* 1.1. Prometheus self-monitoring (26 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-1) 1.1.1. Prometheus job missing

A Prometheus job has disappeared[copy]

- alert: PrometheusJobMissing

expr: absent(up{job="prometheus"})

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus job missing (instance {{ $labels.instance }})

description: "A Prometheus job has disappeared\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-2) 1.1.2. Prometheus target missing

A Prometheus target has disappeared. An exporter might be crashed.[copy]

- alert: PrometheusTargetMissing

expr: up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus target missing (instance {{ $labels.instance }})

description: "A Prometheus target has disappeared. An exporter might be crashed.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-3) 1.1.3. Prometheus all targets missing

A Prometheus job does not have living target anymore.[copy]

- alert: PrometheusAllTargetsMissing

expr: sum by (job) (up) == 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus all targets missing (instance {{ $labels.instance }})

description: "A Prometheus job does not have living target anymore.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-4) 1.1.4. Prometheus configuration reload failure

Prometheus configuration reload error[copy]

- alert: PrometheusConfigurationReloadFailure

expr: prometheus\_config\_last\_reload\_successful != 1

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus configuration reload failure (instance {{ $labels.instance }})

description: "Prometheus configuration reload error\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-5) 1.1.5. Prometheus too many restarts

Prometheus has restarted more than twice in the last 15 minutes. It might be crashlooping.[copy]

- alert: PrometheusTooManyRestarts

expr: changes(process\_start\_time\_seconds{job=~"prometheus|pushgateway|alertmanager"}[15m]) > 2

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus too many restarts (instance {{ $labels.instance }})

description: "Prometheus has restarted more than twice in the last 15 minutes. It might be crashlooping.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-6) 1.1.6. Prometheus AlertManager job missing

A Prometheus AlertManager job has disappeared[copy]

- alert: PrometheusAlertmanagerJobMissing

expr: absent(up{job="alertmanager"})

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus AlertManager job missing (instance {{ $labels.instance }})

description: "A Prometheus AlertManager job has disappeared\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-7) 1.1.7. Prometheus AlertManager configuration reload failure

AlertManager configuration reload error[copy]

- alert: PrometheusAlertmanagerConfigurationReloadFailure

expr: alertmanager\_config\_last\_reload\_successful != 1

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus AlertManager configuration reload failure (instance {{ $labels.instance }})

description: "AlertManager configuration reload error\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-8) 1.1.8. Prometheus AlertManager config not synced

Configurations of AlertManager cluster instances are out of sync[copy]

- alert: PrometheusAlertmanagerConfigNotSynced

expr: count(count\_values("config\_hash", alertmanager\_config\_hash)) > 1

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus AlertManager config not synced (instance {{ $labels.instance }})

description: "Configurations of AlertManager cluster instances are out of sync\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-9) 1.1.9. Prometheus AlertManager E2E dead man switch

Prometheus DeadManSwitch is an always-firing alert. It's used as an end-to-end test of Prometheus through the Alertmanager.[copy]

- alert: PrometheusAlertmanagerE2eDeadManSwitch

expr: vector(1)

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus AlertManager E2E dead man switch (instance {{ $labels.instance }})

description: "Prometheus DeadManSwitch is an always-firing alert. It's used as an end-to-end test of Prometheus through the Alertmanager.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-10) 1.1.10. Prometheus not connected to alertmanager

Prometheus cannot connect the alertmanager[copy]

- alert: PrometheusNotConnectedToAlertmanager

expr: prometheus\_notifications\_alertmanagers\_discovered < 1

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus not connected to alertmanager (instance {{ $labels.instance }})

description: "Prometheus cannot connect the alertmanager\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-11) 1.1.11. Prometheus rule evaluation failures

Prometheus encountered {{ $value }} rule evaluation failures, leading to potentially ignored alerts.[copy]

- alert: PrometheusRuleEvaluationFailures

expr: increase(prometheus\_rule\_evaluation\_failures\_total[3m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus rule evaluation failures (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} rule evaluation failures, leading to potentially ignored alerts.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-12) 1.1.12. Prometheus template text expansion failures

Prometheus encountered {{ $value }} template text expansion failures[copy]

- alert: PrometheusTemplateTextExpansionFailures

expr: increase(prometheus\_template\_text\_expansion\_failures\_total[3m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus template text expansion failures (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} template text expansion failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-13) 1.1.13. Prometheus rule evaluation slow

Prometheus rule evaluation took more time than the scheduled interval. It indicates a slower storage backend access or too complex query.[copy]

- alert: PrometheusRuleEvaluationSlow

expr: prometheus\_rule\_group\_last\_duration\_seconds > prometheus\_rule\_group\_interval\_seconds

for: 5m

labels:

severity: warning

annotations:

summary: Prometheus rule evaluation slow (instance {{ $labels.instance }})

description: "Prometheus rule evaluation took more time than the scheduled interval. It indicates a slower storage backend access or too complex query.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-14) 1.1.14. Prometheus notifications backlog

The Prometheus notification queue has not been empty for 10 minutes[copy]

- alert: PrometheusNotificationsBacklog

expr: min\_over\_time(prometheus\_notifications\_queue\_length[10m]) > 0

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus notifications backlog (instance {{ $labels.instance }})

description: "The Prometheus notification queue has not been empty for 10 minutes\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-15) 1.1.15. Prometheus AlertManager notification failing

Alertmanager is failing sending notifications[copy]

- alert: PrometheusAlertmanagerNotificationFailing

expr: rate(alertmanager\_notifications\_failed\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus AlertManager notification failing (instance {{ $labels.instance }})

description: "Alertmanager is failing sending notifications\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-16) 1.1.16. Prometheus target empty

Prometheus has no target in service discovery[copy]

- alert: PrometheusTargetEmpty

expr: prometheus\_sd\_discovered\_targets == 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus target empty (instance {{ $labels.instance }})

description: "Prometheus has no target in service discovery\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-17) 1.1.17. Prometheus target scraping slow

Prometheus is scraping exporters slowly since it exceeded the requested interval time. Your Prometheus server is under-provisioned.[copy]

- alert: PrometheusTargetScrapingSlow

expr: prometheus\_target\_interval\_length\_seconds{quantile="0.9"} / on (interval, instance, job) prometheus\_target\_interval\_length\_seconds{quantile="0.5"} > 1.05

for: 5m

labels:

severity: warning

annotations:

summary: Prometheus target scraping slow (instance {{ $labels.instance }})

description: "Prometheus is scraping exporters slowly since it exceeded the requested interval time. Your Prometheus server is under-provisioned.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-18) 1.1.18. Prometheus large scrape

Prometheus has many scrapes that exceed the sample limit[copy]

- alert: PrometheusLargeScrape

expr: increase(prometheus\_target\_scrapes\_exceeded\_sample\_limit\_total[10m]) > 10

for: 5m

labels:

severity: warning

annotations:

summary: Prometheus large scrape (instance {{ $labels.instance }})

description: "Prometheus has many scrapes that exceed the sample limit\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-19) 1.1.19. Prometheus target scrape duplicate

Prometheus has many samples rejected due to duplicate timestamps but different values[copy]

- alert: PrometheusTargetScrapeDuplicate

expr: increase(prometheus\_target\_scrapes\_sample\_duplicate\_timestamp\_total[5m]) > 0

for: 0m

labels:

severity: warning

annotations:

summary: Prometheus target scrape duplicate (instance {{ $labels.instance }})

description: "Prometheus has many samples rejected due to duplicate timestamps but different values\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-20) 1.1.20. Prometheus TSDB checkpoint creation failures

Prometheus encountered {{ $value }} checkpoint creation failures[copy]

- alert: PrometheusTsdbCheckpointCreationFailures

expr: increase(prometheus\_tsdb\_checkpoint\_creations\_failed\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus TSDB checkpoint creation failures (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} checkpoint creation failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-21) 1.1.21. Prometheus TSDB checkpoint deletion failures

Prometheus encountered {{ $value }} checkpoint deletion failures[copy]

- alert: PrometheusTsdbCheckpointDeletionFailures

expr: increase(prometheus\_tsdb\_checkpoint\_deletions\_failed\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus TSDB checkpoint deletion failures (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} checkpoint deletion failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-22) 1.1.22. Prometheus TSDB compactions failed

Prometheus encountered {{ $value }} TSDB compactions failures[copy]

- alert: PrometheusTsdbCompactionsFailed

expr: increase(prometheus\_tsdb\_compactions\_failed\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus TSDB compactions failed (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} TSDB compactions failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-23) 1.1.23. Prometheus TSDB head truncations failed

Prometheus encountered {{ $value }} TSDB head truncation failures[copy]

- alert: PrometheusTsdbHeadTruncationsFailed

expr: increase(prometheus\_tsdb\_head\_truncations\_failed\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus TSDB head truncations failed (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} TSDB head truncation failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-24) 1.1.24. Prometheus TSDB reload failures

Prometheus encountered {{ $value }} TSDB reload failures[copy]

- alert: PrometheusTsdbReloadFailures

expr: increase(prometheus\_tsdb\_reloads\_failures\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus TSDB reload failures (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} TSDB reload failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-25) 1.1.25. Prometheus TSDB WAL corruptions

Prometheus encountered {{ $value }} TSDB WAL corruptions[copy]

- alert: PrometheusTsdbWalCorruptions

expr: increase(prometheus\_tsdb\_wal\_corruptions\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus TSDB WAL corruptions (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} TSDB WAL corruptions\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-prometheus-self-monitoring-1-26) 1.1.26. Prometheus TSDB WAL truncations failed

Prometheus encountered {{ $value }} TSDB WAL truncation failures[copy]

- alert: PrometheusTsdbWalTruncationsFailed

expr: increase(prometheus\_tsdb\_wal\_truncations\_failed\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Prometheus TSDB WAL truncations failed (instance {{ $labels.instance }})

description: "Prometheus encountered {{ $value }} TSDB WAL truncation failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#host-and-hardware-1) 1.2. Host and hardware : [node-exporter](https://github.com/prometheus/node_exporter)(34 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-1) 1.2.1. Host out of memory

Node memory is filling up (< 10% left)[copy]

- alert: HostOutOfMemory

expr: node\_memory\_MemAvailable\_bytes / node\_memory\_MemTotal\_bytes \* 100 < 10

for: 2m

labels:

severity: warning

annotations:

summary: Host out of memory (instance {{ $labels.instance }})

description: "Node memory is filling up (< 10% left)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-2) 1.2.2. Host memory under memory pressure

The node is under heavy memory pressure. High rate of major page faults[copy]

- alert: HostMemoryUnderMemoryPressure

expr: rate(node\_vmstat\_pgmajfault[1m]) > 1000

for: 2m

labels:

severity: warning

annotations:

summary: Host memory under memory pressure (instance {{ $labels.instance }})

description: "The node is under heavy memory pressure. High rate of major page faults\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-3) 1.2.3. Host unusual network throughput in

Host network interfaces are probably receiving too much data (> 100 MB/s)[copy]

- alert: HostUnusualNetworkThroughputIn

expr: sum by (instance) (rate(node\_network\_receive\_bytes\_total[2m])) / 1024 / 1024 > 100

for: 5m

labels:

severity: warning

annotations:

summary: Host unusual network throughput in (instance {{ $labels.instance }})

description: "Host network interfaces are probably receiving too much data (> 100 MB/s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-4) 1.2.4. Host unusual network throughput out

Host network interfaces are probably sending too much data (> 100 MB/s)[copy]

- alert: HostUnusualNetworkThroughputOut

expr: sum by (instance) (rate(node\_network\_transmit\_bytes\_total[2m])) / 1024 / 1024 > 100

for: 5m

labels:

severity: warning

annotations:

summary: Host unusual network throughput out (instance {{ $labels.instance }})

description: "Host network interfaces are probably sending too much data (> 100 MB/s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-5) 1.2.5. Host unusual disk read rate

Disk is probably reading too much data (> 50 MB/s)[copy]

- alert: HostUnusualDiskReadRate

expr: sum by (instance) (rate(node\_disk\_read\_bytes\_total[2m])) / 1024 / 1024 > 50

for: 5m

labels:

severity: warning

annotations:

summary: Host unusual disk read rate (instance {{ $labels.instance }})

description: "Disk is probably reading too much data (> 50 MB/s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-6) 1.2.6. Host unusual disk write rate

Disk is probably writing too much data (> 50 MB/s)[copy]

- alert: HostUnusualDiskWriteRate

expr: sum by (instance) (rate(node\_disk\_written\_bytes\_total[2m])) / 1024 / 1024 > 50

for: 2m

labels:

severity: warning

annotations:

summary: Host unusual disk write rate (instance {{ $labels.instance }})

description: "Disk is probably writing too much data (> 50 MB/s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-7) 1.2.7. Host out of disk space

Disk is almost full (< 10% left)[copy]

*# Please add ignored mountpoints in node\_exporter parameters like*

*# "--collector.filesystem.ignored-mount-points=^/(sys|proc|dev|run)($|/)".*

*# Same rule using "node\_filesystem\_free\_bytes" will fire when disk fills for non-root users.*

- alert: HostOutOfDiskSpace

expr: (node\_filesystem\_avail\_bytes \* 100) / node\_filesystem\_size\_bytes < 10 and ON (instance, device, mountpoint) node\_filesystem\_readonly == 0

for: 2m

labels:

severity: warning

annotations:

summary: Host out of disk space (instance {{ $labels.instance }})

description: "Disk is almost full (< 10% left)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-8) 1.2.8. Host disk will fill in 24 hours

Filesystem is predicted to run out of space within the next 24 hours at current write rate[copy]

*# Please add ignored mountpoints in node\_exporter parameters like*

*# "--collector.filesystem.ignored-mount-points=^/(sys|proc|dev|run)($|/)".*

*# Same rule using "node\_filesystem\_free\_bytes" will fire when disk fills for non-root users.*

- alert: HostDiskWillFillIn24Hours

expr: (node\_filesystem\_avail\_bytes \* 100) / node\_filesystem\_size\_bytes < 10 and ON (instance, device, mountpoint) predict\_linear(node\_filesystem\_avail\_bytes{fstype!~"tmpfs"}[1h], 24 \* 3600) < 0 and ON (instance, device, mountpoint) node\_filesystem\_readonly == 0

for: 2m

labels:

severity: warning

annotations:

summary: Host disk will fill in 24 hours (instance {{ $labels.instance }})

description: "Filesystem is predicted to run out of space within the next 24 hours at current write rate\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-9) 1.2.9. Host out of inodes

Disk is almost running out of available inodes (< 10% left)[copy]

- alert: HostOutOfInodes

expr: node\_filesystem\_files\_free{mountpoint ="/rootfs"} / node\_filesystem\_files{mountpoint="/rootfs"} \* 100 < 10 and ON (instance, device, mountpoint) node\_filesystem\_readonly{mountpoint="/rootfs"} == 0

for: 2m

labels:

severity: warning

annotations:

summary: Host out of inodes (instance {{ $labels.instance }})

description: "Disk is almost running out of available inodes (< 10% left)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-10) 1.2.10. Host inodes will fill in 24 hours

Filesystem is predicted to run out of inodes within the next 24 hours at current write rate[copy]

- alert: HostInodesWillFillIn24Hours

expr: node\_filesystem\_files\_free{mountpoint ="/rootfs"} / node\_filesystem\_files{mountpoint="/rootfs"} \* 100 < 10 and predict\_linear(node\_filesystem\_files\_free{mountpoint="/rootfs"}[1h], 24 \* 3600) < 0 and ON (instance, device, mountpoint) node\_filesystem\_readonly{mountpoint="/rootfs"} == 0

for: 2m

labels:

severity: warning

annotations:

summary: Host inodes will fill in 24 hours (instance {{ $labels.instance }})

description: "Filesystem is predicted to run out of inodes within the next 24 hours at current write rate\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-11) 1.2.11. Host unusual disk read latency

Disk latency is growing (read operations > 100ms)[copy]

- alert: HostUnusualDiskReadLatency

expr: rate(node\_disk\_read\_time\_seconds\_total[1m]) / rate(node\_disk\_reads\_completed\_total[1m]) > 0.1 and rate(node\_disk\_reads\_completed\_total[1m]) > 0

for: 2m

labels:

severity: warning

annotations:

summary: Host unusual disk read latency (instance {{ $labels.instance }})

description: "Disk latency is growing (read operations > 100ms)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-12) 1.2.12. Host unusual disk write latency

Disk latency is growing (write operations > 100ms)[copy]

- alert: HostUnusualDiskWriteLatency

expr: rate(node\_disk\_write\_time\_seconds\_total[1m]) / rate(node\_disk\_writes\_completed\_total[1m]) > 0.1 and rate(node\_disk\_writes\_completed\_total[1m]) > 0

for: 2m

labels:

severity: warning

annotations:

summary: Host unusual disk write latency (instance {{ $labels.instance }})

description: "Disk latency is growing (write operations > 100ms)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-13) 1.2.13. Host high CPU load

CPU load is > 80%[copy]

- alert: HostHighCpuLoad

expr: 100 - (avg by(instance) (rate(node\_cpu\_seconds\_total{mode="idle"}[2m])) \* 100) > 80

for: 0m

labels:

severity: warning

annotations:

summary: Host high CPU load (instance {{ $labels.instance }})

description: "CPU load is > 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-14) 1.2.14. Host CPU steal noisy neighbor

CPU steal is > 10%. A noisy neighbor is killing VM performances or a spot instance may be out of credit.[copy]

- alert: HostCpuStealNoisyNeighbor

expr: avg by(instance) (rate(node\_cpu\_seconds\_total{mode="steal"}[5m])) \* 100 > 10

for: 0m

labels:

severity: warning

annotations:

summary: Host CPU steal noisy neighbor (instance {{ $labels.instance }})

description: "CPU steal is > 10%. A noisy neighbor is killing VM performances or a spot instance may be out of credit.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-15) 1.2.15. Host CPU high iowait

