

Alertas para múltiples hosts/nodos

Enviar alertas para multiple hosts

Casos de implementacion:

Sitios de wordpress:

<https://grafana.srv.unc.edu.ar/alerting/fdvpcs3kd4kxsd/edit?returnTo=%2Falerting%2Flist%3Fsearch%3Dwordpress>

Nodos de wordpress:

<https://grafana.srv.unc.edu.ar/alerting/fdvozto13083kc/edit?returnTo=%2Falerting%2Flist%3Fsearch%3Dwordpress>

Contact point:

<https://grafana.srv.unc.edu.ar/alerting/notifications/receivers/Wordpress%20sitios%20web%20alert/edit>

En el momento de hacer la Alert Rule y poder enviar distintos Hostname en la notificacion es importante **NO USAR** la condicion basica

En el caso de usar influx como source , luego de la query es necesario usar la funcion **REDUCE**

2. Define query and alert condition

Define query and alert condition ⓘ [Need help?](#)

A

influxdb-1

Options

10 minutes, MD = 43200, Min. Interval = 1s

Set as alert condition

FROM

default

http_response

×

WHERE

Proyecto

=

Webs

×

AND

plugin::tag

=

wordpress_ms_http_response

×

+

SELECT

field(http_response_code)

×

+

GROUP BY

tag(server)

×

+

TIMEZONE

(optional)

ORDER BY TIME

ascending

▼

LIMIT

(optional)

SLIMIT

(optional)

FORMAT AS

Time series

▼

ALIAS

\$tag_host

Graph ⓘ Showing only 20 series Show all 381

Lines Bars Points Stacked lines Stacked bars

The graph displays a time series of data points. The y-axis represents a numerical value, ranging from 200 to 500. The x-axis represents time, with labels every minute from 11:06:00 to 11:15:00. There are 20 series shown, all named '\$tag_host' but distinguished by different colors. Most series are clustered at the bottom of the graph, around the value of 200. One series, represented by a green line, shows a significant spike, reaching a value of 500 at the 11:10:00 mark. The legend at the bottom of the graph lists 20 instances of '\$tag_host' with corresponding colored markers.

`${Filtro} > 499 || ${Filtro} == 404`

Expressions

Manipulate data returned from queries with math and other operations.

B

Reduce

Set as alert condition

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

Drop Non-numeric V...

{server="https://104ws-iuvsta.fisica.org.ar"}

200

{server="https://40aniversario.eci.unc.edu.ar"}

200

{server="https://7cnza.congresos.unc.edu.ar"}

200

{server="https://9congresoarqueometria.congresos.unc.edu.ar"}

200

{server="https://aaa2021.oac.unc.edu.ar"}

200

{server="https://aacr2022.congresos.unc.edu.ar"}

200

{server="https://academica.fcc.unc.edu.ar"}

200

{server="https://actasdigitales.psi.unc.edu.ar"}

200

{server="https://adenag.congresos.unc.edu.ar"}

200

{server="https://af9jor25.congresos.unc.edu.ar"}

200

{server="https://agendadederechos.sociales.unc.edu.ar"}

200

{server="https://agendadeoficios.seu.unc.edu.ar"}

200

{server="https://aledar.fl.unc.edu.ar"}

200

{server="https://alfin2013.congresos.unc.edu.ar"}

200

{server="https://alfinfinal.faud.unc.edu.ar"}

200

{server="https://anarchivo.fcc.unc.edu.ar"}

200

{server="https://animafestival.artes.unc.edu.ar"}

500

{server="https://ansenuza.unc.edu.ar"}

200

{server="https://aprendizajeinteligente.fcefyn.unc.edu.ar"}

200

{server="https://archivodelauniversidad.unc.edu.ar"}

200

<

1 - 20 of 381

>

381 series

Add expression

Preview

C

Math

Alert condition

Free-form math formulas on time series or number data.

