

# Node disk io queue length

```
- name: node_disk_io_queue_length
  rules:
    - record: node_disk_io_queue_length_rule
      expr: rate(node_disk_io_time_seconds_total[1m])
      labels:
        node1: node_disk_io_queue_length

#disk queue length is a performance metric that indicates the number of pending I/O (input/output) request
s waiting to be processed by a disk at a given time.
#disk queue length represents the number of I/O operations (read/write requests) that are waiting in the q
ueue
```

```
- name: node_disk_io_queue_length
  rules:
    - alert: node_disk_io_queue_length_alert
      expr: node_disk_io_queue_length_rule > 10
      for: 5m
      labels:
        node1: node_disk_io_queue_length
      annotations:
        summary: "node disk io queue length in {{ $labels.instance }}"
        description: "node disk io queue length 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/T086[REDACTED]SHQLTHQF/P2ko8X4S46ZiUc8SyJghwrre'
        title: '{{ .CommonAnnotations.summary }}'
        text: '{{ .CommonAnnotations.description }}
```

Node exporter - node1				1 / 1 up
Endpoint	Labels	Last scrape	State	
http://192.168.1.9100/metrics	instance="192.168.1.144:9100" job="Node exporter - node1"	3.636s ago 44ms	UP	

```
node_disk_io_queue_length /etc/prometheus/rules.yml
last run 27.324s ago took 1ms every 15s

node_disk_io_queue_length_rule
last run 27.389s ago 1ms OK

rate(node_disk_io_time_seconds_total[1m])

node1="node_disk_io_queue_length"
```

node\_disk\_io\_queue\_length

/etc/prometheus/alert\_rules.yml

last run 1m 3.393s ago

took 6ms

every 15s

node\_disk\_io\_queue\_length\_alert

1m 3.454s ago

0ms

OK

^

node\_disk\_io\_queue\_length\_rule > 10

for: 5m

node1="node\_disk\_io\_queue\_length"

description

node disk io queue length is {{ \$value }}

summary

node disk io queue length in {{ \$labels.instance }}

node\_disk\_io\_queue\_length

/etc/prometheus/alert\_rules.yml

INACTIVE (1)

node\_disk\_io\_queue\_length\_alert

^

node\_disk\_io\_queue\_length\_rule > 10

for: 5m

node1="node\_disk\_io\_queue\_length"

description

node disk io queue length is {{ \$value }}

summary

node disk io queue length in {{ \$labels.instance }}