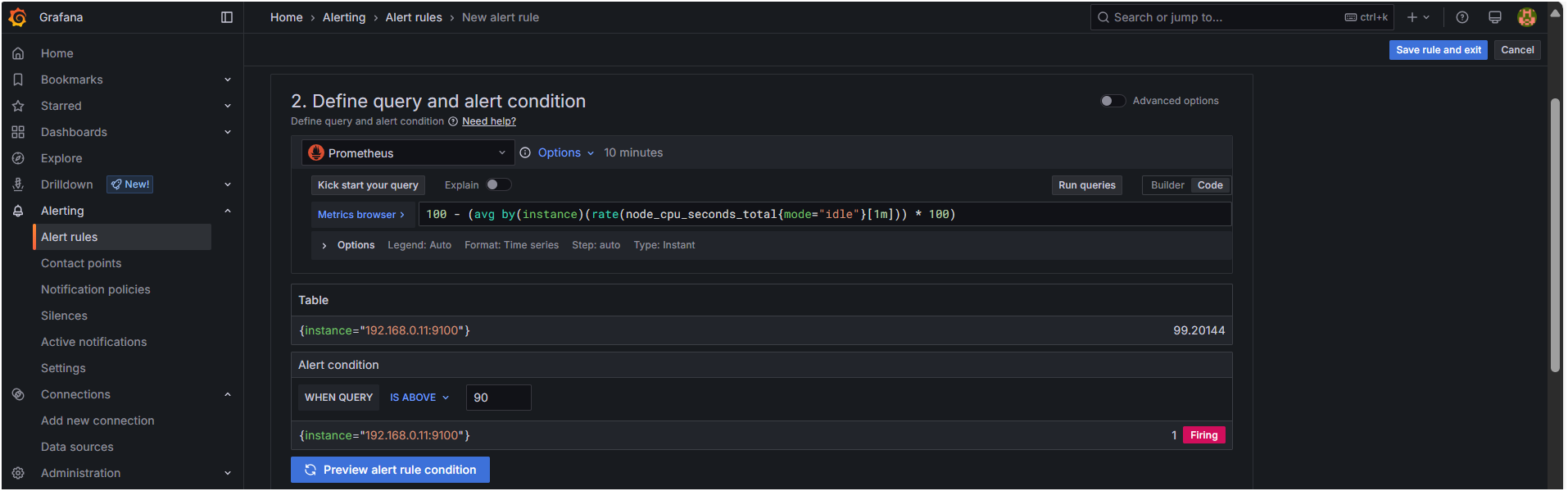


1. Set Condition:

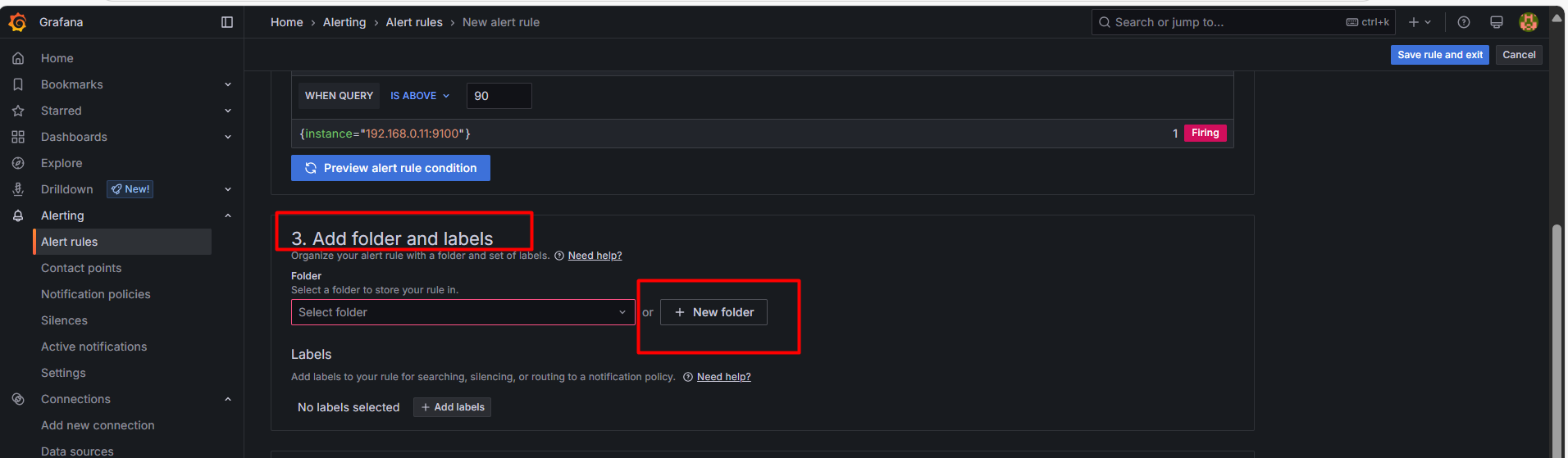
WHEN last() OF A IS ABOVE 90

