

# Node CPU steal time

```
- name: cpu_steal_time
  rules:
    - record: cpu_steal_time_rule
      expr: rate(node_cpu_seconds_total{mode="steal"}[1m]) * 100
      labels:
        node1: cpu_steal_time
    #CPU Steal Time refers to the amount of time a virtual machine (VM) waits for the hypervisor to allocate CPU resources from the physical host
```

```
- name: cpu_steal_time
  rules:
    - alert: cpu_steal_time_alert
      expr: cpu_steal_time_rule > 10
      for: 1m
      labels:
        node1: cpu_steal_time
      annotations:
        summary: "cpu steal time in {{ $labels.intance }}"
        description: "cpu steal time 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/T086Y[REDACTED]THQF/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="192.168.1.9100" job="Node exporter - node1"	3.636s ago 44ms	UP	

cpu\_steal\_time /etc/prometheus/rules.yml

last run 1m 2.493s ago took 1ms every 15s

cpu\_steal\_time\_rule 1m 2.605s ago 1ms OK

```
rate(node_cpu_seconds_total{mode="steal"}[1m]) * 100
```

node1="cpu\_steal\_time"

cpu\_steal\_time

/etc/prometheus/alert\_rules.yml

last run -1.536s ago

took 7ms

every 15s

cpu\_steal\_time\_alert

- 1.373s ago

7ms

OK

^

cpu\_steal\_time\_rule > 10

for: 1m

node1="cpu\_steal\_time"

description

cpu steal time is {{ \$value }}

summary

cpu steal time in {{ \$labels.instance }}

cpu\_steal\_time

/etc/prometheus/alert\_rules.yml

INACTIVE (1)

cpu\_steal\_time\_alert

^

cpu\_steal\_time\_rule > 10

for: 1m

node1="cpu\_steal\_time"

description

cpu steal time is {{ \$value }}

summary

cpu steal time in {{ \$labels.instance }}