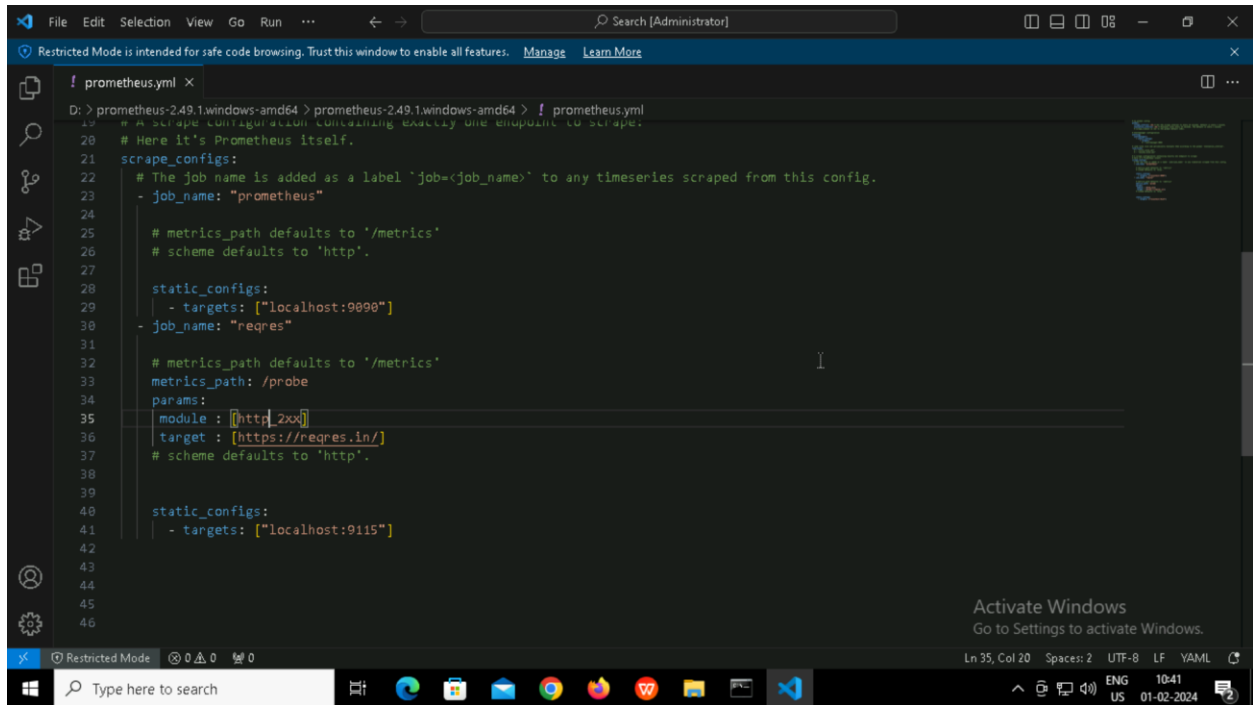


Yaml file



```
File Edit Selection View Go Run ... Search [Administrator]
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
! prometheus.yml x
D:\> prometheus-2.49.1.windows-amd64 > prometheus-2.49.1.windows-amd64 > ! prometheus.yml
19 # A scrape configuration containing exactly one endpoint to scrape.
20 # Here it's Prometheus itself.
21 scrape_configs:
22   # The job name is added as a label `job=<job_name>` to any timeseries scraped from this config.
23   - job_name: "prometheus"
24
25     # metrics_path defaults to '/metrics'
26     # scheme defaults to 'http'.
27
28     static_configs:
29       - targets: ["localhost:9090"]
30   - job_name: "reqres"
31
32     # metrics_path defaults to '/metrics'
33     metrics_path: /probe
34
35     params:
36       module: [http_2xx]
37       target: [https://reqres.in/]
38     # scheme defaults to 'http'.
39
40     static_configs:
41       - targets: ["localhost:9115"]
42
43
44
45
46
Ln 35, Col 20 Spaces: 2 UTF-8 LF YAML
Type here to search
```

Prometheus

Prometheus Time Series Collect x prometheus_assignment - Prom x +

localhost9090/graph?g0.expr=probe_http_content_length%7Binstance%3D%27localhost%3A9115%27%2Cjob%3D%27reqres%27%7D&g0.tab=1&g0.disp...