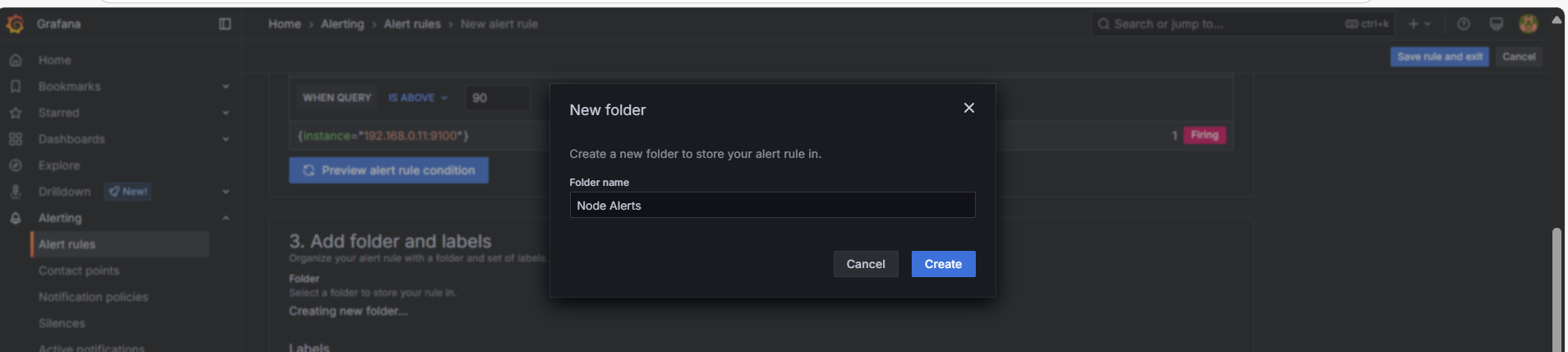
FOR 5m

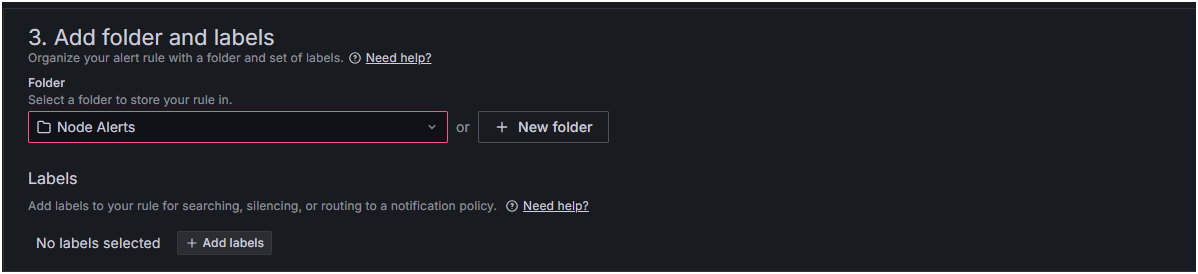




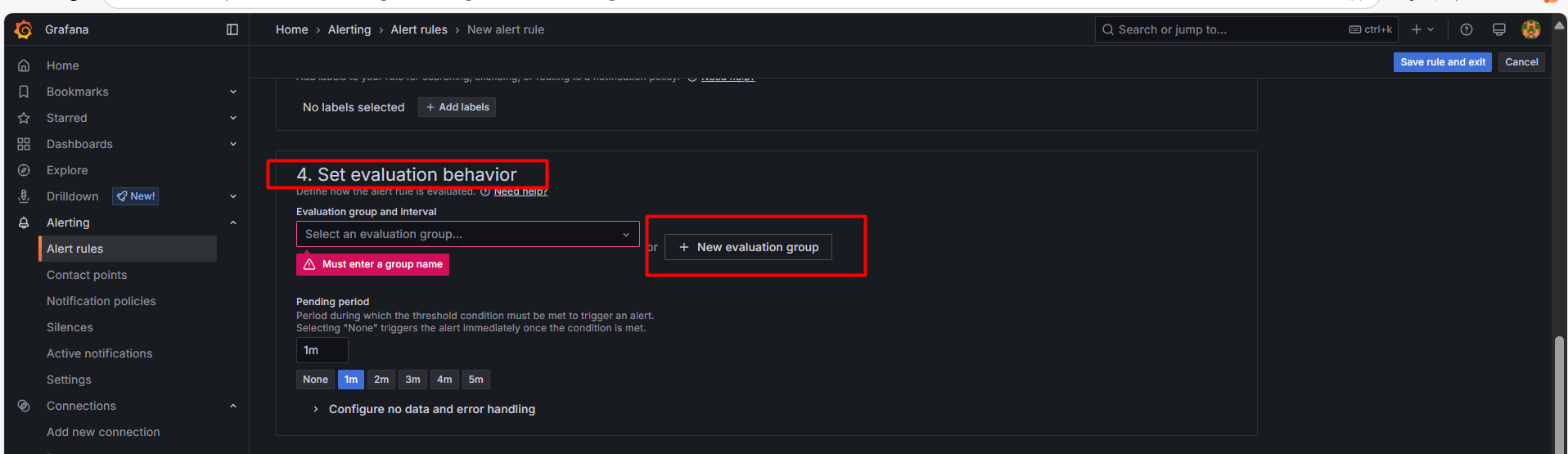
* Next need to add folder 👇