CPU iowait > 5%. A high iowait means that you are disk or network bound.[copy]

- alert: HostCpuHighIowait

expr: avg by (instance) (rate(node\_cpu\_seconds\_total{mode="iowait"}[5m])) \* 100 > 5

for: 0m

labels:

severity: warning

annotations:

summary: Host CPU high iowait (instance {{ $labels.instance }})

description: "CPU iowait > 5%. A high iowait means that you are disk or network bound.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-16) 1.2.16. Host context switching

Context switching is growing on node (> 1000 / s)[copy]

*# 1000 context switches is an arbitrary number.*

*# Alert threshold depends on nature of application.*

*# Please read: https://github.com/samber/awesome-prometheus-alerts/issues/58*

- alert: HostContextSwitching

expr: (rate(node\_context\_switches\_total[5m])) / (count without(cpu, mode) (node\_cpu\_seconds\_total{mode="idle"})) > 1000

for: 0m

labels:

severity: warning

annotations:

summary: Host context switching (instance {{ $labels.instance }})

description: "Context switching is growing on node (> 1000 / s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-17) 1.2.17. Host swap is filling up

Swap is filling up (>80%)[copy]

- alert: HostSwapIsFillingUp

expr: (1 - (node\_memory\_SwapFree\_bytes / node\_memory\_SwapTotal\_bytes)) \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: Host swap is filling up (instance {{ $labels.instance }})

description: "Swap is filling up (>80%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-18) 1.2.18. Host systemd service crashed

systemd service crashed[copy]

- alert: HostSystemdServiceCrashed

expr: node\_systemd\_unit\_state{state="failed"} == 1

for: 0m

labels:

severity: warning

annotations:

summary: Host systemd service crashed (instance {{ $labels.instance }})

description: "systemd service crashed\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-19) 1.2.19. Host physical component too hot

Physical hardware component too hot[copy]

- alert: HostPhysicalComponentTooHot

expr: node\_hwmon\_temp\_celsius > 75

for: 5m

labels:

severity: warning

annotations:

summary: Host physical component too hot (instance {{ $labels.instance }})

description: "Physical hardware component too hot\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-20) 1.2.20. Host node overtemperature alarm

Physical node temperature alarm triggered[copy]

- alert: HostNodeOvertemperatureAlarm

expr: node\_hwmon\_temp\_crit\_alarm\_celsius == 1

for: 0m

labels:

severity: critical

annotations:

summary: Host node overtemperature alarm (instance {{ $labels.instance }})

description: "Physical node temperature alarm triggered\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-21) 1.2.21. Host RAID array got inactive

RAID array {{ $labels.device }} is in degraded state due to one or more disks failures. Number of spare drives is insufficient to fix issue automatically.[copy]

- alert: HostRaidArrayGotInactive

expr: node\_md\_state{state="inactive"} > 0

for: 0m

labels:

severity: critical

annotations:

summary: Host RAID array got inactive (instance {{ $labels.instance }})

description: "RAID array {{ $labels.device }} is in degraded state due to one or more disks failures. Number of spare drives is insufficient to fix issue automatically.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-22) 1.2.22. Host RAID disk failure

At least one device in RAID array on {{ $labels.instance }} failed. Array {{ $labels.md\_device }} needs attention and possibly a disk swap[copy]

- alert: HostRaidDiskFailure

expr: node\_md\_disks{state="failed"} > 0

for: 2m

labels:

severity: warning

annotations:

summary: Host RAID disk failure (instance {{ $labels.instance }})

description: "At least one device in RAID array on {{ $labels.instance }} failed. Array {{ $labels.md\_device }} needs attention and possibly a disk swap\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-23) 1.2.23. Host kernel version deviations

Different kernel versions are running[copy]

- alert: HostKernelVersionDeviations

expr: count(sum(label\_replace(node\_uname\_info, "kernel", "$1", "release", "([0-9]+.[0-9]+.[0-9]+).\*")) by (kernel)) > 1

for: 6h

labels:

severity: warning

annotations:

summary: Host kernel version deviations (instance {{ $labels.instance }})

description: "Different kernel versions are running\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-24) 1.2.24. Host OOM kill detected

OOM kill detected[copy]

- alert: HostOomKillDetected

expr: increase(node\_vmstat\_oom\_kill[1m]) > 0

for: 0m

labels:

severity: warning

annotations:

summary: Host OOM kill detected (instance {{ $labels.instance }})

description: "OOM kill detected\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-25) 1.2.25. Host EDAC Correctable Errors detected

Host {{ $labels.instance }} has had {{ printf "%.0f" $value }} correctable memory errors reported by EDAC in the last 5 minutes.[copy]

- alert: HostEdacCorrectableErrorsDetected

expr: increase(node\_edac\_correctable\_errors\_total[1m]) > 0

for: 0m

labels:

severity: info

annotations:

summary: Host EDAC Correctable Errors detected (instance {{ $labels.instance }})

description: "Host {{ $labels.instance }} has had {{ printf \"%.0f\" $value }} correctable memory errors reported by EDAC in the last 5 minutes.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-26) 1.2.26. Host EDAC Uncorrectable Errors detected

Host {{ $labels.instance }} has had {{ printf "%.0f" $value }} uncorrectable memory errors reported by EDAC in the last 5 minutes.[copy]

- alert: HostEdacUncorrectableErrorsDetected

expr: node\_edac\_uncorrectable\_errors\_total > 0

for: 0m

labels:

severity: warning

annotations:

summary: Host EDAC Uncorrectable Errors detected (instance {{ $labels.instance }})

description: "Host {{ $labels.instance }} has had {{ printf \"%.0f\" $value }} uncorrectable memory errors reported by EDAC in the last 5 minutes.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-27) 1.2.27. Host Network Receive Errors

Host {{ $labels.instance }} interface {{ $labels.device }} has encountered {{ printf "%.0f" $value }} receive errors in the last two minutes.[copy]

- alert: HostNetworkReceiveErrors

expr: rate(node\_network\_receive\_errs\_total[2m]) / rate(node\_network\_receive\_packets\_total[2m]) > 0.01

for: 2m

labels:

severity: warning

annotations:

summary: Host Network Receive Errors (instance {{ $labels.instance }})

description: "Host {{ $labels.instance }} interface {{ $labels.device }} has encountered {{ printf \"%.0f\" $value }} receive errors in the last two minutes.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-28) 1.2.28. Host Network Transmit Errors

Host {{ $labels.instance }} interface {{ $labels.device }} has encountered {{ printf "%.0f" $value }} transmit errors in the last two minutes.[copy]

- alert: HostNetworkTransmitErrors

expr: rate(node\_network\_transmit\_errs\_total[2m]) / rate(node\_network\_transmit\_packets\_total[2m]) > 0.01

for: 2m

labels:

severity: warning

annotations:

summary: Host Network Transmit Errors (instance {{ $labels.instance }})

description: "Host {{ $labels.instance }} interface {{ $labels.device }} has encountered {{ printf \"%.0f\" $value }} transmit errors in the last two minutes.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-29) 1.2.29. Host Network Interface Saturated

The network interface "{{ $labels.device }}" on "{{ $labels.instance }}" is getting overloaded.[copy]

- alert: HostNetworkInterfaceSaturated

expr: (rate(node\_network\_receive\_bytes\_total{device!~"^tap.\*|^vnet.\*|^veth.\*|^tun.\*"}[1m]) + rate(node\_network\_transmit\_bytes\_total{device!~"^tap.\*|^vnet.\*|^veth.\*|^tun.\*"}[1m])) / node\_network\_speed\_bytes{device!~"^tap.\*|^vnet.\*|^veth.\*|^tun.\*"} > 0.8 < 10000

for: 1m

labels:

severity: warning

annotations:

summary: Host Network Interface Saturated (instance {{ $labels.instance }})

description: "The network interface \"{{ $labels.device }}\" on \"{{ $labels.instance }}\" is getting overloaded.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-30) 1.2.30. Host Network Bond Degraded

Bond "{{ $labels.device }}" degraded on "{{ $labels.instance }}".[copy]

- alert: HostNetworkBondDegraded

expr: (node\_bonding\_active - node\_bonding\_slaves) != 0

for: 2m

labels:

severity: warning

annotations:

summary: Host Network Bond Degraded (instance {{ $labels.instance }})

description: "Bond \"{{ $labels.device }}\" degraded on \"{{ $labels.instance }}\".\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-31) 1.2.31. Host conntrack limit

The number of conntrack is approaching limit[copy]

- alert: HostConntrackLimit

expr: node\_nf\_conntrack\_entries / node\_nf\_conntrack\_entries\_limit > 0.8

for: 5m

labels:

severity: warning

annotations:

summary: Host conntrack limit (instance {{ $labels.instance }})

description: "The number of conntrack is approaching limit\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-32) 1.2.32. Host clock skew

Clock skew detected. Clock is out of sync. Ensure NTP is configured correctly on this host.[copy]

- alert: HostClockSkew

expr: (node\_timex\_offset\_seconds > 0.05 and deriv(node\_timex\_offset\_seconds[5m]) >= 0) or (node\_timex\_offset\_seconds < -0.05 and deriv(node\_timex\_offset\_seconds[5m]) <= 0)

for: 2m

labels:

severity: warning

annotations:

summary: Host clock skew (instance {{ $labels.instance }})

description: "Clock skew detected. Clock is out of sync. Ensure NTP is configured correctly on this host.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-33) 1.2.33. Host clock not synchronising

Clock not synchronising. Ensure NTP is configured on this host.[copy]

- alert: HostClockNotSynchronising

expr: min\_over\_time(node\_timex\_sync\_status[1m]) == 0 and node\_timex\_maxerror\_seconds >= 16

for: 2m

labels:

severity: warning

annotations:

summary: Host clock not synchronising (instance {{ $labels.instance }})

description: "Clock not synchronising. Ensure NTP is configured on this host.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-host-and-hardware-1-34) 1.2.34. Host requires reboot

{{ $labels.instance }} requires a reboot.[copy]

- alert: HostRequiresReboot

expr: node\_reboot\_required > 0

for: 4h

labels:

severity: info

annotations:

summary: Host requires reboot (instance {{ $labels.instance }})

description: "{{ $labels.instance }} requires a reboot.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#docker-containers-1) 1.3. Docker containers : [google/cAdvisor](https://github.com/google/cadvisor)(6 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-docker-containers-1-1) 1.3.1. Container killed

A container has disappeared[copy]

*# This rule can be very noisy in dynamic infra with legitimate container start/stop/deployment.*

- alert: ContainerKilled

expr: time() - container\_last\_seen > 60

for: 0m

labels:

severity: warning

annotations:

summary: Container killed (instance {{ $labels.instance }})

description: "A container has disappeared\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-docker-containers-1-2) 1.3.2. Container absent

A container is absent for 5 min[copy]

*# This rule can be very noisy in dynamic infra with legitimate container start/stop/deployment.*

- alert: ContainerAbsent

expr: absent(container\_last\_seen)

for: 5m

labels:

severity: warning

annotations:

summary: Container absent (instance {{ $labels.instance }})

description: "A container is absent for 5 min\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-docker-containers-1-3) 1.3.3. Container CPU usage

Container CPU usage is above 80%[copy]

- alert: ContainerCpuUsage

expr: (sum(rate(container\_cpu\_usage\_seconds\_total{name!=""}[3m])) BY (instance, name) \* 100) > 80

for: 2m

labels:

severity: warning

annotations:

summary: Container CPU usage (instance {{ $labels.instance }})

description: "Container CPU usage is above 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-docker-containers-1-4) 1.3.4. Container Memory usage

Container Memory usage is above 80%[copy]

*# See https://medium.com/faun/how-much-is-too-much-the-linux-oomkiller-and-used-memory-d32186f29c9d*

- alert: ContainerMemoryUsage

expr: (sum(container\_memory\_working\_set\_bytes{name!=""}) BY (instance, name) / sum(container\_spec\_memory\_limit\_bytes > 0) BY (instance, name) \* 100) > 80

for: 2m

labels:

severity: warning

annotations:

summary: Container Memory usage (instance {{ $labels.instance }})

description: "Container Memory usage is above 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-docker-containers-1-5) 1.3.5. Container Volume usage

Container Volume usage is above 80%[copy]

- alert: ContainerVolumeUsage

expr: (1 - (sum(container\_fs\_inodes\_free{name!=""}) BY (instance) / sum(container\_fs\_inodes\_total) BY (instance))) \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: Container Volume usage (instance {{ $labels.instance }})

description: "Container Volume usage is above 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-docker-containers-1-6) 1.3.6. Container high throttle rate

Container is being throttled[copy]

- alert: ContainerHighThrottleRate

expr: rate(container\_cpu\_cfs\_throttled\_seconds\_total[3m]) > 1

for: 2m

labels:

severity: warning

annotations:

summary: Container high throttle rate (instance {{ $labels.instance }})

description: "Container is being throttled\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#blackbox-1) 1.4. Blackbox : [prometheus/blackbox\_exporter](https://github.com/prometheus/blackbox_exporter)(8 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-1) 1.4.1. Blackbox probe failed

Probe failed[copy]

- alert: BlackboxProbeFailed

expr: probe\_success == 0

for: 0m

labels:

severity: critical

annotations:

summary: Blackbox probe failed (instance {{ $labels.instance }})

description: "Probe failed\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-2) 1.4.2. Blackbox slow probe

Blackbox probe took more than 1s to complete[copy]

- alert: BlackboxSlowProbe

expr: avg\_over\_time(probe\_duration\_seconds[1m]) > 1

for: 1m

labels:

severity: warning

annotations:

summary: Blackbox slow probe (instance {{ $labels.instance }})

description: "Blackbox probe took more than 1s to complete\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-3) 1.4.3. Blackbox probe HTTP failure

HTTP status code is not 200-399[copy]

- alert: BlackboxProbeHttpFailure

expr: probe\_http\_status\_code <= 199 OR probe\_http\_status\_code >= 400

for: 0m

labels:

severity: critical

annotations:

summary: Blackbox probe HTTP failure (instance {{ $labels.instance }})

description: "HTTP status code is not 200-399\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-4) 1.4.4. Blackbox SSL certificate will expire soon

SSL certificate expires in 30 days[copy]

- alert: BlackboxSslCertificateWillExpireSoon

expr: probe\_ssl\_earliest\_cert\_expiry - time() < 86400 \* 30

for: 0m

labels:

severity: warning

annotations:

summary: Blackbox SSL certificate will expire soon (instance {{ $labels.instance }})

description: "SSL certificate expires in 30 days\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-5) 1.4.5. Blackbox SSL certificate will expire soon

SSL certificate expires in 3 days[copy]

- alert: BlackboxSslCertificateWillExpireSoon

expr: probe\_ssl\_earliest\_cert\_expiry - time() < 86400 \* 3

for: 0m

labels:

severity: critical

annotations:

summary: Blackbox SSL certificate will expire soon (instance {{ $labels.instance }})

description: "SSL certificate expires in 3 days\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-6) 1.4.6. Blackbox SSL certificate expired

SSL certificate has expired already[copy]

- alert: BlackboxSslCertificateExpired

expr: probe\_ssl\_earliest\_cert\_expiry - time() <= 0

for: 0m

labels:

severity: critical

annotations:

summary: Blackbox SSL certificate expired (instance {{ $labels.instance }})

description: "SSL certificate has expired already\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-7) 1.4.7. Blackbox probe slow HTTP

HTTP request took more than 1s[copy]

- alert: BlackboxProbeSlowHttp

expr: avg\_over\_time(probe\_http\_duration\_seconds[1m]) > 1

for: 1m

labels:

severity: warning

annotations:

summary: Blackbox probe slow HTTP (instance {{ $labels.instance }})

description: "HTTP request took more than 1s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-blackbox-1-8) 1.4.8. Blackbox probe slow ping

Blackbox ping took more than 1s[copy]

- alert: BlackboxProbeSlowPing

expr: avg\_over\_time(probe\_icmp\_duration\_seconds[1m]) > 1

for: 1m

labels:

severity: warning

annotations:

summary: Blackbox probe slow ping (instance {{ $labels.instance }})

description: "Blackbox ping took more than 1s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#windows-server-1) 1.5. Windows Server : [prometheus-community/windows\_exporter](https://github.com/prometheus-community/windows_exporter)(5 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-windows-server-1-1) 1.5.1. Windows Server collector Error

Collector {{ $labels.collector }} was not successful[copy]

- alert: WindowsServerCollectorError

expr: windows\_exporter\_collector\_success == 0

for: 0m

labels:

severity: critical

annotations:

summary: Windows Server collector Error (instance {{ $labels.instance }})

description: "Collector {{ $labels.collector }} was not successful\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-windows-server-1-2) 1.5.2. Windows Server service Status

Windows Service state is not OK[copy]

- alert: WindowsServerServiceStatus

expr: windows\_service\_status{status="ok"} != 1

for: 1m

labels:

severity: critical

annotations:

summary: Windows Server service Status (instance {{ $labels.instance }})

description: "Windows Service state is not OK\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-windows-server-1-3) 1.5.3. Windows Server CPU Usage

CPU Usage is more than 80%[copy]

- alert: WindowsServerCpuUsage

expr: 100 - (avg by (instance) (rate(windows\_cpu\_time\_total{mode="idle"}[2m])) \* 100) > 80

for: 0m

labels:

severity: warning

annotations:

summary: Windows Server CPU Usage (instance {{ $labels.instance }})

description: "CPU Usage is more than 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-windows-server-1-4) 1.5.4. Windows Server memory Usage

Memory usage is more than 90%[copy]