Prometheus Alerts Graph Status Help

Use local time

Enable query history

Enable autocomplete

Enable highlighting

Enable linter

probe_http_content_length(instance="localhost:9115",job="reqres")

Execute

Table

Graph

Load time: 13ms Resolution: 14s Result series: 1

<

Evaluation time

>

probe_http_content_length(instance="localhost:9115",job="reqres")

-1

Remove Panel

Add Panel

Activate Windows
Go to Settings to activate Windows.

Type here to search

Prometheus Time Series Collect x prometheus_assignment - Prom x +

localhost9090/targets?search=

Prometheus Alerts Graph Status Help

Targets

All scrape pools

All Unhealthy Collapse All

Filter by endpoint or labels

Unknown

Unhealthy

Healthy

prometheus (1/1 up) show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost9090/metrics	UP	instance="localhost:9090" job="prometheus"	5.377s ago	6.051ms	

reqres (1/1 up) show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost9115/probe module="http_2xx" target="https://reqres.in/"	UP	instance="localhost:9115" job="reqres"	11.164s ago	568.763ms	

Activate Windows
Go to Settings to activate Windows.

Grafana Data Configuration

Browser tabs: Prometheus Time Series Collect x prometheus_reqres - Data source x +

Address bar: localhost:5775/connections/datasources/edit/e91ae5db-aa70-4f6a-a574-6250b17ad4d2

Search bar: Search or jump to... ctrl+k

Navigation: Home > Connections > Data sources > prometheus_reqres

Connections

Add new connection

Data sources

prometheus_reqres

Type: Prometheus

Alerting Supported

Explore data Build a dashboard

Settings Dashboard

Name prometheus_reqres Default

Before you can use the Prometheus data source, you must configure it below or in the config file. For detailed instructions, [view the documentation](#).

Fields marked with * are required

Connection

Activate Windows
Go to Settings to activate Windows.

Windows taskbar: Type here to search, icons for File Explorer, Edge, Calendar, Mail, Chrome, Firefox, Word, OneDrive, Photos, VS Code, system tray with network, volume, and date/time (ENG US, 10:43, 01-02-2024).

Browser tabs: Prometheus Time Series Collect x prometheus_reqres - Data source x +

Address bar: localhost:5775/connections/datasources/edit/e91ae5db-aa70-4f6a-a574-6250b17ad4d2

Search bar: Search or jump to... ctrl+k

Navigation: Home > Connections > Data sources > prometheus_reqres

Connections

Add new connection

Data sources

Name prometheus_reqres Default

Before you can use the Prometheus data source, you must configure it below or in the config file. For detailed instructions, [view the documentation](#).

Fields marked with * are required

Connection

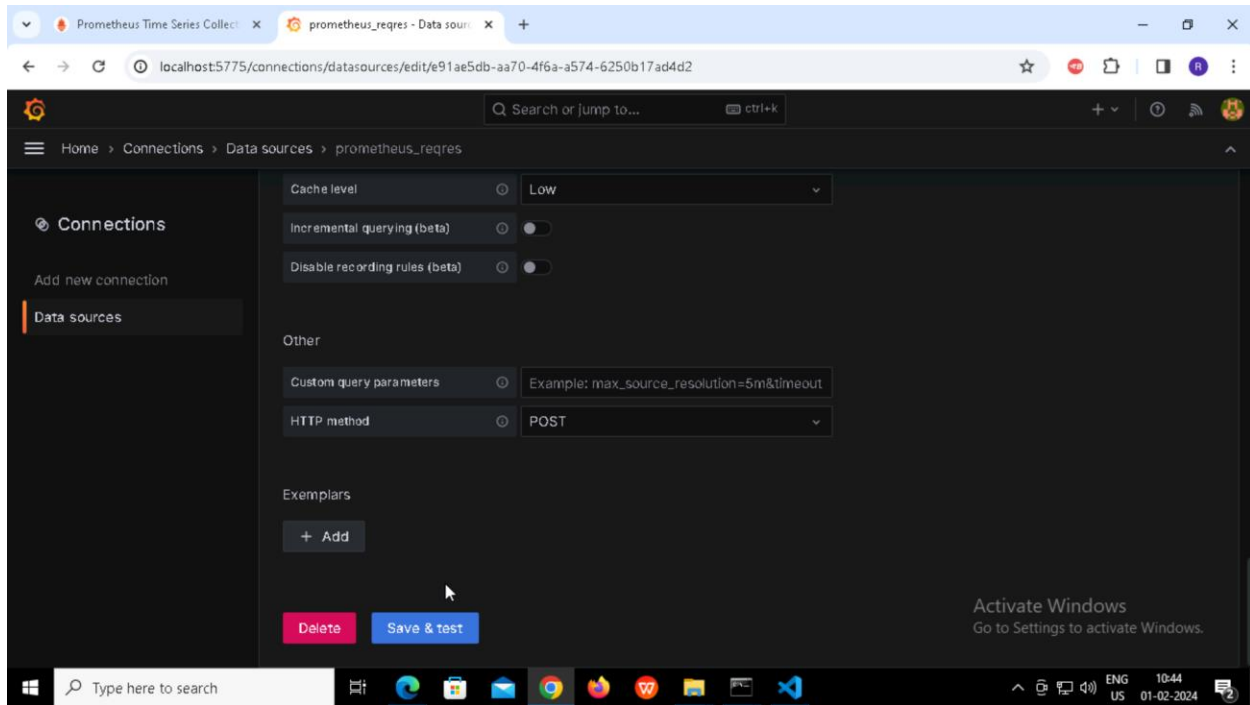
Prometheus server URL * http://localhost:9090

