

# Node Disk usage

```
- name: node_disk_usage
  rules:
    - record: node_disk_usage_rule
      expr: ( node_filesystem_size_bytes{mountpoint="/" } - node_filesystem_free_bytes{mountpoint="/" } ) /
node_filesystem_size_bytes * 100
      labels:
        node1: disk_usage
```

```
- name: node_disk_usage
  rules:
    - alert: node_disk_usage_rule_alert
      expr: node_disk_usage_rule > 80
      for: 1m
      annotations:
        summary: "disk usage in {{ $labels.instance }}"
        description: "disk usage is {{ $value }}"
```

```
global:
route:
  receiver: 'slack'
  group_by: ['alertname']
  group_wait: 10s
  group_interval: 15s

receivers:
  - name: 'slack'
    slack_configs:
      - channel: "#devops_team"
        send_resolved: true
        api_url: 'https://hooks.slack.com/services/T086Y4[REDACTED]LTHQF/P2ko8X4S46ZiUc8SyJghwrre'
        title: '{{ .CommonAnnotations.summary }}'
        text: '{{ .CommonAnnotations.description }}
```

Node exporter - node1				1 / 1 up
Endpoint	Labels	Last scrape	State	
http://192.168.1.100:9100/metrics	instance="192.168.1.100" job="Node exporter - node1"	3.636s ago 44ms	UP	

node\_disk\_usage /etc/prometheus/rules.yml

last run 11.151s ago took 1ms every 15s

node\_disk\_usage\_rule 11.28s ago 0ms OK

```
(node_filesystem_size_bytes{mountpoint="/" } - node_filesystem_free_bytes{mountpoint="/" } ) / node_filesystem_size_bytes * 100
```

node1="disk\_usage"

node\_disk\_usage

/etc/prometheus/alert\_rules.yml

last run 8.834s ago

took 0ms

every 15s

node\_disk\_usage\_rule\_alert

8.95s ago

0ms

OK

^

node\_disk\_usage\_rule > 80

for: 1m

description

disk usage is {{ \$value }}

summary

disk usage in {{ \$labels.instance }}

node\_disk\_usage

/etc/prometheus/alert\_rules.yml

INACTIVE (1)

node\_disk\_usage\_rule\_alert

^

node\_disk\_usage\_rule > 80

for: 1m

description

disk usage is {{ \$value }}

summary

disk usage in {{ \$labels.instance }}