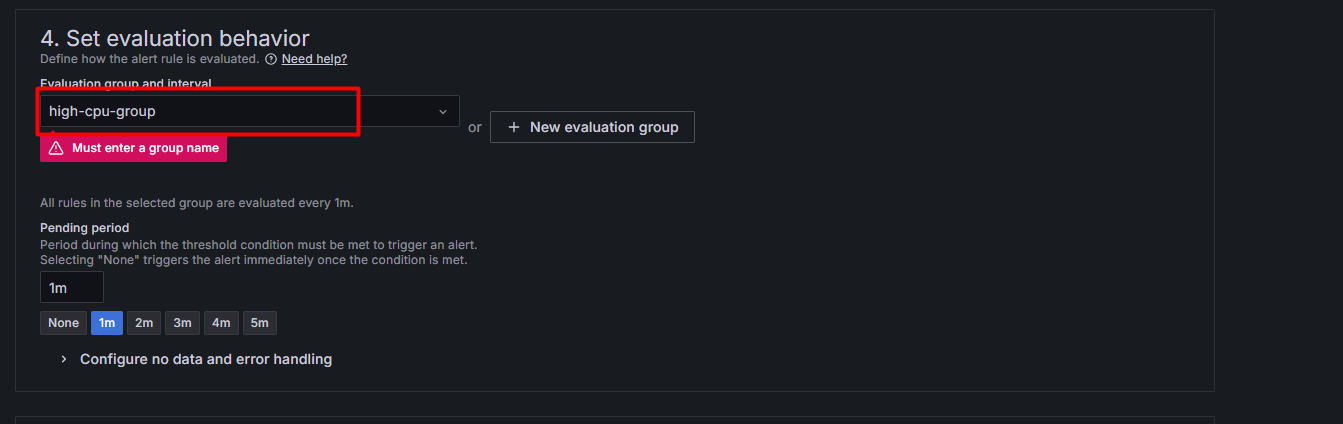




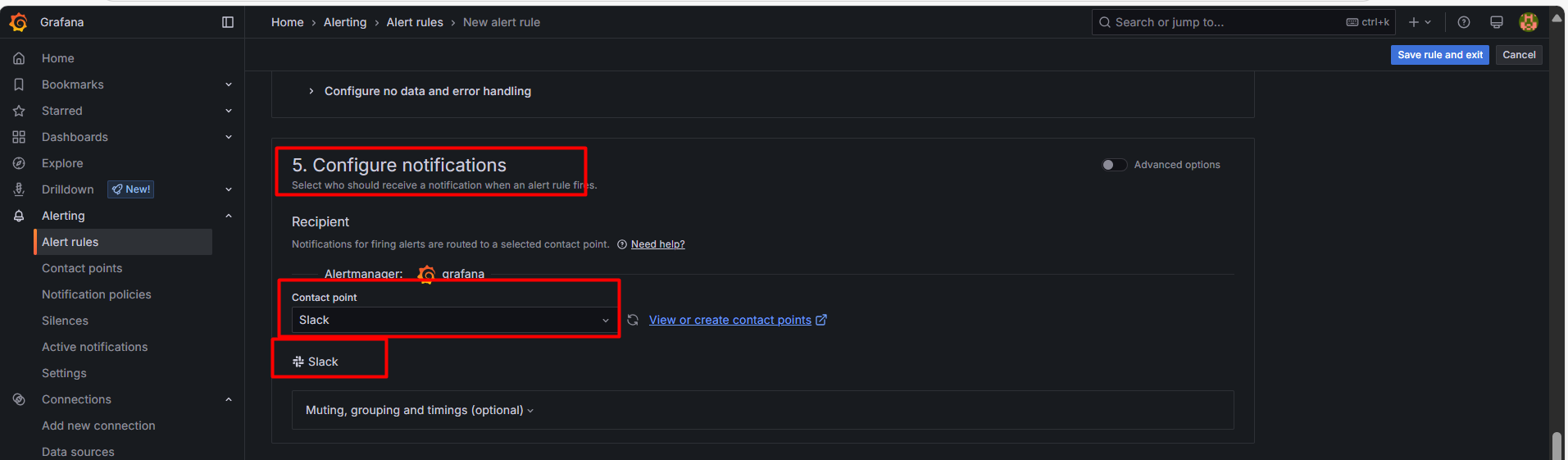


* Next need to Create or Choose an Evaluation Group