Authentication

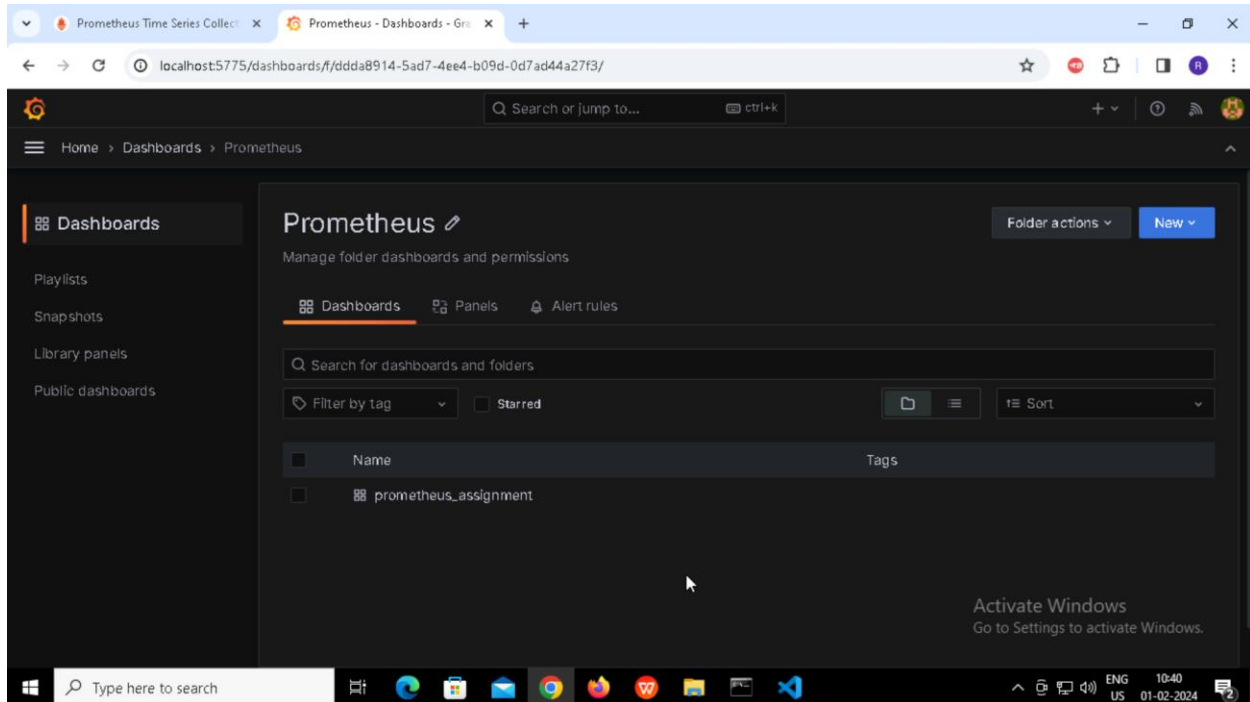
Authentication methods

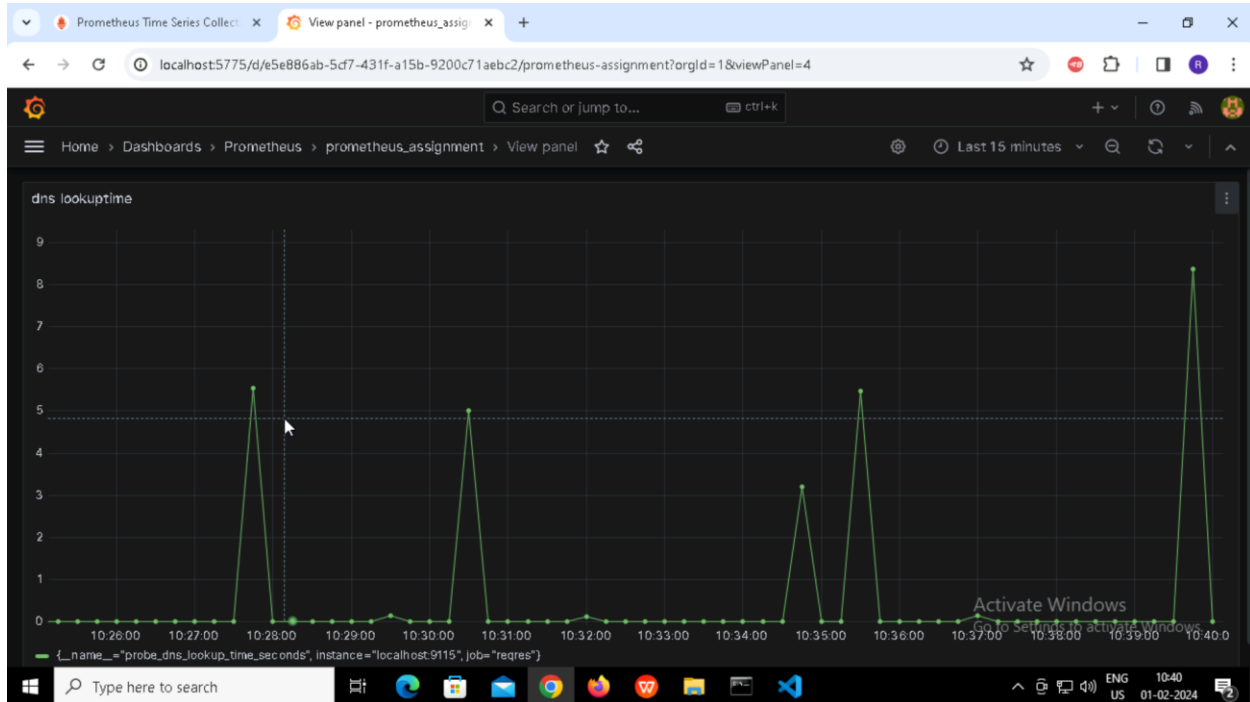