- alert: WindowsServerMemoryUsage

expr: 100 - ((windows\_os\_physical\_memory\_free\_bytes / windows\_cs\_physical\_memory\_bytes) \* 100) > 90

for: 2m

labels:

severity: warning

annotations:

summary: Windows Server memory Usage (instance {{ $labels.instance }})

description: "Memory usage is more than 90%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-windows-server-1-5) 1.5.5. Windows Server disk Space Usage

Disk usage is more than 80%[copy]

- alert: WindowsServerDiskSpaceUsage

expr: 100.0 - 100 \* ((windows\_logical\_disk\_free\_bytes / 1024 / 1024 ) / (windows\_logical\_disk\_size\_bytes / 1024 / 1024)) > 80

for: 2m

labels:

severity: critical

annotations:

summary: Windows Server disk Space Usage (instance {{ $labels.instance }})

description: "Disk usage is more than 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#vmware-1) 1.6. VMware : [pryorda/vmware\_exporter](https://github.com/pryorda/vmware_exporter)(4 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-vmware-1-1) 1.6.1. Virtual Machine Memory Warning

High memory usage on {{ $labels.instance }}: {{ $value | printf "%.2f"}}%[copy]

- alert: VirtualMachineMemoryWarning

expr: vmware\_vm\_mem\_usage\_average / 100 >= 80 and vmware\_vm\_mem\_usage\_average / 100 < 90

for: 5m

labels:

severity: warning

annotations:

summary: Virtual Machine Memory Warning (instance {{ $labels.instance }})

description: "High memory usage on {{ $labels.instance }}: {{ $value | printf \"%.2f\"}}%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-vmware-1-2) 1.6.2. Virtual Machine Memory Critical

High memory usage on {{ $labels.instance }}: {{ $value | printf "%.2f"}}%[copy]

- alert: VirtualMachineMemoryCritical

expr: vmware\_vm\_mem\_usage\_average / 100 >= 90

for: 1m

labels:

severity: critical

annotations:

summary: Virtual Machine Memory Critical (instance {{ $labels.instance }})

description: "High memory usage on {{ $labels.instance }}: {{ $value | printf \"%.2f\"}}%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-vmware-1-3) 1.6.3. High Number of Snapshots

High snapshots number on {{ $labels.instance }}: {{ $value }}[copy]

- alert: HighNumberOfSnapshots

expr: vmware\_vm\_snapshots > 3

for: 30m

labels:

severity: warning

annotations:

summary: High Number of Snapshots (instance {{ $labels.instance }})

description: "High snapshots number on {{ $labels.instance }}: {{ $value }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-vmware-1-4) 1.6.4. Outdated Snapshots

Outdated snapshots on {{ $labels.instance }}: {{ $value | printf "%.0f"}} days[copy]

- alert: OutdatedSnapshots

expr: (time() - vmware\_vm\_snapshot\_timestamp\_seconds) / (60 \* 60 \* 24) >= 3

for: 5m

labels:

severity: warning

annotations:

summary: Outdated Snapshots (instance {{ $labels.instance }})

description: "Outdated snapshots on {{ $labels.instance }}: {{ $value | printf \"%.0f\"}} days\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#netdata-1) 1.7. Netdata : [Embedded exporter](https://github.com/netdata/netdata/blob/master/backends/prometheus/README.md)(9 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-1) 1.7.1. Netdata high cpu usage

Netdata high CPU usage (> 80%)[copy]

- alert: NetdataHighCpuUsage

expr: rate(netdata\_cpu\_cpu\_percentage\_average{dimension="idle"}[1m]) > 80

for: 5m

labels:

severity: warning

annotations:

summary: Netdata high cpu usage (instance {{ $labels.instance }})

description: "Netdata high CPU usage (> 80%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-2) 1.7.2. Host CPU steal noisy neighbor

CPU steal is > 10%. A noisy neighbor is killing VM performances or a spot instance may be out of credit.[copy]

- alert: HostCpuStealNoisyNeighbor

expr: rate(netdata\_cpu\_cpu\_percentage\_average{dimension="steal"}[1m]) > 10

for: 5m

labels:

severity: warning

annotations:

summary: Host CPU steal noisy neighbor (instance {{ $labels.instance }})

description: "CPU steal is > 10%. A noisy neighbor is killing VM performances or a spot instance may be out of credit.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-3) 1.7.3. Netdata high memory usage

Netdata high memory usage (> 80%)[copy]

- alert: NetdataHighMemoryUsage

expr: 100 / netdata\_system\_ram\_MB\_average \* netdata\_system\_ram\_MB\_average{dimension=~"free|cached"} < 20

for: 5m

labels:

severity: warning

annotations:

summary: Netdata high memory usage (instance {{ $labels.instance }})

description: "Netdata high memory usage (> 80%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-4) 1.7.4. Netdata low disk space

Netdata low disk space (> 80%)[copy]

- alert: NetdataLowDiskSpace

expr: 100 / netdata\_disk\_space\_GB\_average \* netdata\_disk\_space\_GB\_average{dimension=~"avail|cached"} < 20

for: 5m

labels:

severity: warning

annotations:

summary: Netdata low disk space (instance {{ $labels.instance }})

description: "Netdata low disk space (> 80%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-5) 1.7.5. Netdata predicted disk full

Netdata predicted disk full in 24 hours[copy]

- alert: NetdataPredictedDiskFull

expr: predict\_linear(netdata\_disk\_space\_GB\_average{dimension=~"avail|cached"}[3h], 24 \* 3600) < 0

for: 0m

labels:

severity: warning

annotations:

summary: Netdata predicted disk full (instance {{ $labels.instance }})

description: "Netdata predicted disk full in 24 hours\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-6) 1.7.6. Netdata MD mismatch cnt unsynchronized blocks

RAID Array have unsynchronized blocks[copy]

- alert: NetdataMdMismatchCntUnsynchronizedBlocks

expr: netdata\_md\_mismatch\_cnt\_unsynchronized\_blocks\_average > 1024

for: 2m

labels:

severity: warning

annotations:

summary: Netdata MD mismatch cnt unsynchronized blocks (instance {{ $labels.instance }})

description: "RAID Array have unsynchronized blocks\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-7) 1.7.7. Netdata disk reallocated sectors

Reallocated sectors on disk[copy]

- alert: NetdataDiskReallocatedSectors

expr: increase(netdata\_smartd\_log\_reallocated\_sectors\_count\_sectors\_average[1m]) > 0

for: 0m

labels:

severity: info

annotations:

summary: Netdata disk reallocated sectors (instance {{ $labels.instance }})

description: "Reallocated sectors on disk\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-8) 1.7.8. Netdata disk current pending sector

Disk current pending sector[copy]

- alert: NetdataDiskCurrentPendingSector

expr: netdata\_smartd\_log\_current\_pending\_sector\_count\_sectors\_average > 0

for: 0m

labels:

severity: warning

annotations:

summary: Netdata disk current pending sector (instance {{ $labels.instance }})

description: "Disk current pending sector\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-netdata-1-9) 1.7.9. Netdata reported uncorrectable disk sectors

Reported uncorrectable disk sectors[copy]

- alert: NetdataReportedUncorrectableDiskSectors

expr: increase(netdata\_smartd\_log\_offline\_uncorrectable\_sector\_count\_sectors\_average[2m]) > 0

for: 0m

labels:

severity: warning

annotations:

summary: Netdata reported uncorrectable disk sectors (instance {{ $labels.instance }})

description: "Reported uncorrectable disk sectors\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#mysql-1) 2.1. MySQL : [prometheus/mysqld\_exporter](https://github.com/prometheus/mysqld_exporter)(9 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-1) 2.1.1. MySQL down

MySQL instance is down on {{ $labels.instance }}[copy]

- alert: MysqlDown

expr: mysql\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: MySQL down (instance {{ $labels.instance }})

description: "MySQL instance is down on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-2) 2.1.2. MySQL too many connections (> 80%)

More than 80% of MySQL connections are in use on {{ $labels.instance }}[copy]

- alert: MysqlTooManyConnections(>80%)

expr: max\_over\_time(mysql\_global\_status\_threads\_connected[1m]) / mysql\_global\_variables\_max\_connections \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: MySQL too many connections (> 80%) (instance {{ $labels.instance }})

description: "More than 80% of MySQL connections are in use on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-3) 2.1.3. MySQL high threads running

More than 60% of MySQL connections are in running state on {{ $labels.instance }}[copy]

- alert: MysqlHighThreadsRunning

expr: max\_over\_time(mysql\_global\_status\_threads\_running[1m]) / mysql\_global\_variables\_max\_connections \* 100 > 60

for: 2m

labels:

severity: warning

annotations:

summary: MySQL high threads running (instance {{ $labels.instance }})

description: "More than 60% of MySQL connections are in running state on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-4) 2.1.4. MySQL Slave IO thread not running

MySQL Slave IO thread not running on {{ $labels.instance }}[copy]

- alert: MysqlSlaveIoThreadNotRunning

expr: mysql\_slave\_status\_master\_server\_id > 0 and ON (instance) mysql\_slave\_status\_slave\_io\_running == 0

for: 0m

labels:

severity: critical

annotations:

summary: MySQL Slave IO thread not running (instance {{ $labels.instance }})

description: "MySQL Slave IO thread not running on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-5) 2.1.5. MySQL Slave SQL thread not running

MySQL Slave SQL thread not running on {{ $labels.instance }}[copy]

- alert: MysqlSlaveSqlThreadNotRunning

expr: mysql\_slave\_status\_master\_server\_id > 0 and ON (instance) mysql\_slave\_status\_slave\_sql\_running == 0

for: 0m

labels:

severity: critical

annotations:

summary: MySQL Slave SQL thread not running (instance {{ $labels.instance }})

description: "MySQL Slave SQL thread not running on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-6) 2.1.6. MySQL Slave replication lag

MySQL replication lag on {{ $labels.instance }}[copy]

- alert: MysqlSlaveReplicationLag

expr: mysql\_slave\_status\_master\_server\_id > 0 and ON (instance) (mysql\_slave\_status\_seconds\_behind\_master - mysql\_slave\_status\_sql\_delay) > 30

for: 1m

labels:

severity: critical

annotations:

summary: MySQL Slave replication lag (instance {{ $labels.instance }})

description: "MySQL replication lag on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-7) 2.1.7. MySQL slow queries

MySQL server mysql has some new slow query.[copy]

- alert: MysqlSlowQueries

expr: increase(mysql\_global\_status\_slow\_queries[1m]) > 0

for: 2m

labels:

severity: warning

annotations:

summary: MySQL slow queries (instance {{ $labels.instance }})

description: "MySQL server mysql has some new slow query.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-8) 2.1.8. MySQL InnoDB log waits

MySQL innodb log writes stalling[copy]

- alert: MysqlInnodbLogWaits

expr: rate(mysql\_global\_status\_innodb\_log\_waits[15m]) > 10

for: 0m

labels:

severity: warning

annotations:

summary: MySQL InnoDB log waits (instance {{ $labels.instance }})

description: "MySQL innodb log writes stalling\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mysql-1-9) 2.1.9. MySQL restarted

MySQL has just been restarted, less than one minute ago on {{ $labels.instance }}.[copy]

- alert: MysqlRestarted

expr: mysql\_global\_status\_uptime < 60

for: 0m

labels:

severity: info

annotations:

summary: MySQL restarted (instance {{ $labels.instance }})

description: "MySQL has just been restarted, less than one minute ago on {{ $labels.instance }}.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#postgresql-1) 2.2. PostgreSQL : [prometheus-community/postgres\_exporter](https://github.com/prometheus-community/postgres_exporter)(23 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-1) 2.2.1. Postgresql down

Postgresql instance is down[copy]

- alert: PostgresqlDown

expr: pg\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql down (instance {{ $labels.instance }})

description: "Postgresql instance is down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-2) 2.2.2. Postgresql restarted

Postgresql restarted[copy]

- alert: PostgresqlRestarted

expr: time() - pg\_postmaster\_start\_time\_seconds < 60

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql restarted (instance {{ $labels.instance }})

description: "Postgresql restarted\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-3) 2.2.3. Postgresql exporter error

Postgresql exporter is showing errors. A query may be buggy in query.yaml[copy]

- alert: PostgresqlExporterError

expr: pg\_exporter\_last\_scrape\_error > 0

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql exporter error (instance {{ $labels.instance }})

description: "Postgresql exporter is showing errors. A query may be buggy in query.yaml\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-4) 2.2.4. Postgresql replication lag

PostgreSQL replication lag is going up (> 30s)[copy]

- alert: PostgresqlReplicationLag

expr: pg\_replication\_lag > 30 and ON(instance) pg\_replication\_is\_replica == 1

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql replication lag (instance {{ $labels.instance }})

description: "PostgreSQL replication lag is going up (> 30s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-5) 2.2.5. Postgresql table not auto vacuumed

Table {{ $labels.relname }} has not been auto vacuumed for 10 days[copy]

- alert: PostgresqlTableNotAutoVacuumed

expr: (pg\_stat\_user\_tables\_last\_autovacuum > 0) and (time() - pg\_stat\_user\_tables\_last\_autovacuum) > 60 \* 60 \* 24 \* 10

for: 0m

labels:

severity: warning

annotations:

summary: Postgresql table not auto vacuumed (instance {{ $labels.instance }})

description: "Table {{ $labels.relname }} has not been auto vacuumed for 10 days\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-6) 2.2.6. Postgresql table not auto analyzed

Table {{ $labels.relname }} has not been auto analyzed for 10 days[copy]

- alert: PostgresqlTableNotAutoAnalyzed

expr: (pg\_stat\_user\_tables\_last\_autoanalyze > 0) and (time() - pg\_stat\_user\_tables\_last\_autoanalyze) > 24 \* 60 \* 60 \* 10

for: 0m

labels:

severity: warning

annotations:

summary: Postgresql table not auto analyzed (instance {{ $labels.instance }})

description: "Table {{ $labels.relname }} has not been auto analyzed for 10 days\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-7) 2.2.7. Postgresql too many connections

PostgreSQL instance has too many connections (> 80%).[copy]

- alert: PostgresqlTooManyConnections

expr: sum by (datname) (pg\_stat\_activity\_count{datname!~"template.\*|postgres"}) > pg\_settings\_max\_connections \* 0.8

for: 2m

labels:

severity: warning

annotations:

summary: Postgresql too many connections (instance {{ $labels.instance }})

description: "PostgreSQL instance has too many connections (> 80%).\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-8) 2.2.8. Postgresql not enough connections

PostgreSQL instance should have more connections (> 5)[copy]

- alert: PostgresqlNotEnoughConnections

expr: sum by (datname) (pg\_stat\_activity\_count{datname!~"template.\*|postgres"}) < 5

for: 2m

labels:

severity: warning

annotations:

summary: Postgresql not enough connections (instance {{ $labels.instance }})

description: "PostgreSQL instance should have more connections (> 5)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-9) 2.2.9. Postgresql dead locks

PostgreSQL has dead-locks[copy]

- alert: PostgresqlDeadLocks

expr: increase(pg\_stat\_database\_deadlocks{datname!~"template.\*|postgres"}[1m]) > 5

for: 0m

labels:

severity: warning

annotations:

summary: Postgresql dead locks (instance {{ $labels.instance }})

description: "PostgreSQL has dead-locks\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-10) 2.2.10. Postgresql high rollback rate

Ratio of transactions being aborted compared to committed is > 2 %[copy]

- alert: PostgresqlHighRollbackRate

expr: rate(pg\_stat\_database\_xact\_rollback{datname!~"template.\*"}[3m]) / rate(pg\_stat\_database\_xact\_commit{datname!~"template.\*"}[3m]) > 0.02

for: 0m

labels:

severity: warning

annotations:

summary: Postgresql high rollback rate (instance {{ $labels.instance }})

description: "Ratio of transactions being aborted compared to committed is > 2 %\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-11) 2.2.11. Postgresql commit rate low

Postgresql seems to be processing very few transactions[copy]

- alert: PostgresqlCommitRateLow

expr: rate(pg\_stat\_database\_xact\_commit[1m]) < 10

for: 2m

labels:

severity: critical

annotations:

summary: Postgresql commit rate low (instance {{ $labels.instance }})

description: "Postgresql seems to be processing very few transactions\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-12) 2.2.12. Postgresql low XID consumption

Postgresql seems to be consuming transaction IDs very slowly[copy]

- alert: PostgresqlLowXidConsumption

expr: rate(pg\_txid\_current[1m]) < 5

for: 2m

labels:

severity: warning

annotations:

summary: Postgresql low XID consumption (instance {{ $labels.instance }})

description: "Postgresql seems to be consuming transaction IDs very slowly\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-13) 2.2.13. Postgresql high rate statement timeout

Postgres transactions showing high rate of statement timeouts[copy]

- alert: PostgresqlHighRateStatementTimeout

expr: rate(postgresql\_errors\_total{type="statement\_timeout"}[1m]) > 3

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql high rate statement timeout (instance {{ $labels.instance }})

description: "Postgres transactions showing high rate of statement timeouts\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-14) 2.2.14. Postgresql high rate deadlock

Postgres detected deadlocks[copy]

- alert: PostgresqlHighRateDeadlock

expr: increase(postgresql\_errors\_total{type="deadlock\_detected"}[1m]) > 1

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql high rate deadlock (instance {{ $labels.instance }})

description: "Postgres detected deadlocks\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-15) 2.2.15. Postgresql unused replication slot

Unused Replication Slots[copy]

- alert: PostgresqlUnusedReplicationSlot

expr: pg\_replication\_slots\_active == 0

for: 1m

labels:

severity: warning

annotations:

summary: Postgresql unused replication slot (instance {{ $labels.instance }})

description: "Unused Replication Slots\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-16) 2.2.16. Postgresql too many dead tuples

PostgreSQL dead tuples is too large[copy]