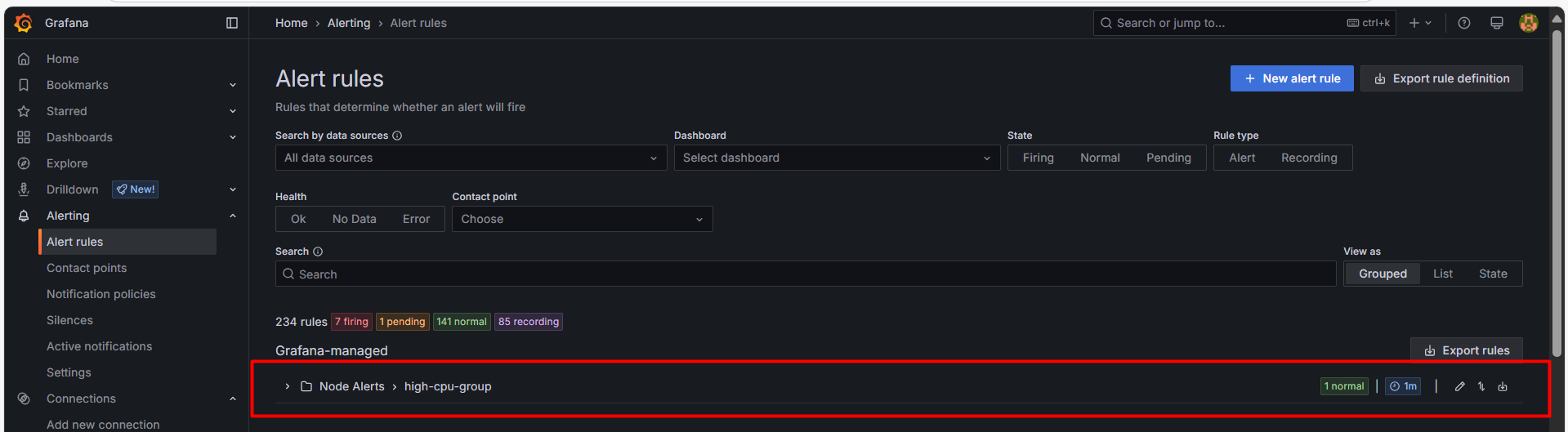




* Next step do as below pic 👇



* Finally alert rule has been created 👇



* Final step sav rule and exit