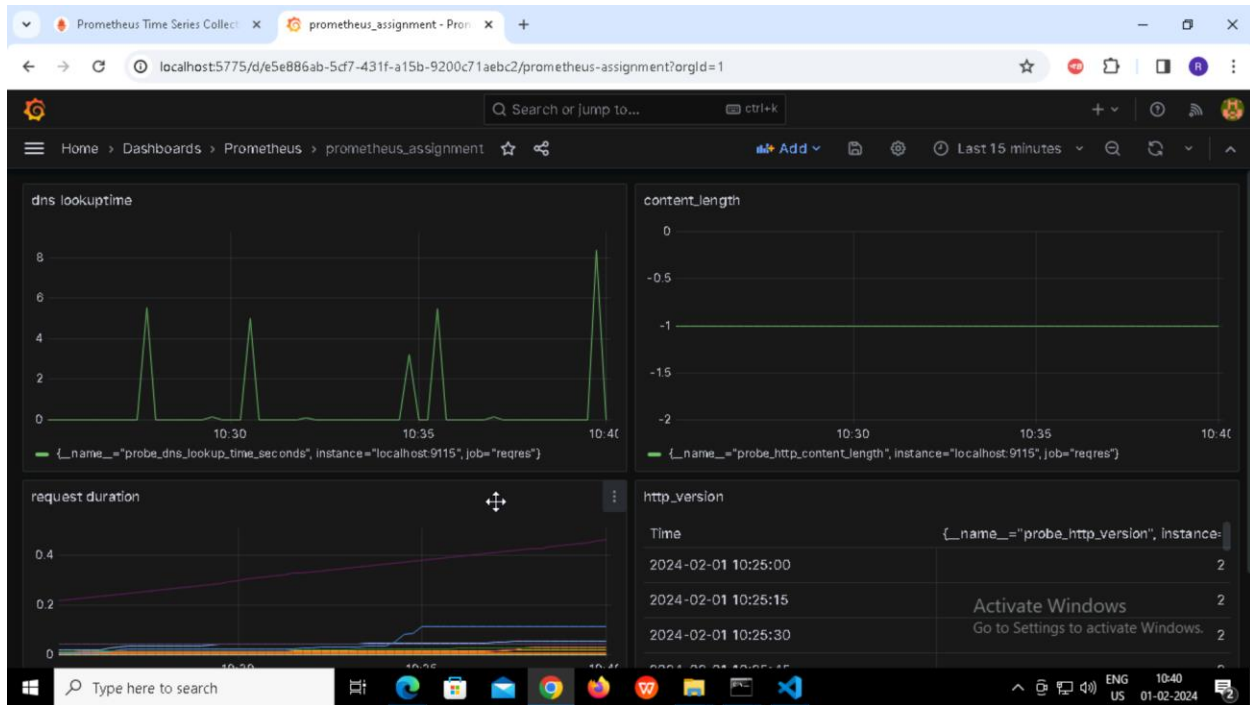
Activate Windows
Go to Settings to activate Windows.