- alert: PostgresqlTooManyDeadTuples

expr: ((pg\_stat\_user\_tables\_n\_dead\_tup > 10000) / (pg\_stat\_user\_tables\_n\_live\_tup + pg\_stat\_user\_tables\_n\_dead\_tup)) >= 0.1 unless ON(instance) (pg\_replication\_is\_replica == 1)

for: 2m

labels:

severity: warning

annotations:

summary: Postgresql too many dead tuples (instance {{ $labels.instance }})

description: "PostgreSQL dead tuples is too large\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-17) 2.2.17. Postgresql split brain

Split Brain, too many primary Postgresql databases in read-write mode[copy]

- alert: PostgresqlSplitBrain

expr: count(pg\_replication\_is\_replica == 0) != 1

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql split brain (instance {{ $labels.instance }})

description: "Split Brain, too many primary Postgresql databases in read-write mode\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-18) 2.2.18. Postgresql promoted node

Postgresql standby server has been promoted as primary node[copy]

- alert: PostgresqlPromotedNode

expr: pg\_replication\_is\_replica and changes(pg\_replication\_is\_replica[1m]) > 0

for: 0m

labels:

severity: warning

annotations:

summary: Postgresql promoted node (instance {{ $labels.instance }})

description: "Postgresql standby server has been promoted as primary node\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-19) 2.2.19. Postgresql configuration changed

Postgres Database configuration change has occurred[copy]

- alert: PostgresqlConfigurationChanged

expr: {\_\_name\_\_=~"pg\_settings\_.\*"} **!=** ON(\_\_name\_\_) {\_\_name\_\_=~"pg\_settings\_([^t]|t[^r]|tr[^a]|tra[^n]|tran[^s]|trans[^a]|transa[^c]|transac[^t]|transact[^i]|transacti[^o]|transactio[^n]|transaction[^\_]|transaction\_[^r]|transaction\_r[^e]|transaction\_re[^a]|transaction\_rea[^d]|transaction\_read[^\_]|transaction\_read\_[^o]|transaction\_read\_o[^n]|transaction\_read\_on[^l]|transaction\_read\_onl[^y]).\*"} OFFSET 5m

for: 0m

labels:

severity: info

annotations:

summary: Postgresql configuration changed (instance {{ $labels.instance }})

description: "Postgres Database configuration change has occurred\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-20) 2.2.20. Postgresql SSL compression active

Database connections with SSL compression enabled. This may add significant jitter in replication delay. Replicas should turn off SSL compression via `sslcompression=0` in `recovery.conf`.[copy]

- alert: PostgresqlSslCompressionActive

expr: sum(pg\_stat\_ssl\_compression) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Postgresql SSL compression active (instance {{ $labels.instance }})

description: "Database connections with SSL compression enabled. This may add significant jitter in replication delay. Replicas should turn off SSL compression via `sslcompression=0` in `recovery.conf`.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-21) 2.2.21. Postgresql too many locks acquired

Too many locks acquired on the database. If this alert happens frequently, we may need to increase the postgres setting max\_locks\_per\_transaction.[copy]

- alert: PostgresqlTooManyLocksAcquired

expr: ((sum (pg\_locks\_count)) / (pg\_settings\_max\_locks\_per\_transaction \* pg\_settings\_max\_connections)) > 0.20

for: 2m

labels:

severity: critical

annotations:

summary: Postgresql too many locks acquired (instance {{ $labels.instance }})

description: "Too many locks acquired on the database. If this alert happens frequently, we may need to increase the postgres setting max\_locks\_per\_transaction.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-22) 2.2.22. Postgresql bloat index high (> 80%)

The index {{ $labels.idxname }} is bloated. You should execute `REINDEX INDEX CONCURRENTLY {{ $labels.idxname }};`[copy]

*# See https://github.com/samber/awesome-prometheus-alerts/issues/289#issuecomment-1164842737*

- alert: PostgresqlBloatIndexHigh(>80%)

expr: pg\_bloat\_btree\_bloat\_pct > 80 and on (idxname) (pg\_bloat\_btree\_real\_size > 100000000)

for: 1h

labels:

severity: warning

annotations:

summary: Postgresql bloat index high (> 80%) (instance {{ $labels.instance }})

description: "The index {{ $labels.idxname }} is bloated. You should execute `REINDEX INDEX CONCURRENTLY {{ $labels.idxname }};`\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-postgresql-1-23) 2.2.23. Postgresql bloat table high (> 80%)

The table {{ $labels.relname }} is bloated. You should execute `VACUUM {{ $labels.relname }};`[copy]

*# See https://github.com/samber/awesome-prometheus-alerts/issues/289#issuecomment-1164842737*

- alert: PostgresqlBloatTableHigh(>80%)

expr: pg\_bloat\_table\_bloat\_pct > 80 and on (relname) (pg\_bloat\_table\_real\_size > 200000000)

for: 1h

labels:

severity: warning

annotations:

summary: Postgresql bloat table high (> 80%) (instance {{ $labels.instance }})

description: "The table {{ $labels.relname }} is bloated. You should execute `VACUUM {{ $labels.relname }};`\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#sql-server-1) 2.3. SQL Server : [Ozarklake/prometheus-mssql-exporter](https://github.com/Ozarklake/prometheus-mssql-exporter)(2 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-sql-server-1-1) 2.3.1. SQL Server down

SQL server instance is down[copy]

- alert: SqlServerDown

expr: mssql\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: SQL Server down (instance {{ $labels.instance }})

description: "SQL server instance is down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-sql-server-1-2) 2.3.2. SQL Server deadlock

SQL Server is having some deadlock.[copy]

- alert: SqlServerDeadlock

expr: increase(mssql\_deadlocks[1m]) > 5

for: 0m

labels:

severity: warning

annotations:

summary: SQL Server deadlock (instance {{ $labels.instance }})

description: "SQL Server is having some deadlock.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#pgbouncer-1) 2.4. PGBouncer : [spreaker/prometheus-pgbouncer-exporter](https://github.com/spreaker/prometheus-pgbouncer-exporter)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pgbouncer-1-1) 2.4.1. PGBouncer active connections

PGBouncer pools are filling up[copy]

- alert: PgbouncerActiveConnections

expr: pgbouncer\_pools\_server\_active\_connections > 200

for: 2m

labels:

severity: warning

annotations:

summary: PGBouncer active connections (instance {{ $labels.instance }})

description: "PGBouncer pools are filling up\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pgbouncer-1-2) 2.4.2. PGBouncer errors

PGBouncer is logging errors. This may be due to a a server restart or an admin typing commands at the pgbouncer console.[copy]

- alert: PgbouncerErrors

expr: increase(pgbouncer\_errors\_count{errmsg!="server conn crashed?"}[1m]) > 10

for: 0m

labels:

severity: warning

annotations:

summary: PGBouncer errors (instance {{ $labels.instance }})

description: "PGBouncer is logging errors. This may be due to a a server restart or an admin typing commands at the pgbouncer console.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pgbouncer-1-3) 2.4.3. PGBouncer max connections

The number of PGBouncer client connections has reached max\_client\_conn.[copy]

- alert: PgbouncerMaxConnections

expr: increase(pgbouncer\_errors\_count{errmsg="no more connections allowed (max\_client\_conn)"}[30s]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: PGBouncer max connections (instance {{ $labels.instance }})

description: "The number of PGBouncer client connections has reached max\_client\_conn.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#redis-1) 2.5. Redis : [oliver006/redis\_exporter](https://github.com/oliver006/redis_exporter)(12 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-1) 2.5.1. Redis down

Redis instance is down[copy]

- alert: RedisDown

expr: redis\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Redis down (instance {{ $labels.instance }})

description: "Redis instance is down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-2) 2.5.2. Redis missing master

Redis cluster has no node marked as master.[copy]

- alert: RedisMissingMaster

expr: (count(redis\_instance\_info{role="master"}) or vector(0)) < 1

for: 0m

labels:

severity: critical

annotations:

summary: Redis missing master (instance {{ $labels.instance }})

description: "Redis cluster has no node marked as master.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-3) 2.5.3. Redis too many masters

Redis cluster has too many nodes marked as master.[copy]

- alert: RedisTooManyMasters

expr: count(redis\_instance\_info{role="master"}) > 1

for: 0m

labels:

severity: critical

annotations:

summary: Redis too many masters (instance {{ $labels.instance }})

description: "Redis cluster has too many nodes marked as master.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-4) 2.5.4. Redis disconnected slaves

Redis not replicating for all slaves. Consider reviewing the redis replication status.[copy]

- alert: RedisDisconnectedSlaves

expr: count without (instance, job) (redis\_connected\_slaves) - sum without (instance, job) (redis\_connected\_slaves) - 1 > 1

for: 0m

labels:

severity: critical

annotations:

summary: Redis disconnected slaves (instance {{ $labels.instance }})

description: "Redis not replicating for all slaves. Consider reviewing the redis replication status.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-5) 2.5.5. Redis replication broken

Redis instance lost a slave[copy]

- alert: RedisReplicationBroken

expr: delta(redis\_connected\_slaves[1m]) < 0

for: 0m

labels:

severity: critical

annotations:

summary: Redis replication broken (instance {{ $labels.instance }})

description: "Redis instance lost a slave\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-6) 2.5.6. Redis cluster flapping

Changes have been detected in Redis replica connection. This can occur when replica nodes lose connection to the master and reconnect (a.k.a flapping).[copy]

- alert: RedisClusterFlapping

expr: changes(redis\_connected\_slaves[1m]) > 1

for: 2m

labels:

severity: critical

annotations:

summary: Redis cluster flapping (instance {{ $labels.instance }})

description: "Changes have been detected in Redis replica connection. This can occur when replica nodes lose connection to the master and reconnect (a.k.a flapping).\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-7) 2.5.7. Redis missing backup

Redis has not been backuped for 24 hours[copy]

- alert: RedisMissingBackup

expr: time() - redis\_rdb\_last\_save\_timestamp\_seconds > 60 \* 60 \* 24

for: 0m

labels:

severity: critical

annotations:

summary: Redis missing backup (instance {{ $labels.instance }})

description: "Redis has not been backuped for 24 hours\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-8) 2.5.8. Redis out of system memory

Redis is running out of system memory (> 90%)[copy]

*# The exporter must be started with --include-system-metrics flag or REDIS\_EXPORTER\_INCL\_SYSTEM\_METRICS=true environment variable.*

- alert: RedisOutOfSystemMemory

expr: redis\_memory\_used\_bytes / redis\_total\_system\_memory\_bytes \* 100 > 90

for: 2m

labels:

severity: warning

annotations:

summary: Redis out of system memory (instance {{ $labels.instance }})

description: "Redis is running out of system memory (> 90%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-9) 2.5.9. Redis out of configured maxmemory

Redis is running out of configured maxmemory (> 90%)[copy]

- alert: RedisOutOfConfiguredMaxmemory

expr: redis\_memory\_used\_bytes / redis\_memory\_max\_bytes \* 100 > 90

for: 2m

labels:

severity: warning

annotations:

summary: Redis out of configured maxmemory (instance {{ $labels.instance }})

description: "Redis is running out of configured maxmemory (> 90%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-10) 2.5.10. Redis too many connections

Redis instance has too many connections[copy]

- alert: RedisTooManyConnections

expr: redis\_connected\_clients > 100

for: 2m

labels:

severity: warning

annotations:

summary: Redis too many connections (instance {{ $labels.instance }})

description: "Redis instance has too many connections\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-11) 2.5.11. Redis not enough connections

Redis instance should have more connections (> 5)[copy]

- alert: RedisNotEnoughConnections

expr: redis\_connected\_clients < 5

for: 2m

labels:

severity: warning

annotations:

summary: Redis not enough connections (instance {{ $labels.instance }})

description: "Redis instance should have more connections (> 5)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-redis-1-12) 2.5.12. Redis rejected connections

Some connections to Redis has been rejected[copy]

- alert: RedisRejectedConnections

expr: increase(redis\_rejected\_connections\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Redis rejected connections (instance {{ $labels.instance }})

description: "Some connections to Redis has been rejected\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#mongodb-1) 2.6.1. MongoDB : [percona/mongodb\_exporter](https://github.com/percona/mongodb_exporter)(7 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-1-1) 2.6.1.1. MongoDB Down

MongoDB instance is down[copy]

- alert: MongodbDown

expr: mongodb\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB Down (instance {{ $labels.instance }})

description: "MongoDB instance is down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-1-2) 2.6.1.2. MongoDB replication lag

Mongodb replication lag is more than 10s[copy]

- alert: MongodbReplicationLag

expr: mongodb\_mongod\_replset\_member\_optime\_date{state="PRIMARY"} - ON (set) mongodb\_mongod\_replset\_member\_optime\_date{state="SECONDARY"} > 10

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication lag (instance {{ $labels.instance }})

description: "Mongodb replication lag is more than 10s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-1-3) 2.6.1.3. MongoDB replication headroom

MongoDB replication headroom is <= 0[copy]

- alert: MongodbReplicationHeadroom

expr: (avg(mongodb\_mongod\_replset\_oplog\_head\_timestamp - mongodb\_mongod\_replset\_oplog\_tail\_timestamp) - (avg(mongodb\_mongod\_replset\_member\_optime\_date{state="PRIMARY"}) - avg(mongodb\_mongod\_replset\_member\_optime\_date{state="SECONDARY"}))) <= 0

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication headroom (instance {{ $labels.instance }})

description: "MongoDB replication headroom is <= 0\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-1-4) 2.6.1.4. MongoDB number cursors open

Too many cursors opened by MongoDB for clients (> 10k)[copy]

- alert: MongodbNumberCursorsOpen

expr: mongodb\_mongod\_metrics\_cursor\_open{state="total"} > 10 \* 1000

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB number cursors open (instance {{ $labels.instance }})

description: "Too many cursors opened by MongoDB for clients (> 10k)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-1-5) 2.6.1.5. MongoDB cursors timeouts

Too many cursors are timing out[copy]

- alert: MongodbCursorsTimeouts

expr: increase(mongodb\_mongod\_metrics\_cursor\_timed\_out\_total[1m]) > 100

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB cursors timeouts (instance {{ $labels.instance }})

description: "Too many cursors are timing out\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-1-6) 2.6.1.6. MongoDB too many connections

Too many connections (> 80%)[copy]

- alert: MongodbTooManyConnections

expr: avg by(instance) (rate(mongodb\_connections{state="current"}[1m])) / avg by(instance) (sum (mongodb\_connections) by (instance)) \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB too many connections (instance {{ $labels.instance }})

description: "Too many connections (> 80%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-1-7) 2.6.1.7. MongoDB virtual memory usage

High memory usage[copy]

- alert: MongodbVirtualMemoryUsage

expr: (sum(mongodb\_memory{type="virtual"}) BY (instance) / sum(mongodb\_memory{type="mapped"}) BY (instance)) > 3

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB virtual memory usage (instance {{ $labels.instance }})

description: "High memory usage\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#mongodb-2) 2.6.2. MongoDB : [dcu/mongodb\_exporter](https://github.com/dcu/mongodb_exporter)(10 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-1) 2.6.2.1. MongoDB replication lag

Mongodb replication lag is more than 10s[copy]

- alert: MongodbReplicationLag

expr: avg(mongodb\_replset\_member\_optime\_date{state="PRIMARY"}) - avg(mongodb\_replset\_member\_optime\_date{state="SECONDARY"}) > 10

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication lag (instance {{ $labels.instance }})

description: "Mongodb replication lag is more than 10s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-2) 2.6.2.2. MongoDB replication Status 3

MongoDB Replication set member either perform startup self-checks, or transition from completing a rollback or resync[copy]

- alert: MongodbReplicationStatus3

expr: mongodb\_replset\_member\_state == 3

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication Status 3 (instance {{ $labels.instance }})

description: "MongoDB Replication set member either perform startup self-checks, or transition from completing a rollback or resync\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-3) 2.6.2.3. MongoDB replication Status 6

MongoDB Replication set member as seen from another member of the set, is not yet known[copy]

- alert: MongodbReplicationStatus6

expr: mongodb\_replset\_member\_state == 6

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication Status 6 (instance {{ $labels.instance }})

description: "MongoDB Replication set member as seen from another member of the set, is not yet known\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-4) 2.6.2.4. MongoDB replication Status 8

MongoDB Replication set member as seen from another member of the set, is unreachable[copy]

- alert: MongodbReplicationStatus8

expr: mongodb\_replset\_member\_state == 8

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication Status 8 (instance {{ $labels.instance }})

description: "MongoDB Replication set member as seen from another member of the set, is unreachable\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-5) 2.6.2.5. MongoDB replication Status 9

MongoDB Replication set member is actively performing a rollback. Data is not available for reads[copy]

- alert: MongodbReplicationStatus9

expr: mongodb\_replset\_member\_state == 9

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication Status 9 (instance {{ $labels.instance }})

description: "MongoDB Replication set member is actively performing a rollback. Data is not available for reads\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-6) 2.6.2.6. MongoDB replication Status 10

MongoDB Replication set member was once in a replica set but was subsequently removed[copy]

- alert: MongodbReplicationStatus10

expr: mongodb\_replset\_member\_state == 10

for: 0m

labels:

severity: critical

annotations:

summary: MongoDB replication Status 10 (instance {{ $labels.instance }})

description: "MongoDB Replication set member was once in a replica set but was subsequently removed\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-7) 2.6.2.7. MongoDB number cursors open

Too many cursors opened by MongoDB for clients (> 10k)[copy]

- alert: MongodbNumberCursorsOpen

expr: mongodb\_metrics\_cursor\_open{state="total\_open"} > 10000

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB number cursors open (instance {{ $labels.instance }})

description: "Too many cursors opened by MongoDB for clients (> 10k)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-8) 2.6.2.8. MongoDB cursors timeouts

Too many cursors are timing out[copy]

- alert: MongodbCursorsTimeouts

expr: increase(mongodb\_metrics\_cursor\_timed\_out\_total[1m]) > 100

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB cursors timeouts (instance {{ $labels.instance }})

description: "Too many cursors are timing out\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-9) 2.6.2.9. MongoDB too many connections

