

vmalert

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原文链接: <https://ld246.com/article/1610517742574>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)



```
<!--  
* @Author: ferried  
* @Email: harlancui@outlook.com  
* @Date: 2021-01-13 11:54:22  
* @LastEditTime: 2021-01-13 14:01:30  
* @LastEditors: ferried  
* @Description: Basic description  
* @FilePath: /undefined/Users/ferried/vmalert.md  
* @LICENSE: Apache-2.0  
-->
```

Vmalert

- vmalert executes a list of given alerting or recording rules against configured address
- some command line interface tool

configure vmalert

```
./bin/vmalert -rule=alter.rules \  
  // PromSQL compatible datasource  
  -datasource.url=http://localhost:8428  
  // Alert manager url  
  -notifier.url=http://localhost:9093  
  // Alert manager replica rul  
  -notifier.url=http://127.0.0.1:9093  
  // remote write compatible storage to persist rules  
  -remoteRead.url=http://localhost:8428  
  // PromSQL compatible datasource to restore alerts state from  
  -remoteWrite.url=http://localhost:8428
```

```
// External label to be applied for each rule
-external.label=cluster=east-1 \
// Multiple external labels may be set
-external.label=replica=a \
// Default evaluation interval if not specified in rules group
-evaluationInterval=3s
```

if you run multiple **vmaalert** services for the same datastore or Alert manager - do not forget to specify different `external.label` flags in order to define which vmaalert generated rules or alerts.

groups

```
groups: [- <rule_group>]
```

each group has following attributes:

```
# the name of the group. Must be unique within a file
name: <string>
# How often rules in group are evaluated
[interval: <duration> | default = global.evaluation_interval ]
# How many rules execute at once.
# Increasing concurrency may speed
# up round execution speed
[ concurrency: <integer> | default = 1]
# rules
rules :
  [ - <rule> ...]
```

rules

there are two types of rules : recording and alerting

alerting rules

```
# the name of the alert, Must be a valid metric name
alert: <string>
# the metricQL expression to evaluate
expr: <string>
# Alerts are considered firing once they have been returned for this long
# Alerts witch have not ye fired for long enough are considered pending
[ for:<duration> | default = 0s ]
# Labels to add or overwrite for each alert
labels:
  [<labelname>:<tmpl_string>]
# Annotations to add to each alert
annotations:
  [<labelname>:<tmpl_string>]
```

recording rules

```
# The name of the time series to output to. Must be a valid metric name.
record: <string>
```

The MetricsQL expression to evaluate.

expr: <string>

Labels to add or overwrite before storing the result.

labels:

[<labelname>: <labelvalue>]