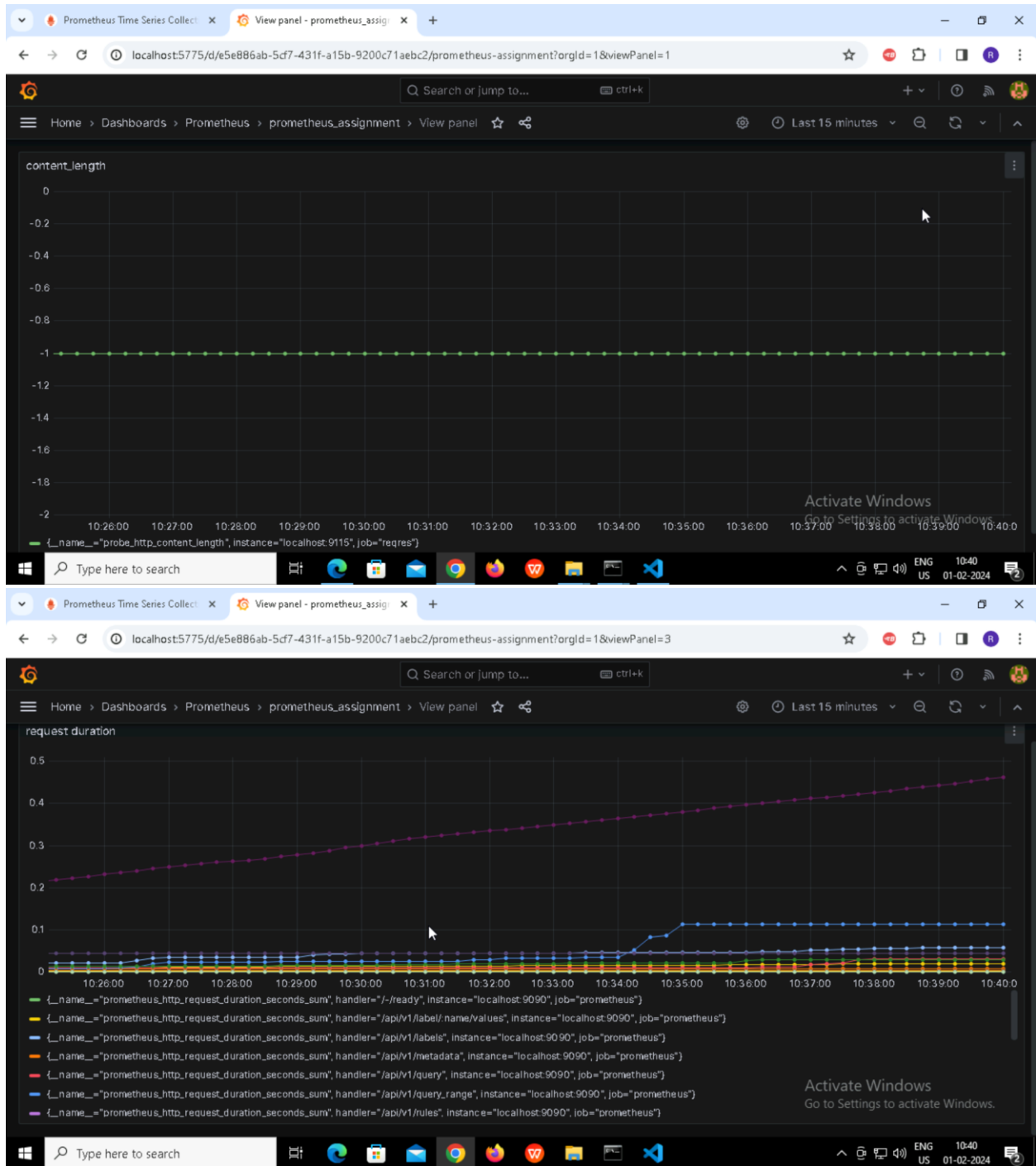
Windows taskbar: Type here to search, icons for File Explorer, Edge, Calendar, Mail, Chrome, Firefox, Word, OneDrive, Photos, VS Code, system tray with network, volume, and date/time (ENG US, 10:43, 01-02-2024).