Too many connections (> 80%)[copy]

- alert: MongodbTooManyConnections

expr: avg by(instance) (rate(mongodb\_connections{state="current"}[1m])) / avg by(instance) (sum (mongodb\_connections) by (instance)) \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB too many connections (instance {{ $labels.instance }})

description: "Too many connections (> 80%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-2-10) 2.6.2.10. MongoDB virtual memory usage

High memory usage[copy]

- alert: MongodbVirtualMemoryUsage

expr: (sum(mongodb\_memory{type="virtual"}) BY (instance) / sum(mongodb\_memory{type="mapped"}) BY (instance)) > 3

for: 2m

labels:

severity: warning

annotations:

summary: MongoDB virtual memory usage (instance {{ $labels.instance }})

description: "High memory usage\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#mongodb-3) 2.6.3. MongoDB : [stefanprodan/mgob](https://github.com/stefanprodan/mgob)(1 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-mongodb-3-1) 2.6.3.1. Mgob backup failed

MongoDB backup has failed[copy]

- alert: MgobBackupFailed

expr: changes(mgob\_scheduler\_backup\_total{status="500"}[1h]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Mgob backup failed (instance {{ $labels.instance }})

description: "MongoDB backup has failed\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#rabbitmq-1) 2.7.1. RabbitMQ : [rabbitmq/rabbitmq-prometheus](https://github.com/rabbitmq/rabbitmq-prometheus)(9 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-1) 2.7.1.1. Rabbitmq node down

Less than 3 nodes running in RabbitMQ cluster[copy]

- alert: RabbitmqNodeDown

expr: sum(rabbitmq\_build\_info) < 3

for: 0m

labels:

severity: critical

annotations:

summary: Rabbitmq node down (instance {{ $labels.instance }})

description: "Less than 3 nodes running in RabbitMQ cluster\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-2) 2.7.1.2. Rabbitmq node not distributed

Distribution link state is not 'up'[copy]

- alert: RabbitmqNodeNotDistributed

expr: erlang\_vm\_dist\_node\_state < 3

for: 0m

labels:

severity: critical

annotations:

summary: Rabbitmq node not distributed (instance {{ $labels.instance }})

description: "Distribution link state is not 'up'\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-3) 2.7.1.3. Rabbitmq instances different versions

Running different version of Rabbitmq in the same cluster, can lead to failure.[copy]

- alert: RabbitmqInstancesDifferentVersions

expr: count(count(rabbitmq\_build\_info) by (rabbitmq\_version)) > 1

for: 1h

labels:

severity: warning

annotations:

summary: Rabbitmq instances different versions (instance {{ $labels.instance }})

description: "Running different version of Rabbitmq in the same cluster, can lead to failure.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-4) 2.7.1.4. Rabbitmq memory high

A node use more than 90% of allocated RAM[copy]

- alert: RabbitmqMemoryHigh

expr: rabbitmq\_process\_resident\_memory\_bytes / rabbitmq\_resident\_memory\_limit\_bytes \* 100 > 90

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq memory high (instance {{ $labels.instance }})

description: "A node use more than 90% of allocated RAM\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-5) 2.7.1.5. Rabbitmq file descriptors usage

A node use more than 90% of file descriptors[copy]

- alert: RabbitmqFileDescriptorsUsage

expr: rabbitmq\_process\_open\_fds / rabbitmq\_process\_max\_fds \* 100 > 90

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq file descriptors usage (instance {{ $labels.instance }})

description: "A node use more than 90% of file descriptors\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-6) 2.7.1.6. Rabbitmq too many unack messages

Too many unacknowledged messages[copy]

- alert: RabbitmqTooManyUnackMessages

expr: sum(rabbitmq\_queue\_messages\_unacked) BY (queue) > 1000

for: 1m

labels:

severity: warning

annotations:

summary: Rabbitmq too many unack messages (instance {{ $labels.instance }})

description: "Too many unacknowledged messages\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-7) 2.7.1.7. Rabbitmq too many connections

The total connections of a node is too high[copy]

- alert: RabbitmqTooManyConnections

expr: rabbitmq\_connections > 1000

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq too many connections (instance {{ $labels.instance }})

description: "The total connections of a node is too high\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-8) 2.7.1.8. Rabbitmq no queue consumer

A queue has less than 1 consumer[copy]

- alert: RabbitmqNoQueueConsumer

expr: rabbitmq\_queue\_consumers < 1

for: 1m

labels:

severity: warning

annotations:

summary: Rabbitmq no queue consumer (instance {{ $labels.instance }})

description: "A queue has less than 1 consumer\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-1-9) 2.7.1.9. Rabbitmq unroutable messages

A queue has unroutable messages[copy]

- alert: RabbitmqUnroutableMessages

expr: increase(rabbitmq\_channel\_messages\_unroutable\_returned\_total[1m]) > 0 or increase(rabbitmq\_channel\_messages\_unroutable\_dropped\_total[1m]) > 0

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq unroutable messages (instance {{ $labels.instance }})

description: "A queue has unroutable messages\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#rabbitmq-2) 2.7.2. RabbitMQ : [kbudde/rabbitmq-exporter](https://github.com/kbudde/rabbitmq_exporter)(11 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-1) 2.7.2.1. Rabbitmq down

RabbitMQ node down[copy]

- alert: RabbitmqDown

expr: rabbitmq\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Rabbitmq down (instance {{ $labels.instance }})

description: "RabbitMQ node down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-2) 2.7.2.2. Rabbitmq cluster down

Less than 3 nodes running in RabbitMQ cluster[copy]

- alert: RabbitmqClusterDown

expr: sum(rabbitmq\_running) < 3

for: 0m

labels:

severity: critical

annotations:

summary: Rabbitmq cluster down (instance {{ $labels.instance }})

description: "Less than 3 nodes running in RabbitMQ cluster\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-3) 2.7.2.3. Rabbitmq cluster partition

Cluster partition[copy]

- alert: RabbitmqClusterPartition

expr: rabbitmq\_partitions > 0

for: 0m

labels:

severity: critical

annotations:

summary: Rabbitmq cluster partition (instance {{ $labels.instance }})

description: "Cluster partition\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-4) 2.7.2.4. Rabbitmq out of memory

Memory available for RabbmitMQ is low (< 10%)[copy]

- alert: RabbitmqOutOfMemory

expr: rabbitmq\_node\_mem\_used / rabbitmq\_node\_mem\_limit \* 100 > 90

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq out of memory (instance {{ $labels.instance }})

description: "Memory available for RabbmitMQ is low (< 10%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-5) 2.7.2.5. Rabbitmq too many connections

RabbitMQ instance has too many connections (> 1000)[copy]

- alert: RabbitmqTooManyConnections

expr: rabbitmq\_connectionsTotal > 1000

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq too many connections (instance {{ $labels.instance }})

description: "RabbitMQ instance has too many connections (> 1000)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-6) 2.7.2.6. Rabbitmq dead letter queue filling up

Dead letter queue is filling up (> 10 msgs)[copy]

*# Indicate the queue name in dedicated label.*

- alert: RabbitmqDeadLetterQueueFillingUp

expr: rabbitmq\_queue\_messages{queue="my-dead-letter-queue"} > 10

for: 1m

labels:

severity: warning

annotations:

summary: Rabbitmq dead letter queue filling up (instance {{ $labels.instance }})

description: "Dead letter queue is filling up (> 10 msgs)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-7) 2.7.2.7. Rabbitmq too many messages in queue

Queue is filling up (> 1000 msgs)[copy]

*# Indicate the queue name in dedicated label.*

- alert: RabbitmqTooManyMessagesInQueue

expr: rabbitmq\_queue\_messages\_ready{queue="my-queue"} > 1000

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq too many messages in queue (instance {{ $labels.instance }})

description: "Queue is filling up (> 1000 msgs)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-8) 2.7.2.8. Rabbitmq slow queue consuming

Queue messages are consumed slowly (> 60s)[copy]

*# Indicate the queue name in dedicated label.*

- alert: RabbitmqSlowQueueConsuming

expr: time() - rabbitmq\_queue\_head\_message\_timestamp{queue="my-queue"} > 60

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq slow queue consuming (instance {{ $labels.instance }})

description: "Queue messages are consumed slowly (> 60s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-9) 2.7.2.9. Rabbitmq no consumer

Queue has no consumer[copy]

- alert: RabbitmqNoConsumer

expr: rabbitmq\_queue\_consumers == 0

for: 1m

labels:

severity: critical

annotations:

summary: Rabbitmq no consumer (instance {{ $labels.instance }})

description: "Queue has no consumer\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-10) 2.7.2.10. Rabbitmq too many consumers

Queue should have only 1 consumer[copy]

*# Indicate the queue name in dedicated label.*

- alert: RabbitmqTooManyConsumers

expr: rabbitmq\_queue\_consumers{queue="my-queue"} > 1

for: 0m

labels:

severity: critical

annotations:

summary: Rabbitmq too many consumers (instance {{ $labels.instance }})

description: "Queue should have only 1 consumer\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-rabbitmq-2-11) 2.7.2.11. Rabbitmq unactive exchange

Exchange receive less than 5 msgs per second[copy]

*# Indicate the exchange name in dedicated label.*

- alert: RabbitmqUnactiveExchange

expr: rate(rabbitmq\_exchange\_messages\_published\_in\_total{exchange="my-exchange"}[1m]) < 5

for: 2m

labels:

severity: warning

annotations:

summary: Rabbitmq unactive exchange (instance {{ $labels.instance }})

description: "Exchange receive less than 5 msgs per second\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#elasticsearch-1) 2.8. Elasticsearch : [justwatchcom/elasticsearch\_exporter](https://github.com/justwatchcom/elasticsearch_exporter)(15 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-1) 2.8.1. Elasticsearch Heap Usage Too High

The heap usage is over 90%[copy]

- alert: ElasticsearchHeapUsageTooHigh

expr: (elasticsearch\_jvm\_memory\_used\_bytes{area="heap"} / elasticsearch\_jvm\_memory\_max\_bytes{area="heap"}) \* 100 > 90

for: 2m

labels:

severity: critical

annotations:

summary: Elasticsearch Heap Usage Too High (instance {{ $labels.instance }})

description: "The heap usage is over 90%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-2) 2.8.2. Elasticsearch Heap Usage warning

The heap usage is over 80%[copy]

- alert: ElasticsearchHeapUsageWarning

expr: (elasticsearch\_jvm\_memory\_used\_bytes{area="heap"} / elasticsearch\_jvm\_memory\_max\_bytes{area="heap"}) \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: Elasticsearch Heap Usage warning (instance {{ $labels.instance }})

description: "The heap usage is over 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-3) 2.8.3. Elasticsearch disk out of space

The disk usage is over 90%[copy]

- alert: ElasticsearchDiskOutOfSpace

expr: elasticsearch\_filesystem\_data\_available\_bytes / elasticsearch\_filesystem\_data\_size\_bytes \* 100 < 10

for: 0m

labels:

severity: critical

annotations:

summary: Elasticsearch disk out of space (instance {{ $labels.instance }})

description: "The disk usage is over 90%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-4) 2.8.4. Elasticsearch disk space low

The disk usage is over 80%[copy]

- alert: ElasticsearchDiskSpaceLow

expr: elasticsearch\_filesystem\_data\_available\_bytes / elasticsearch\_filesystem\_data\_size\_bytes \* 100 < 20

for: 2m

labels:

severity: warning

annotations:

summary: Elasticsearch disk space low (instance {{ $labels.instance }})

description: "The disk usage is over 80%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-5) 2.8.5. Elasticsearch Cluster Red

Elastic Cluster Red status[copy]

- alert: ElasticsearchClusterRed

expr: elasticsearch\_cluster\_health\_status{color="red"} == 1

for: 0m

labels:

severity: critical

annotations:

summary: Elasticsearch Cluster Red (instance {{ $labels.instance }})

description: "Elastic Cluster Red status\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-6) 2.8.6. Elasticsearch Cluster Yellow

Elastic Cluster Yellow status[copy]

- alert: ElasticsearchClusterYellow

expr: elasticsearch\_cluster\_health\_status{color="yellow"} == 1

for: 0m

labels:

severity: warning

annotations:

summary: Elasticsearch Cluster Yellow (instance {{ $labels.instance }})

description: "Elastic Cluster Yellow status\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-7) 2.8.7. Elasticsearch Healthy Nodes

Missing node in Elasticsearch cluster[copy]

- alert: ElasticsearchHealthyNodes

expr: elasticsearch\_cluster\_health\_number\_of\_nodes < 3

for: 0m

labels:

severity: critical

annotations:

summary: Elasticsearch Healthy Nodes (instance {{ $labels.instance }})

description: "Missing node in Elasticsearch cluster\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-8) 2.8.8. Elasticsearch Healthy Data Nodes

Missing data node in Elasticsearch cluster[copy]

- alert: ElasticsearchHealthyDataNodes

expr: elasticsearch\_cluster\_health\_number\_of\_data\_nodes < 3

for: 0m

labels:

severity: critical

annotations:

summary: Elasticsearch Healthy Data Nodes (instance {{ $labels.instance }})

description: "Missing data node in Elasticsearch cluster\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-9) 2.8.9. Elasticsearch relocating shards

Elasticsearch is relocating shards[copy]

- alert: ElasticsearchRelocatingShards

expr: elasticsearch\_cluster\_health\_relocating\_shards > 0

for: 0m

labels:

severity: info

annotations:

summary: Elasticsearch relocating shards (instance {{ $labels.instance }})

description: "Elasticsearch is relocating shards\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-10) 2.8.10. Elasticsearch relocating shards too long

Elasticsearch has been relocating shards for 15min[copy]

- alert: ElasticsearchRelocatingShardsTooLong

expr: elasticsearch\_cluster\_health\_relocating\_shards > 0

for: 15m

labels:

severity: warning

annotations:

summary: Elasticsearch relocating shards too long (instance {{ $labels.instance }})

description: "Elasticsearch has been relocating shards for 15min\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-11) 2.8.11. Elasticsearch initializing shards

Elasticsearch is initializing shards[copy]

- alert: ElasticsearchInitializingShards

expr: elasticsearch\_cluster\_health\_initializing\_shards > 0

for: 0m

labels:

severity: info

annotations:

summary: Elasticsearch initializing shards (instance {{ $labels.instance }})

description: "Elasticsearch is initializing shards\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-12) 2.8.12. Elasticsearch initializing shards too long

Elasticsearch has been initializing shards for 15 min[copy]

- alert: ElasticsearchInitializingShardsTooLong

expr: elasticsearch\_cluster\_health\_initializing\_shards > 0

for: 15m

labels:

severity: warning

annotations:

summary: Elasticsearch initializing shards too long (instance {{ $labels.instance }})

description: "Elasticsearch has been initializing shards for 15 min\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-13) 2.8.13. Elasticsearch unassigned shards

Elasticsearch has unassigned shards[copy]

- alert: ElasticsearchUnassignedShards

expr: elasticsearch\_cluster\_health\_unassigned\_shards > 0

for: 0m

labels:

severity: critical

annotations:

summary: Elasticsearch unassigned shards (instance {{ $labels.instance }})

description: "Elasticsearch has unassigned shards\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-14) 2.8.14. Elasticsearch pending tasks

Elasticsearch has pending tasks. Cluster works slowly.[copy]

- alert: ElasticsearchPendingTasks

expr: elasticsearch\_cluster\_health\_number\_of\_pending\_tasks > 0

for: 15m

labels:

severity: warning

annotations:

summary: Elasticsearch pending tasks (instance {{ $labels.instance }})

description: "Elasticsearch has pending tasks. Cluster works slowly.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-elasticsearch-1-15) 2.8.15. Elasticsearch no new documents

No new documents for 10 min![copy]

- alert: ElasticsearchNoNewDocuments

expr: increase(elasticsearch\_indices\_docs{es\_data\_node="true"}[10m]) < 1

for: 0m

labels:

severity: warning

annotations:

summary: Elasticsearch no new documents (instance {{ $labels.instance }})

description: "No new documents for 10 min!\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#cassandra-1) 2.9.1. Cassandra : [instaclustr/cassandra-exporter](https://github.com/instaclustr/cassandra-exporter)(12 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-1) 2.9.1.1. Cassandra Node is unavailable

Cassandra Node is unavailable - {{ $labels.cassandra\_cluster }} {{ $labels.exported\_endpoint }}[copy]

- alert: CassandraNodeIsUnavailable

expr: sum(cassandra\_endpoint\_active) by (cassandra\_cluster,instance,exported\_endpoint) < 1

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra Node is unavailable (instance {{ $labels.instance }})

description: "Cassandra Node is unavailable - {{ $labels.cassandra\_cluster }} {{ $labels.exported\_endpoint }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-2) 2.9.1.2. Cassandra many compaction tasks are pending

Many Cassandra compaction tasks are pending - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraManyCompactionTasksArePending

expr: cassandra\_table\_estimated\_pending\_compactions > 100

for: 0m

labels:

severity: warning

annotations:

summary: Cassandra many compaction tasks are pending (instance {{ $labels.instance }})

description: "Many Cassandra compaction tasks are pending - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-3) 2.9.1.3. Cassandra commitlog pending tasks

Cassandra commitlog pending tasks - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraCommitlogPendingTasks

expr: cassandra\_commit\_log\_pending\_tasks > 15

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra commitlog pending tasks (instance {{ $labels.instance }})

description: "Cassandra commitlog pending tasks - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-4) 2.9.1.4. Cassandra compaction executor blocked tasks

Some Cassandra compaction executor tasks are blocked - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraCompactionExecutorBlockedTasks

expr: cassandra\_thread\_pool\_blocked\_tasks{pool="CompactionExecutor"} > 15

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra compaction executor blocked tasks (instance {{ $labels.instance }})

description: "Some Cassandra compaction executor tasks are blocked - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-5) 2.9.1.5. Cassandra flush writer blocked tasks