Expression

{B} > 499 || {B} == 404

{server="https://104ws-iuvsta.fisica.org.ar"}

0

Normal

{server="https://40aniversario.eci.unc.edu.ar"}

0

Normal

{server="https://7cnza.congresos.unc.edu.ar"}

0

Normal

{server="https://9congresoarqueometria.congresos.unc.edu.ar"}

0

Normal

{server="https://aaa2021.oac.unc.edu.ar"}

0

Normal

{server="https://aacr2022.congresos.unc.edu.ar"}

0

Normal

{server="https://academica.fcc.unc.edu.ar"}

0

Normal

{server="https://actasdigitales.psi.unc.edu.ar"}

0

Normal

{server="https://adenag.congresos.unc.edu.ar"}

0

Normal

{server="https://af9jor25.congresos.unc.edu.ar"}

0

Normal

{server="https://agendadederechos.sociales.unc.edu.ar"}

0

Normal

{server="https://agendadeoficios.seu.unc.edu.ar"}

0

Normal

{server="https://aledar.fl.unc.edu.ar"}

0

Normal

{server="https://alfin2013.congresos.unc.edu.ar"}

0

Normal

{server="https://alfinfinal.faud.unc.edu.ar"}

0

Normal

{server="https://anarchivo.fcc.unc.edu.ar"}

0

Normal

{server="https://animafestival.artes.unc.edu.ar"}

1

Firing

{server="https://ansenuza.unc.edu.ar"}

0

Normal

{server="https://aprendizajeinteligente.fcefyn.unc.edu.ar"}

0

Normal

{server="https://archivodelauniversidad.unc.edu.ar"}

0

Normal

<

1 - 20 of 381

>

381 series: 14 firing, 367 normal

Una vez realizada la consulta, podemos ver las labels que llegan en la notificacion para enviarla en la descripcion

Search by label

State

Q Search

Normal 52

Alerting 1

Pending

NoData

Error

State

Labels

Created

>

Alerting

alertname Status code grafana_folder Moodle-monitor server https://psicologia.aulavirtual.unc.edu.ar

Hide common labels

2024-08-22 09:18:30

>

Normal

server https://academicas.aulavirtual.unc.edu.ar

+4 common labels

2024-08-22 09:17:30

>

Normal

server https://adiuc.aulavirtual.unc.edu.ar

+4 common labels

2024-08-22 09:17:30

>

Normal

server https://admisio.fcm.aulavirtual.unc.edu.ar

+4 common labels

2024-08-22 09:17:30

Se puede observar que el hostname se encuentra en la label server. Entonces podriamos enviar ese label en la notificacion.

Contact points

Choose how to notify your contact points when an alert instance fires

Update contact point

Name *

Alertas-Moodle

Integration

Google Chat

URL

https://chat.googleapis.com/v1/spaces/AAAAXYFFH3o/messages?key=AlzaSy

Optional Google Chat settings

Title

Templated title of the message

Moodle

Edit Title

Message

```
{{ .CommonAnnotations.description }}  
{{ if eq .Status "firing" }}
```

Edit Message

> Notification settings

+ Add contact point integration

Save contact point

Cancel

```
{{ .CommonAnnotations.description }}
```

```
{{ if eq .Status "firing" }}
```

En la url se puede verificar cual es el sitio que fallo

```
{{ .CommonAnnotations.runbook_url }}
```

Los siguientes sitios web responden con un status code 500 o superior

```
{{ range .Alerts }}  
  {{ if eq .Status "firing" }}  
    Sitio web: {{ .Labels.server }}  
  {{ end }}  
{{ end }}  
{{ else if eq .Status "resolved" }}
```

Los sitios web ya no responden con un status code 500 o superior

```
{{ range .Alerts }}  
  {{ if eq .Status "resolved" }}  
    Sitio web: {{ .Labels.server }}  
  {{ end }}  
{{ end }}  
  
{{ end }}
```

Moodle

La regla avisa cuando alguno de los sitios de moodle lanza un codigo http superior a 499.

En la url se puede verificar cual es el sitio que fallo

[https://grafana.srv.unc.edu.ar/d/Ra15lnVVk/moodle-http-monitor?
orgId=1&from=1724246386269&to=1724249986269&viewPanel=10](https://grafana.srv.unc.edu.ar/d/Ra15lnVVk/moodle-http-monitor?orgId=1&from=1724246386269&to=1724249986269&viewPanel=10)

Los siguientes sitios web responden con un status code 500 o superior

Sitio web: <https://psicologia.aulavirtual.unc.edu.ar>

OPEN IN GRAFANA

Grafana v11.1.3 | 26 Aug 24 08:16 -03

En caso de que haya varios hosts en firing

Se debe diseñar el mensaje del contact point de la siguiente manera:

Lo que hace es recorrer el estado de todos los hosts y en caso de estar en "firing", se lo menciona en el mensaje

Edit Message

Selecting existing template

Enter custom message

```
{{ .CommonAnnotations.description }}  
  
{{ .CommonAnnotations.runbook_url }}  
  
{{ range .Alerts }}  
  {{ if eq .Status "firing" }}  
    Sitio: {{ .Labels.server }}  
  {{ end }}  
{{ end }}
```

Revision #15

Created 22 agosto 2024 12:15:12 by SANTIAGO VAZQUEZ PETRINI

Updated 26 agosto 2024 14:17:10 by Pablo