Grafana panels







Grafana alert

Browser tabs: Prometheus Time Series Collect x New alert rule - Alert rules - Al x +

Address bar: localhost:5775/alerting/new/alerting?returnTo=%2Falerting%2Flist

Search bar: Search or jump to... ctrl+k

Navigation: Home > Alerting > Alert rules > New alert rule

Buttons: Save rule and exit Cancel

Alerting

- Alert rules
- Contact points
- Notification policies
- Silences
- Groups
- Admin

New alert rule

1. Enter alert rule name

Enter a name to identify your alert rule.

Name: Prometheus

2. Define query and alert condition

Define queries and/or expressions and then choose one of them as the alert rule condition. This is the threshold that an alert rule must meet or exceed in order to fire.

A prometheus_reqres Options 10 minutes Set as alert condition

Kick start your query Explain

Metric Label filters

Windows watermark: Activate Windows Go to Settings to activate Windows.

Taskbar: Type here to search, Task View, Edge, Calendar, Mail, Chrome, Firefox, VS Code, File Explorer, Task Manager, System Tray (Network, Volume, Power), ENG US, 10:39, 01-02-2024

Browser tabs: Prometheus Time Series Collect x New alert rule - Alert rules - Al x +

Address bar: localhost:5775/alerting/new/alerting?returnTo=%2Falerting%2Flist

Search bar: Search or jump to... ctrl+k

Navigation: Home > Alerting > Alert rules > New alert rule

Buttons: Save rule and exit Cancel

Alerting

- Alert rules
- Contact points
- Notification policies
- Silences
- Groups
- Admin

Based on the selected data sources this alert rule will be Grafana-managed.

Expressions

Manipulate data returned from queries with math and other operations.

B Reduce Set as alert condition Warning

Takes one or more time series returned from a query or an expression and turns each series into a single number.

Input A

Function Last Mode Strict

[__name__="probe_dns_lookup_time_seconds", instance="localhost:9115", job="req"] 0.00414

1 series

C Threshold Alert condition

Takes one or more time series returned from a query or an expression and checks if any of the series match the threshold condition.

Input B

IS ABOVE 0.00444

Windows watermark: Activate Windows Go to Settings to activate Windows.

Taskbar: Type here to search, Task View, Edge, Calendar, Mail, Chrome, Firefox, VS Code, File Explorer, Task Manager, System Tray (Network, Volume, Power), ENG US, 10:39, 01-02-2024

Alerting > Alert rules > New alert rule

Rules within the same group are evaluated concurrently over the same time interval.

prometheus or + New evaluation group

All rules in the selected group are evaluated every 1m.

Pending period
Period in which an alert rule can be in breach of the condition until the alert rule fires.
5m

> Configure no data and error handling

4. Add annotations

Add annotations to provide more context in your alert notifications. [Need help?](#)

Summary (optional)
Short summary of what happened and why.

Enter a summary...

Activate Windows
Go to Settings to activate Windows.

Alerting > Alert rules

4 rules 1 firing 1 errors 2 normal

+ New alert rule More

Grafana

- Alert > Eval Grp 1 1 firing 10s
- CaseKaro > CaseKaroEval 1 errors 1 normal 10s
- Prometheus > prometheus 1 normal 1m

State	Name	Health	Summary	Next evaluation	Actions
Normal	Prometheus	ok		within 1 minute	👁 ✎ More

Mimir / Cortex / Loki
No rules found.

Activate Windows
Go to Settings to activate Windows.