Some Cassandra flush writer tasks are blocked - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraFlushWriterBlockedTasks

expr: cassandra\_thread\_pool\_blocked\_tasks{pool="MemtableFlushWriter"} > 15

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra flush writer blocked tasks (instance {{ $labels.instance }})

description: "Some Cassandra flush writer tasks are blocked - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-6) 2.9.1.6. Cassandra connection timeouts total

Some connection between nodes are ending in timeout - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraConnectionTimeoutsTotal

expr: avg(cassandra\_client\_request\_timeouts\_total) by (cassandra\_cluster,instance) > 5

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra connection timeouts total (instance {{ $labels.instance }})

description: "Some connection between nodes are ending in timeout - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-7) 2.9.1.7. Cassandra storage exceptions

Something is going wrong with cassandra storage - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraStorageExceptions

expr: changes(cassandra\_storage\_exceptions\_total[1m]) > 1

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra storage exceptions (instance {{ $labels.instance }})

description: "Something is going wrong with cassandra storage - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-8) 2.9.1.8. Cassandra tombstone dump

Cassandra tombstone dump - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraTombstoneDump

expr: avg(cassandra\_table\_tombstones\_scanned{quantile="0.99"}) by (instance,cassandra\_cluster,keyspace) > 100

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra tombstone dump (instance {{ $labels.instance }})

description: "Cassandra tombstone dump - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-9) 2.9.1.9. Cassandra client request unvailable write

Some Cassandra client requests are unvailable to write - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraClientRequestUnvailableWrite

expr: changes(cassandra\_client\_request\_unavailable\_exceptions\_total{operation="write"}[1m]) > 0

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra client request unvailable write (instance {{ $labels.instance }})

description: "Some Cassandra client requests are unvailable to write - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-10) 2.9.1.10. Cassandra client request unvailable read

Some Cassandra client requests are unvailable to read - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraClientRequestUnvailableRead

expr: changes(cassandra\_client\_request\_unavailable\_exceptions\_total{operation="read"}[1m]) > 0

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra client request unvailable read (instance {{ $labels.instance }})

description: "Some Cassandra client requests are unvailable to read - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-11) 2.9.1.11. Cassandra client request write failure

Read failures have occurred, ensure there are not too many unavailable nodes - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraClientRequestWriteFailure

expr: increase(cassandra\_client\_request\_failures\_total{operation="write"}[1m]) > 0

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra client request write failure (instance {{ $labels.instance }})

description: "Read failures have occurred, ensure there are not too many unavailable nodes - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-1-12) 2.9.1.12. Cassandra client request read failure

Read failures have occurred, ensure there are not too many unavailable nodes - {{ $labels.cassandra\_cluster }}[copy]

- alert: CassandraClientRequestReadFailure

expr: increase(cassandra\_client\_request\_failures\_total{operation="read"}[1m]) > 0

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra client request read failure (instance {{ $labels.instance }})

description: "Read failures have occurred, ensure there are not too many unavailable nodes - {{ $labels.cassandra\_cluster }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#cassandra-2) 2.9.2. Cassandra : [criteo/cassandra\_exporter](https://github.com/criteo/cassandra_exporter)(18 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-1) 2.9.2.1. Cassandra hints count

Cassandra hints count has changed on {{ $labels.instance }} some nodes may go down[copy]

- alert: CassandraHintsCount

expr: changes(cassandra\_stats{name="org:apache:cassandra:metrics:storage:totalhints:count"}[1m]) > 3

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra hints count (instance {{ $labels.instance }})

description: "Cassandra hints count has changed on {{ $labels.instance }} some nodes may go down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-2) 2.9.2.2. Cassandra compaction task pending

Many Cassandra compaction tasks are pending. You might need to increase I/O capacity by adding nodes to the cluster.[copy]

- alert: CassandraCompactionTaskPending

expr: avg\_over\_time(cassandra\_stats{name="org:apache:cassandra:metrics:compaction:pendingtasks:value"}[1m]) > 100

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra compaction task pending (instance {{ $labels.instance }})

description: "Many Cassandra compaction tasks are pending. You might need to increase I/O capacity by adding nodes to the cluster.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-3) 2.9.2.3. Cassandra viewwrite latency

High viewwrite latency on {{ $labels.instance }} cassandra node[copy]

- alert: CassandraViewwriteLatency

expr: cassandra\_stats{name="org:apache:cassandra:metrics:clientrequest:viewwrite:viewwritelatency:99thpercentile",service="cas"} > 100000

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra viewwrite latency (instance {{ $labels.instance }})

description: "High viewwrite latency on {{ $labels.instance }} cassandra node\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-4) 2.9.2.4. Cassandra bad hacker

Increase of Cassandra authentication failures[copy]

- alert: CassandraBadHacker

expr: rate(cassandra\_stats{name="org:apache:cassandra:metrics:client:authfailure:count"}[1m]) > 5

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra bad hacker (instance {{ $labels.instance }})

description: "Increase of Cassandra authentication failures\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-5) 2.9.2.5. Cassandra node down

Cassandra node down[copy]

- alert: CassandraNodeDown

expr: sum(cassandra\_stats{name="org:apache:cassandra:net:failuredetector:downendpointcount"}) by (service,group,cluster,env) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra node down (instance {{ $labels.instance }})

description: "Cassandra node down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-6) 2.9.2.6. Cassandra commitlog pending tasks

Unexpected number of Cassandra commitlog pending tasks[copy]

- alert: CassandraCommitlogPendingTasks

expr: cassandra\_stats{name="org:apache:cassandra:metrics:commitlog:pendingtasks:value"} > 15

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra commitlog pending tasks (instance {{ $labels.instance }})

description: "Unexpected number of Cassandra commitlog pending tasks\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-7) 2.9.2.7. Cassandra compaction executor blocked tasks

Some Cassandra compaction executor tasks are blocked[copy]

- alert: CassandraCompactionExecutorBlockedTasks

expr: cassandra\_stats{name="org:apache:cassandra:metrics:threadpools:internal:compactionexecutor:currentlyblockedtasks:count"} > 0

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra compaction executor blocked tasks (instance {{ $labels.instance }})

description: "Some Cassandra compaction executor tasks are blocked\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-8) 2.9.2.8. Cassandra flush writer blocked tasks

Some Cassandra flush writer tasks are blocked[copy]

- alert: CassandraFlushWriterBlockedTasks

expr: cassandra\_stats{name="org:apache:cassandra:metrics:threadpools:internal:memtableflushwriter:currentlyblockedtasks:count"} > 0

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra flush writer blocked tasks (instance {{ $labels.instance }})

description: "Some Cassandra flush writer tasks are blocked\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-9) 2.9.2.9. Cassandra repair pending tasks

Some Cassandra repair tasks are pending[copy]

- alert: CassandraRepairPendingTasks

expr: cassandra\_stats{name="org:apache:cassandra:metrics:threadpools:internal:antientropystage:pendingtasks:value"} > 2

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra repair pending tasks (instance {{ $labels.instance }})

description: "Some Cassandra repair tasks are pending\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-10) 2.9.2.10. Cassandra repair blocked tasks

Some Cassandra repair tasks are blocked[copy]

- alert: CassandraRepairBlockedTasks

expr: cassandra\_stats{name="org:apache:cassandra:metrics:threadpools:internal:antientropystage:currentlyblockedtasks:count"} > 0

for: 2m

labels:

severity: warning

annotations:

summary: Cassandra repair blocked tasks (instance {{ $labels.instance }})

description: "Some Cassandra repair tasks are blocked\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-11) 2.9.2.11. Cassandra connection timeouts total

Some connection between nodes are ending in timeout[copy]

- alert: CassandraConnectionTimeoutsTotal

expr: rate(cassandra\_stats{name="org:apache:cassandra:metrics:connection:totaltimeouts:count"}[1m]) > 5

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra connection timeouts total (instance {{ $labels.instance }})

description: "Some connection between nodes are ending in timeout\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-12) 2.9.2.12. Cassandra storage exceptions

Something is going wrong with cassandra storage[copy]

- alert: CassandraStorageExceptions

expr: changes(cassandra\_stats{name="org:apache:cassandra:metrics:storage:exceptions:count"}[1m]) > 1

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra storage exceptions (instance {{ $labels.instance }})

description: "Something is going wrong with cassandra storage\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-13) 2.9.2.13. Cassandra tombstone dump

Too much tombstones scanned in queries[copy]

- alert: CassandraTombstoneDump

expr: cassandra\_stats{name="org:apache:cassandra:metrics:table:tombstonescannedhistogram:99thpercentile"} > 1000

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra tombstone dump (instance {{ $labels.instance }})

description: "Too much tombstones scanned in queries\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-14) 2.9.2.14. Cassandra client request unvailable write

Write failures have occurred because too many nodes are unavailable[copy]

- alert: CassandraClientRequestUnvailableWrite

expr: changes(cassandra\_stats{name="org:apache:cassandra:metrics:clientrequest:write:unavailables:count"}[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra client request unvailable write (instance {{ $labels.instance }})

description: "Write failures have occurred because too many nodes are unavailable\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-15) 2.9.2.15. Cassandra client request unvailable read

Read failures have occurred because too many nodes are unavailable[copy]

- alert: CassandraClientRequestUnvailableRead

expr: changes(cassandra\_stats{name="org:apache:cassandra:metrics:clientrequest:read:unavailables:count"}[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra client request unvailable read (instance {{ $labels.instance }})

description: "Read failures have occurred because too many nodes are unavailable\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-16) 2.9.2.16. Cassandra client request write failure

A lot of write failures encountered. A write failure is a non-timeout exception encountered during a write request. Examine the reason map to find to the root cause. The most common cause for this type of error is when batch sizes are too large.[copy]

- alert: CassandraClientRequestWriteFailure

expr: increase(cassandra\_stats{name="org:apache:cassandra:metrics:clientrequest:write:failures:oneminuterate"}[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra client request write failure (instance {{ $labels.instance }})

description: "A lot of write failures encountered. A write failure is a non-timeout exception encountered during a write request. Examine the reason map to find to the root cause. The most common cause for this type of error is when batch sizes are too large.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-17) 2.9.2.17. Cassandra client request read failure

A lot of read failures encountered. A read failure is a non-timeout exception encountered during a read request. Examine the reason map to find to the root cause. The most common cause for this type of error is when batch sizes are too large.[copy]

- alert: CassandraClientRequestReadFailure

expr: increase(cassandra\_stats{name="org:apache:cassandra:metrics:clientrequest:read:failures:oneminuterate"}[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cassandra client request read failure (instance {{ $labels.instance }})

description: "A lot of read failures encountered. A read failure is a non-timeout exception encountered during a read request. Examine the reason map to find to the root cause. The most common cause for this type of error is when batch sizes are too large.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cassandra-2-18) 2.9.2.18. Cassandra cache hit rate key cache

Key cache hit rate is below 85%[copy]

- alert: CassandraCacheHitRateKeyCache

expr: cassandra\_stats{name="org:apache:cassandra:metrics:cache:keycache:hitrate:value"} < .85

for: 2m

labels:

severity: critical

annotations:

summary: Cassandra cache hit rate key cache (instance {{ $labels.instance }})

description: "Key cache hit rate is below 85%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#zookeeper-1) 2.10.1. Zookeeper : [cloudflare/kafka\_zookeeper\_exporter](https://github.com/cloudflare/kafka_zookeeper_exporter)
* *// @TODO: Please contribute => https://github.com/samber/awesome-prometheus-alerts 👋*

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#zookeeper-2) 2.10.2. Zookeeper : [dabealu/zookeeper-exporter](https://github.com/dabealu/zookeeper-exporter)(4 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-zookeeper-2-1) 2.10.2.1. Zookeeper Down

Zookeeper down on instance {{ $labels.instance }}[copy]

- alert: ZookeeperDown

expr: zk\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Zookeeper Down (instance {{ $labels.instance }})

description: "Zookeeper down on instance {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-zookeeper-2-2) 2.10.2.2. Zookeeper missing leader

Zookeeper cluster has no node marked as leader[copy]

- alert: ZookeeperMissingLeader

expr: sum(zk\_server\_leader) == 0

for: 0m

labels:

severity: critical

annotations:

summary: Zookeeper missing leader (instance {{ $labels.instance }})

description: "Zookeeper cluster has no node marked as leader\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-zookeeper-2-3) 2.10.2.3. Zookeeper Too Many Leaders

Zookeeper cluster has too many nodes marked as leader[copy]

- alert: ZookeeperTooManyLeaders

expr: sum(zk\_server\_leader) > 1

for: 0m

labels:

severity: critical

annotations:

summary: Zookeeper Too Many Leaders (instance {{ $labels.instance }})

description: "Zookeeper cluster has too many nodes marked as leader\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-zookeeper-2-4) 2.10.2.4. Zookeeper Not Ok

Zookeeper instance is not ok[copy]

- alert: ZookeeperNotOk

expr: zk\_ruok == 0

for: 3m

labels:

severity: warning

annotations:

summary: Zookeeper Not Ok (instance {{ $labels.instance }})

description: "Zookeeper instance is not ok\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#kafka-1) 2.11.1. Kafka : [danielqsj/kafka\_exporter](https://github.com/danielqsj/kafka_exporter)(2 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kafka-1-1) 2.11.1.1. Kafka topics replicas

Kafka topic in-sync partition[copy]

- alert: KafkaTopicsReplicas

expr: sum(kafka\_topic\_partition\_in\_sync\_replica) by (topic) < 3

for: 0m

labels:

severity: critical

annotations:

summary: Kafka topics replicas (instance {{ $labels.instance }})

description: "Kafka topic in-sync partition\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kafka-1-2) 2.11.1.2. Kafka consumers group

Kafka consumers group[copy]

- alert: KafkaConsumersGroup

expr: sum(kafka\_consumergroup\_lag) by (consumergroup) > 50

for: 1m

labels:

severity: critical

annotations:

summary: Kafka consumers group (instance {{ $labels.instance }})

description: "Kafka consumers group\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#kafka-2) 2.11.2. Kafka : [linkedin/Burrow](https://github.com/linkedin/Burrow)(2 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kafka-2-1) 2.11.2.1. Kafka topic offset decreased

Kafka topic offset has decreased[copy]

- alert: KafkaTopicOffsetDecreased

expr: delta(kafka\_burrow\_partition\_current\_offset[1m]) < 0

for: 0m

labels:

severity: warning

annotations:

summary: Kafka topic offset decreased (instance {{ $labels.instance }})

description: "Kafka topic offset has decreased\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kafka-2-2) 2.11.2.2. Kafka consumer lag

Kafka consumer has a 30 minutes and increasing lag[copy]

- alert: KafkaConsumerLag

expr: kafka\_burrow\_topic\_partition\_offset - on(partition, cluster, topic) group\_right() kafka\_burrow\_partition\_current\_offset >= (kafka\_burrow\_topic\_partition\_offset offset 15m - on(partition, cluster, topic) group\_right() kafka\_burrow\_partition\_current\_offset offset 15m) AND kafka\_burrow\_topic\_partition\_offset - on(partition, cluster, topic) group\_right() kafka\_burrow\_partition\_current\_offset > 0

for: 15m

labels:

severity: warning

annotations:

summary: Kafka consumer lag (instance {{ $labels.instance }})

description: "Kafka consumer has a 30 minutes and increasing lag\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#pulsar-1) 2.12. Pulsar : [embedded exporter](https://pulsar.apache.org/docs/reference-metrics/)(10 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-1) 2.12.1. Pulsar subscription high number of backlog entries

The number of subscription backlog entries is over 5k[copy]

- alert: PulsarSubscriptionHighNumberOfBacklogEntries

expr: sum(pulsar\_subscription\_back\_log) by (subscription) > 5000

for: 1h

labels:

severity: warning

annotations:

summary: Pulsar subscription high number of backlog entries (instance {{ $labels.instance }})

description: "The number of subscription backlog entries is over 5k\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-2) 2.12.2. Pulsar subscription very high number of backlog entries

The number of subscription backlog entries is over 100k[copy]

- alert: PulsarSubscriptionVeryHighNumberOfBacklogEntries

expr: sum(pulsar\_subscription\_back\_log) by (subscription) > 100000

for: 1h

labels:

severity: critical

annotations:

summary: Pulsar subscription very high number of backlog entries (instance {{ $labels.instance }})

description: "The number of subscription backlog entries is over 100k\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-3) 2.12.3. Pulsar topic large backlog storage size

The topic backlog storage size is over 5 GB[copy]

- alert: PulsarTopicLargeBacklogStorageSize

expr: sum(pulsar\_storage\_size > 5\*1024\*1024\*1024) by (topic)

for: 1h

labels:

severity: warning

annotations:

summary: Pulsar topic large backlog storage size (instance {{ $labels.instance }})

description: "The topic backlog storage size is over 5 GB\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-4) 2.12.4. Pulsar topic very large backlog storage size

The topic backlog storage size is over 20 GB[copy]

- alert: PulsarTopicVeryLargeBacklogStorageSize

expr: sum(pulsar\_storage\_size > 20\*1024\*1024\*1024) by (topic)

for: 1h

labels:

severity: critical

annotations:

summary: Pulsar topic very large backlog storage size (instance {{ $labels.instance }})

description: "The topic backlog storage size is over 20 GB\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-5) 2.12.5. Pulsar high write latency

Messages cannot be written in a timely fashion[copy]

- alert: PulsarHighWriteLatency

expr: sum(pulsar\_storage\_write\_latency\_overflow > 0) by (topic)

for: 1h

labels:

severity: critical

annotations:

summary: Pulsar high write latency (instance {{ $labels.instance }})

description: "Messages cannot be written in a timely fashion\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-6) 2.12.6. Pulsar large message payload

Observing large message payload (> 1MB)[copy]

- alert: PulsarLargeMessagePayload

expr: sum(pulsar\_entry\_size\_overflow > 0) by (topic)

for: 1h

labels:

severity: warning

annotations:

summary: Pulsar large message payload (instance {{ $labels.instance }})

description: "Observing large message payload (> 1MB)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-7) 2.12.7. Pulsar high ledger disk usage

Observing Ledger Disk Usage (> 75%)[copy]

- alert: PulsarHighLedgerDiskUsage

expr: sum(bookie\_ledger\_dir\_\_pulsar\_data\_bookkeeper\_ledgers\_usage) by (kubernetes\_pod\_name) > 75

for: 1h

labels:

severity: critical

annotations:

summary: Pulsar high ledger disk usage (instance {{ $labels.instance }})

description: "Observing Ledger Disk Usage (> 75%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-8) 2.12.8. Pulsar read only bookies

Observing Readonly Bookies[copy]

- alert: PulsarReadOnlyBookies

expr: count(bookie\_SERVER\_STATUS{} == 0) by (pod)

for: 5m

labels:

severity: critical

annotations:

summary: Pulsar read only bookies (instance {{ $labels.instance }})

description: "Observing Readonly Bookies\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-9) 2.12.9. Pulsar high number of function errors

Observing more than 10 Function errors per minute[copy]

- alert: PulsarHighNumberOfFunctionErrors

expr: sum((rate(pulsar\_function\_user\_exceptions\_total{}[1m]) + rate(pulsar\_function\_system\_exceptions\_total{}[1m])) > 10) by (name)

for: 1m

labels:

severity: critical

annotations:

summary: Pulsar high number of function errors (instance {{ $labels.instance }})

description: "Observing more than 10 Function errors per minute\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-pulsar-1-10) 2.12.10. Pulsar high number of sink errors

Observing more than 10 Sink errors per minute[copy]

- alert: PulsarHighNumberOfSinkErrors

expr: sum(rate(pulsar\_sink\_sink\_exceptions\_total{}[1m]) > 10) by (name)

for: 1m

labels:

severity: critical

annotations:

summary: Pulsar high number of sink errors (instance {{ $labels.instance }})

description: "Observing more than 10 Sink errors per minute\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#solr-1) 2.13. Solr : [embedded exporter](https://solr.apache.org/guide/8_11/monitoring-solr-with-prometheus-and-grafana.html)(4 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-solr-1-1) 2.13.1. Solr update errors

Solr collection {{ $labels.collection }} has failed updates for replica {{ $labels.replica }} on {{ $labels.base\_url }}.[copy]

- alert: SolrUpdateErrors

expr: increase(solr\_metrics\_core\_update\_handler\_errors\_total[1m]) > 1

for: 0m

labels:

severity: critical

annotations:

summary: Solr update errors (instance {{ $labels.instance }})

description: "Solr collection {{ $labels.collection }} has failed updates for replica {{ $labels.replica }} on {{ $labels.base\_url }}.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-solr-1-2) 2.13.2. Solr query errors

Solr has increased query errors in collection {{ $labels.collection }} for replica {{ $labels.replica }} on {{ $labels.base\_url }}.[copy]

- alert: SolrQueryErrors

expr: increase(solr\_metrics\_core\_errors\_total{category="QUERY"}[1m]) > 1

for: 5m

labels:

severity: warning

annotations:

summary: Solr query errors (instance {{ $labels.instance }})

description: "Solr has increased query errors in collection {{ $labels.collection }} for replica {{ $labels.replica }} on {{ $labels.base\_url }}.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-solr-1-3) 2.13.3. Solr replication errors

Solr collection {{ $labels.collection }} has failed updates for replica {{ $labels.replica }} on {{ $labels.base\_url }}.[copy]

- alert: SolrReplicationErrors

expr: increase(solr\_metrics\_core\_errors\_total{category="REPLICATION"}[1m]) > 1

for: 0m

labels:

severity: critical

annotations:

summary: Solr replication errors (instance {{ $labels.instance }})

description: "Solr collection {{ $labels.collection }} has failed updates for replica {{ $labels.replica }} on {{ $labels.base\_url }}.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-solr-1-4) 2.13.4. Solr low live node count

Solr collection {{ $labels.collection }} has less than two live nodes for replica {{ $labels.replica }} on {{ $labels.base\_url }}.[copy]

- alert: SolrLowLiveNodeCount

expr: solr\_collections\_live\_nodes < 2

for: 0m

labels:

severity: critical

annotations:

summary: Solr low live node count (instance {{ $labels.instance }})

description: "Solr collection {{ $labels.collection }} has less than two live nodes for replica {{ $labels.replica }} on {{ $labels.base\_url }}.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#nginx-1) 3.1. Nginx : [knyar/nginx-lua-prometheus](https://github.com/knyar/nginx-lua-prometheus)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-nginx-1-1) 3.1.1. Nginx high HTTP 4xx error rate

Too many HTTP requests with status 4xx (> 5%)[copy]

- alert: NginxHighHttp4xxErrorRate

expr: sum(rate(nginx\_http\_requests\_total{status=~"^4.."}[1m])) / sum(rate(nginx\_http\_requests\_total[1m])) \* 100 > 5

for: 1m

labels:

severity: critical

annotations:

summary: Nginx high HTTP 4xx error rate (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 4xx (> 5%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-nginx-1-2) 3.1.2. Nginx high HTTP 5xx error rate

Too many HTTP requests with status 5xx (> 5%)[copy]

- alert: NginxHighHttp5xxErrorRate

expr: sum(rate(nginx\_http\_requests\_total{status=~"^5.."}[1m])) / sum(rate(nginx\_http\_requests\_total[1m])) \* 100 > 5

for: 1m

labels:

severity: critical

annotations:

summary: Nginx high HTTP 5xx error rate (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 5xx (> 5%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-nginx-1-3) 3.1.3. Nginx latency high

Nginx p99 latency is higher than 3 seconds[copy]

- alert: NginxLatencyHigh

expr: histogram\_quantile(0.99, sum(rate(nginx\_http\_request\_duration\_seconds\_bucket[2m])) by (host, node)) > 3

for: 2m

labels:

severity: warning

annotations:

summary: Nginx latency high (instance {{ $labels.instance }})

description: "Nginx p99 latency is higher than 3 seconds\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#apache-1) 3.2. Apache : [Lusitaniae/apache\_exporter](https://github.com/Lusitaniae/apache_exporter)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-apache-1-1) 3.2.1. Apache down

Apache down[copy]

- alert: ApacheDown

expr: apache\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Apache down (instance {{ $labels.instance }})

description: "Apache down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-apache-1-2) 3.2.2. Apache workers load

Apache workers in busy state approach the max workers count 80% workers busy on {{ $labels.instance }}[copy]

- alert: ApacheWorkersLoad

expr: (sum by (instance) (apache\_workers{state="busy"}) / sum by (instance) (apache\_scoreboard) ) \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: Apache workers load (instance {{ $labels.instance }})

description: "Apache workers in busy state approach the max workers count 80% workers busy on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-apache-1-3) 3.2.3. Apache restart

Apache has just been restarted.[copy]

- alert: ApacheRestart

expr: apache\_uptime\_seconds\_total / 60 < 1

for: 0m

labels:

severity: warning

annotations:

summary: Apache restart (instance {{ $labels.instance }})

description: "Apache has just been restarted.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#haproxy-1) 3.3.1. HaProxy : [Embedded exporter (HAProxy >= v2)](https://github.com/haproxy/haproxy/tree/master/contrib/prometheus-exporter)(14 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-1) 3.3.1.1. HAProxy high HTTP 4xx error rate backend

Too many HTTP requests with status 4xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}[copy]

- alert: HaproxyHighHttp4xxErrorRateBackend

expr: ((sum by (proxy) (rate(haproxy\_server\_http\_responses\_total{code="4xx"}[1m])) / sum by (proxy) (rate(haproxy\_server\_http\_responses\_total[1m]))) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 4xx error rate backend (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 4xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-2) 3.3.1.2. HAProxy high HTTP 5xx error rate backend

Too many HTTP requests with status 5xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}[copy]

- alert: HaproxyHighHttp5xxErrorRateBackend

expr: ((sum by (proxy) (rate(haproxy\_server\_http\_responses\_total{code="5xx"}[1m])) / sum by (proxy) (rate(haproxy\_server\_http\_responses\_total[1m]))) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 5xx error rate backend (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 5xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-3) 3.3.1.3. HAProxy high HTTP 4xx error rate server

Too many HTTP requests with status 4xx (> 5%) on server {{ $labels.server }}[copy]

- alert: HaproxyHighHttp4xxErrorRateServer

expr: ((sum by (server) (rate(haproxy\_server\_http\_responses\_total{code="4xx"}[1m])) / sum by (server) (rate(haproxy\_server\_http\_responses\_total[1m]))) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 4xx error rate server (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 4xx (> 5%) on server {{ $labels.server }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-4) 3.3.1.4. HAProxy high HTTP 5xx error rate server

Too many HTTP requests with status 5xx (> 5%) on server {{ $labels.server }}[copy]

- alert: HaproxyHighHttp5xxErrorRateServer

expr: ((sum by (server) (rate(haproxy\_server\_http\_responses\_total{code="5xx"}[1m])) / sum by (server) (rate(haproxy\_server\_http\_responses\_total[1m]))) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 5xx error rate server (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 5xx (> 5%) on server {{ $labels.server }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-5) 3.3.1.5. HAProxy server response errors

Too many response errors to {{ $labels.server }} server (> 5%).[copy]

- alert: HaproxyServerResponseErrors

expr: (sum by (server) (rate(haproxy\_server\_response\_errors\_total[1m])) / sum by (server) (rate(haproxy\_server\_http\_responses\_total[1m]))) \* 100 > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy server response errors (instance {{ $labels.instance }})

description: "Too many response errors to {{ $labels.server }} server (> 5%).\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-6) 3.3.1.6. HAProxy backend connection errors

Too many connection errors to {{ $labels.fqdn }}/{{ $labels.backend }} backend (> 100 req/s). Request throughput may be too high.[copy]

- alert: HaproxyBackendConnectionErrors

expr: (sum by (proxy) (rate(haproxy\_backend\_connection\_errors\_total[1m]))) > 100

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy backend connection errors (instance {{ $labels.instance }})

description: "Too many connection errors to {{ $labels.fqdn }}/{{ $labels.backend }} backend (> 100 req/s). Request throughput may be too high.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-7) 3.3.1.7. HAProxy server connection errors

Too many connection errors to {{ $labels.server }} server (> 100 req/s). Request throughput may be too high.[copy]

- alert: HaproxyServerConnectionErrors

expr: (sum by (proxy) (rate(haproxy\_server\_connection\_errors\_total[1m]))) > 100

for: 0m

labels:

severity: critical

annotations:

summary: HAProxy server connection errors (instance {{ $labels.instance }})

description: "Too many connection errors to {{ $labels.server }} server (> 100 req/s). Request throughput may be too high.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-8) 3.3.1.8. HAProxy backend max active session > 80%

Session limit from backend {{ $labels.proxy }} to server {{ $labels.server }} reached 80% of limit - {{ $value | printf "%.2f"}}%[copy]

- alert: HaproxyBackendMaxActiveSession>80%

expr: ((haproxy\_server\_max\_sessions >0) \* 100) / (haproxy\_server\_limit\_sessions > 0) > 80

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy backend max active session > 80% (instance {{ $labels.instance }})

description: "Session limit from backend {{ $labels.proxy }} to server {{ $labels.server }} reached 80% of limit - {{ $value | printf \"%.2f\"}}%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-9) 3.3.1.9. HAProxy pending requests

Some HAProxy requests are pending on {{ $labels.proxy }} - {{ $value | printf "%.2f"}}[copy]

- alert: HaproxyPendingRequests

expr: sum by (proxy) (rate(haproxy\_backend\_current\_queue[2m])) > 0

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy pending requests (instance {{ $labels.instance }})

description: "Some HAProxy requests are pending on {{ $labels.proxy }} - {{ $value | printf \"%.2f\"}}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-10) 3.3.1.10. HAProxy HTTP slowing down

Average request time is increasing - {{ $value | printf "%.2f"}}[copy]

- alert: HaproxyHttpSlowingDown

expr: avg by (instance, proxy) (haproxy\_backend\_max\_total\_time\_seconds) > 1

for: 1m

labels:

severity: warning

annotations:

summary: HAProxy HTTP slowing down (instance {{ $labels.instance }})

description: "Average request time is increasing - {{ $value | printf \"%.2f\"}}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-11) 3.3.1.11. HAProxy retry high

High rate of retry on {{ $labels.proxy }} - {{ $value | printf "%.2f"}}[copy]

- alert: HaproxyRetryHigh

expr: sum by (proxy) (rate(haproxy\_backend\_retry\_warnings\_total[1m])) > 10

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy retry high (instance {{ $labels.instance }})

description: "High rate of retry on {{ $labels.proxy }} - {{ $value | printf \"%.2f\"}}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-12) 3.3.1.12. HAproxy has no alive backends

HAProxy has no alive active or backup backends for {{ $labels.proxy }}[copy]

- alert: HaproxyHasNoAliveBackends

expr: haproxy\_backend\_active\_servers + haproxy\_backend\_backup\_servers == 0

for: 0m

labels:

severity: critical

annotations:

summary: HAproxy has no alive backends (instance {{ $labels.instance }})

description: "HAProxy has no alive active or backup backends for {{ $labels.proxy }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-13) 3.3.1.13. HAProxy frontend security blocked requests

HAProxy is blocking requests for security reason[copy]

- alert: HaproxyFrontendSecurityBlockedRequests

expr: sum by (proxy) (rate(haproxy\_frontend\_denied\_connections\_total[2m])) > 10

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy frontend security blocked requests (instance {{ $labels.instance }})

description: "HAProxy is blocking requests for security reason\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-1-14) 3.3.1.14. HAProxy server healthcheck failure

Some server healthcheck are failing on {{ $labels.server }}[copy]

- alert: HaproxyServerHealthcheckFailure

expr: increase(haproxy\_server\_check\_failures\_total[1m]) > 0

for: 1m

labels:

severity: warning

annotations:

summary: HAProxy server healthcheck failure (instance {{ $labels.instance }})

description: "Some server healthcheck are failing on {{ $labels.server }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#haproxy-2) 3.3.2. HaProxy : [prometheus/haproxy\_exporter (HAProxy < v2)](https://github.com/prometheus/haproxy_exporter)(16 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-1) 3.3.2.1. HAProxy down

HAProxy down[copy]

- alert: HaproxyDown

expr: haproxy\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: HAProxy down (instance {{ $labels.instance }})

description: "HAProxy down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-2) 3.3.2.2. HAProxy high HTTP 4xx error rate backend

Too many HTTP requests with status 4xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}[copy]

- alert: HaproxyHighHttp4xxErrorRateBackend

expr: sum by (backend) (rate(haproxy\_server\_http\_responses\_total{code="4xx"}[1m])) / sum by (backend) (rate(haproxy\_server\_http\_responses\_total[1m]) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 4xx error rate backend (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 4xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-3) 3.3.2.3. HAProxy high HTTP 5xx error rate backend

Too many HTTP requests with status 5xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}[copy]

- alert: HaproxyHighHttp5xxErrorRateBackend

expr: sum by (backend) (rate(haproxy\_server\_http\_responses\_total{code="5xx"}[1m])) / sum by (backend) (rate(haproxy\_server\_http\_responses\_total[1m]) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 5xx error rate backend (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 5xx (> 5%) on backend {{ $labels.fqdn }}/{{ $labels.backend }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-4) 3.3.2.4. HAProxy high HTTP 4xx error rate server

Too many HTTP requests with status 4xx (> 5%) on server {{ $labels.server }}[copy]

- alert: HaproxyHighHttp4xxErrorRateServer

expr: sum by (server) (rate(haproxy\_server\_http\_responses\_total{code="4xx"}[1m])) / sum by (server) (rate(haproxy\_server\_http\_responses\_total[1m]) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 4xx error rate server (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 4xx (> 5%) on server {{ $labels.server }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-5) 3.3.2.5. HAProxy high HTTP 5xx error rate server

Too many HTTP requests with status 5xx (> 5%) on server {{ $labels.server }}[copy]

- alert: HaproxyHighHttp5xxErrorRateServer

expr: sum by (server) (rate(haproxy\_server\_http\_responses\_total{code="5xx"}[1m])) / sum by (server) (rate(haproxy\_server\_http\_responses\_total[1m]) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy high HTTP 5xx error rate server (instance {{ $labels.instance }})

description: "Too many HTTP requests with status 5xx (> 5%) on server {{ $labels.server }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-6) 3.3.2.6. HAProxy server response errors

Too many response errors to {{ $labels.server }} server (> 5%).[copy]

- alert: HaproxyServerResponseErrors

expr: sum by (server) (rate(haproxy\_server\_response\_errors\_total[1m])) / sum by (server) (rate(haproxy\_server\_http\_responses\_total[1m]) \* 100) > 5

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy server response errors (instance {{ $labels.instance }})

description: "Too many response errors to {{ $labels.server }} server (> 5%).\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-7) 3.3.2.7. HAProxy backend connection errors

Too many connection errors to {{ $labels.fqdn }}/{{ $labels.backend }} backend (> 100 req/s). Request throughput may be too high.[copy]

- alert: HaproxyBackendConnectionErrors

expr: sum by (backend) (rate(haproxy\_backend\_connection\_errors\_total[1m])) > 100

for: 1m

labels:

severity: critical

annotations:

summary: HAProxy backend connection errors (instance {{ $labels.instance }})

description: "Too many connection errors to {{ $labels.fqdn }}/{{ $labels.backend }} backend (> 100 req/s). Request throughput may be too high.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-8) 3.3.2.8. HAProxy server connection errors

Too many connection errors to {{ $labels.server }} server (> 100 req/s). Request throughput may be too high.[copy]

- alert: HaproxyServerConnectionErrors

expr: sum by (server) (rate(haproxy\_server\_connection\_errors\_total[1m])) > 100

for: 0m

labels:

severity: critical

annotations:

summary: HAProxy server connection errors (instance {{ $labels.instance }})

description: "Too many connection errors to {{ $labels.server }} server (> 100 req/s). Request throughput may be too high.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-9) 3.3.2.9. HAProxy backend max active session

HAproxy backend {{ $labels.fqdn }}/{{ $labels.backend }} is reaching session limit (> 80%).[copy]

- alert: HaproxyBackendMaxActiveSession

expr: ((sum by (backend) (avg\_over\_time(haproxy\_backend\_max\_sessions[2m])) / sum by (backend) (avg\_over\_time(haproxy\_backend\_limit\_sessions[2m]))) \* 100) > 80

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy backend max active session (instance {{ $labels.instance }})

description: "HAproxy backend {{ $labels.fqdn }}/{{ $labels.backend }} is reaching session limit (> 80%).\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-10) 3.3.2.10. HAProxy pending requests

Some HAProxy requests are pending on {{ $labels.fqdn }}/{{ $labels.backend }} backend[copy]

- alert: HaproxyPendingRequests

expr: sum by (backend) (haproxy\_backend\_current\_queue) > 0

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy pending requests (instance {{ $labels.instance }})

description: "Some HAProxy requests are pending on {{ $labels.fqdn }}/{{ $labels.backend }} backend\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-11) 3.3.2.11. HAProxy HTTP slowing down

Average request time is increasing[copy]

- alert: HaproxyHttpSlowingDown

expr: avg by (backend) (haproxy\_backend\_http\_total\_time\_average\_seconds) > 1

for: 1m

labels:

severity: warning

annotations:

summary: HAProxy HTTP slowing down (instance {{ $labels.instance }})

description: "Average request time is increasing\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-12) 3.3.2.12. HAProxy retry high

High rate of retry on {{ $labels.fqdn }}/{{ $labels.backend }} backend[copy]

- alert: HaproxyRetryHigh

expr: sum by (backend) (rate(haproxy\_backend\_retry\_warnings\_total[1m])) > 10

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy retry high (instance {{ $labels.instance }})

description: "High rate of retry on {{ $labels.fqdn }}/{{ $labels.backend }} backend\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-13) 3.3.2.13. HAProxy backend down

HAProxy backend is down[copy]

- alert: HaproxyBackendDown

expr: haproxy\_backend\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: HAProxy backend down (instance {{ $labels.instance }})

description: "HAProxy backend is down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-14) 3.3.2.14. HAProxy server down

HAProxy server is down[copy]

- alert: HaproxyServerDown

expr: haproxy\_server\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: HAProxy server down (instance {{ $labels.instance }})

description: "HAProxy server is down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-15) 3.3.2.15. HAProxy frontend security blocked requests

HAProxy is blocking requests for security reason[copy]

- alert: HaproxyFrontendSecurityBlockedRequests

expr: sum by (frontend) (rate(haproxy\_frontend\_requests\_denied\_total[2m])) > 10

for: 2m

labels:

severity: warning

annotations:

summary: HAProxy frontend security blocked requests (instance {{ $labels.instance }})

description: "HAProxy is blocking requests for security reason\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-haproxy-2-16) 3.3.2.16. HAProxy server healthcheck failure

Some server healthcheck are failing on {{ $labels.server }}[copy]

- alert: HaproxyServerHealthcheckFailure

expr: increase(haproxy\_server\_check\_failures\_total[1m]) > 0

for: 1m

labels:

severity: warning

annotations:

summary: HAProxy server healthcheck failure (instance {{ $labels.instance }})

description: "Some server healthcheck are failing on {{ $labels.server }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#traefik-1) 3.4.1. Traefik : [Embedded exporter v2](https://docs.traefik.io/observability/metrics/prometheus/)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-traefik-1-1) 3.4.1.1. Traefik service down

All Traefik services are down[copy]

- alert: TraefikServiceDown

expr: count(traefik\_service\_server\_up) by (service) == 0

for: 0m

labels:

severity: critical

annotations:

summary: Traefik service down (instance {{ $labels.instance }})

description: "All Traefik services are down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-traefik-1-2) 3.4.1.2. Traefik high HTTP 4xx error rate service

Traefik service 4xx error rate is above 5%[copy]

- alert: TraefikHighHttp4xxErrorRateService

expr: sum(rate(traefik\_service\_requests\_total{code=~"4.\*"}[3m])) by (service) / sum(rate(traefik\_service\_requests\_total[3m])) by (service) \* 100 > 5

for: 1m

labels:

severity: critical

annotations:

summary: Traefik high HTTP 4xx error rate service (instance {{ $labels.instance }})

description: "Traefik service 4xx error rate is above 5%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-traefik-1-3) 3.4.1.3. Traefik high HTTP 5xx error rate service

Traefik service 5xx error rate is above 5%[copy]

- alert: TraefikHighHttp5xxErrorRateService

expr: sum(rate(traefik\_service\_requests\_total{code=~"5.\*"}[3m])) by (service) / sum(rate(traefik\_service\_requests\_total[3m])) by (service) \* 100 > 5

for: 1m

labels:

severity: critical

annotations:

summary: Traefik high HTTP 5xx error rate service (instance {{ $labels.instance }})

description: "Traefik service 5xx error rate is above 5%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#traefik-2) 3.4.2. Traefik : [Embedded exporter v1](https://docs.traefik.io/observability/metrics/prometheus/)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-traefik-2-1) 3.4.2.1. Traefik backend down

All Traefik backends are down[copy]

- alert: TraefikBackendDown

expr: count(traefik\_backend\_server\_up) by (backend) == 0

for: 0m

labels:

severity: critical

annotations:

summary: Traefik backend down (instance {{ $labels.instance }})

description: "All Traefik backends are down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-traefik-2-2) 3.4.2.2. Traefik high HTTP 4xx error rate backend

Traefik backend 4xx error rate is above 5%[copy]

- alert: TraefikHighHttp4xxErrorRateBackend

expr: sum(rate(traefik\_backend\_requests\_total{code=~"4.\*"}[3m])) by (backend) / sum(rate(traefik\_backend\_requests\_total[3m])) by (backend) \* 100 > 5

for: 1m

labels:

severity: critical

annotations:

summary: Traefik high HTTP 4xx error rate backend (instance {{ $labels.instance }})

description: "Traefik backend 4xx error rate is above 5%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-traefik-2-3) 3.4.2.3. Traefik high HTTP 5xx error rate backend

Traefik backend 5xx error rate is above 5%[copy]

- alert: TraefikHighHttp5xxErrorRateBackend

expr: sum(rate(traefik\_backend\_requests\_total{code=~"5.\*"}[3m])) by (backend) / sum(rate(traefik\_backend\_requests\_total[3m])) by (backend) \* 100 > 5

for: 1m

labels:

severity: critical

annotations:

summary: Traefik high HTTP 5xx error rate backend (instance {{ $labels.instance }})

description: "Traefik backend 5xx error rate is above 5%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#php-fpm-1) 4.1. PHP-FPM : [bakins/php-fpm-exporter](https://github.com/bakins/php-fpm-exporter)(1 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-php-fpm-1-1) 4.1.1. PHP-FPM max-children reached

PHP-FPM reached max children - {{ $labels.instance }}[copy]

- alert: Php-fpmMax-childrenReached

expr: sum(phpfpm\_max\_children\_reached\_total) by (instance) > 0

for: 0m

labels:

severity: warning

annotations:

summary: PHP-FPM max-children reached (instance {{ $labels.instance }})

description: "PHP-FPM reached max children - {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#jvm-1) 4.2. JVM : [java-client](https://github.com/prometheus/client_java)(1 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jvm-1-1) 4.2.1. JVM memory filling up

JVM memory is filling up (> 80%)[copy]

- alert: JvmMemoryFillingUp

expr: (sum by (instance)(jvm\_memory\_used\_bytes{area="heap"}) / sum by (instance)(jvm\_memory\_max\_bytes{area="heap"})) \* 100 > 80

for: 2m

labels:

severity: warning

annotations:

summary: JVM memory filling up (instance {{ $labels.instance }})

description: "JVM memory is filling up (> 80%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#sidekiq-1) 4.3. Sidekiq : [Strech/sidekiq-prometheus-exporter](https://github.com/Strech/sidekiq-prometheus-exporter)(2 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-sidekiq-1-1) 4.3.1. Sidekiq queue size

Sidekiq queue {{ $labels.name }} is growing[copy]

- alert: SidekiqQueueSize

expr: sidekiq\_queue\_size > 100

for: 1m

labels:

severity: warning

annotations:

summary: Sidekiq queue size (instance {{ $labels.instance }})

description: "Sidekiq queue {{ $labels.name }} is growing\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-sidekiq-1-2) 4.3.2. Sidekiq scheduling latency too high

Sidekiq jobs are taking more than 1min to be picked up. Users may be seeing delays in background processing.[copy]

- alert: SidekiqSchedulingLatencyTooHigh

expr: max(sidekiq\_queue\_latency) > 60

for: 0m

labels:

severity: critical

annotations:

summary: Sidekiq scheduling latency too high (instance {{ $labels.instance }})

description: "Sidekiq jobs are taking more than 1min to be picked up. Users may be seeing delays in background processing.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#kubernetes-1) 5.1. Kubernetes : [kube-state-metrics](https://github.com/kubernetes/kube-state-metrics/tree/master/docs)(33 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-1) 5.1.1. Kubernetes Node ready

Node {{ $labels.node }} has been unready for a long time[copy]

- alert: KubernetesNodeReady

expr: kube\_node\_status\_condition{condition="Ready",status="true"} == 0

for: 10m

labels:

severity: critical

annotations:

summary: Kubernetes Node ready (instance {{ $labels.instance }})

description: "Node {{ $labels.node }} has been unready for a long time\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-2) 5.1.2. Kubernetes memory pressure

{{ $labels.node }} has MemoryPressure condition[copy]

- alert: KubernetesMemoryPressure

expr: kube\_node\_status\_condition{condition="MemoryPressure",status="true"} == 1

for: 2m

labels:

severity: critical

annotations:

summary: Kubernetes memory pressure (instance {{ $labels.instance }})

description: "{{ $labels.node }} has MemoryPressure condition\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-3) 5.1.3. Kubernetes disk pressure

{{ $labels.node }} has DiskPressure condition[copy]

- alert: KubernetesDiskPressure

expr: kube\_node\_status\_condition{condition="DiskPressure",status="true"} == 1

for: 2m

labels:

severity: critical

annotations:

summary: Kubernetes disk pressure (instance {{ $labels.instance }})

description: "{{ $labels.node }} has DiskPressure condition\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-4) 5.1.4. Kubernetes out of disk

{{ $labels.node }} has OutOfDisk condition[copy]

- alert: KubernetesOutOfDisk

expr: kube\_node\_status\_condition{condition="OutOfDisk",status="true"} == 1

for: 2m

labels:

severity: critical

annotations:

summary: Kubernetes out of disk (instance {{ $labels.instance }})

description: "{{ $labels.node }} has OutOfDisk condition\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-5) 5.1.5. Kubernetes out of capacity

{{ $labels.node }} is out of capacity[copy]

- alert: KubernetesOutOfCapacity

expr: sum by (node) ((kube\_pod\_status\_phase{phase="Running"} == 1) + on(uid) group\_left(node) (0 \* kube\_pod\_info{pod\_template\_hash=""})) / sum by (node) (kube\_node\_status\_allocatable{resource="pods"}) \* 100 > 90

for: 2m

labels:

severity: warning

annotations:

summary: Kubernetes out of capacity (instance {{ $labels.instance }})

description: "{{ $labels.node }} is out of capacity\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-6) 5.1.6. Kubernetes container oom killer

Container {{ $labels.container }} in pod {{ $labels.namespace }}/{{ $labels.pod }} has been OOMKilled {{ $value }} times in the last 10 minutes.[copy]

- alert: KubernetesContainerOomKiller

expr: (kube\_pod\_container\_status\_restarts\_total - kube\_pod\_container\_status\_restarts\_total offset 10m >= 1) and ignoring (reason) min\_over\_time(kube\_pod\_container\_status\_last\_terminated\_reason{reason="OOMKilled"}[10m]) == 1

for: 0m

labels:

severity: warning

annotations:

summary: Kubernetes container oom killer (instance {{ $labels.instance }})

description: "Container {{ $labels.container }} in pod {{ $labels.namespace }}/{{ $labels.pod }} has been OOMKilled {{ $value }} times in the last 10 minutes.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-7) 5.1.7. Kubernetes Job failed

Job {{$labels.namespace}}/{{$labels.exported\_job}} failed to complete[copy]

- alert: KubernetesJobFailed

expr: kube\_job\_status\_failed > 0

for: 0m

labels:

severity: warning

annotations:

summary: Kubernetes Job failed (instance {{ $labels.instance }})

description: "Job {{$labels.namespace}}/{{$labels.exported\_job}} failed to complete\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-8) 5.1.8. Kubernetes CronJob suspended

CronJob {{ $labels.namespace }}/{{ $labels.cronjob }} is suspended[copy]

- alert: KubernetesCronjobSuspended

expr: kube\_cronjob\_spec\_suspend != 0

for: 0m

labels:

severity: warning

annotations:

summary: Kubernetes CronJob suspended (instance {{ $labels.instance }})

description: "CronJob {{ $labels.namespace }}/{{ $labels.cronjob }} is suspended\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-9) 5.1.9. Kubernetes PersistentVolumeClaim pending

PersistentVolumeClaim {{ $labels.namespace }}/{{ $labels.persistentvolumeclaim }} is pending[copy]

- alert: KubernetesPersistentvolumeclaimPending

expr: kube\_persistentvolumeclaim\_status\_phase{phase="Pending"} == 1

for: 2m

labels:

severity: warning

annotations:

summary: Kubernetes PersistentVolumeClaim pending (instance {{ $labels.instance }})

description: "PersistentVolumeClaim {{ $labels.namespace }}/{{ $labels.persistentvolumeclaim }} is pending\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-10) 5.1.10. Kubernetes Volume out of disk space

Volume is almost full (< 10% left)[copy]

- alert: KubernetesVolumeOutOfDiskSpace

expr: kubelet\_volume\_stats\_available\_bytes / kubelet\_volume\_stats\_capacity\_bytes \* 100 < 10

for: 2m

labels:

severity: warning

annotations:

summary: Kubernetes Volume out of disk space (instance {{ $labels.instance }})

description: "Volume is almost full (< 10% left)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-11) 5.1.11. Kubernetes Volume full in four days

{{ $labels.namespace }}/{{ $labels.persistentvolumeclaim }} is expected to fill up within four days. Currently {{ $value | humanize }}% is available.[copy]

- alert: KubernetesVolumeFullInFourDays

expr: predict\_linear(kubelet\_volume\_stats\_available\_bytes[6h], 4 \* 24 \* 3600) < 0

for: 0m

labels:

severity: critical

annotations:

summary: Kubernetes Volume full in four days (instance {{ $labels.instance }})

description: "{{ $labels.namespace }}/{{ $labels.persistentvolumeclaim }} is expected to fill up within four days. Currently {{ $value | humanize }}% is available.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-12) 5.1.12. Kubernetes PersistentVolume error

Persistent volume is in bad state[copy]

- alert: KubernetesPersistentvolumeError

expr: kube\_persistentvolume\_status\_phase{phase=~"Failed|Pending", job="kube-state-metrics"} > 0

for: 0m

labels:

severity: critical

annotations:

summary: Kubernetes PersistentVolume error (instance {{ $labels.instance }})

description: "Persistent volume is in bad state\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-13) 5.1.13. Kubernetes StatefulSet down

A StatefulSet went down[copy]

- alert: KubernetesStatefulsetDown

expr: (kube\_statefulset\_status\_replicas\_ready / kube\_statefulset\_status\_replicas\_current) != 1

for: 1m

labels:

severity: critical

annotations:

summary: Kubernetes StatefulSet down (instance {{ $labels.instance }})

description: "A StatefulSet went down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-14) 5.1.14. Kubernetes HPA scaling ability

Pod is unable to scale[copy]

- alert: KubernetesHpaScalingAbility

expr: kube\_horizontalpodautoscaler\_status\_condition{status="false", condition="AbleToScale"} == 1

for: 2m

labels:

severity: warning

annotations:

summary: Kubernetes HPA scaling ability (instance {{ $labels.instance }})

description: "Pod is unable to scale\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-15) 5.1.15. Kubernetes HPA metric availability

HPA is not able to collect metrics[copy]

- alert: KubernetesHpaMetricAvailability

expr: kube\_horizontalpodautoscaler\_status\_condition{status="false", condition="ScalingActive"} == 1

for: 0m

labels:

severity: warning

annotations:

summary: Kubernetes HPA metric availability (instance {{ $labels.instance }})

description: "HPA is not able to collect metrics\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-16) 5.1.16. Kubernetes HPA scale capability

The maximum number of desired Pods has been hit[copy]

- alert: KubernetesHpaScaleCapability

expr: kube\_horizontalpodautoscaler\_status\_desired\_replicas >= kube\_horizontalpodautoscaler\_spec\_max\_replicas

for: 2m

labels:

severity: info

annotations:

summary: Kubernetes HPA scale capability (instance {{ $labels.instance }})

description: "The maximum number of desired Pods has been hit\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-17) 5.1.17. Kubernetes Pod not healthy

Pod has been in a non-ready state for longer than 15 minutes.[copy]

- alert: KubernetesPodNotHealthy

expr: min\_over\_time(sum by (namespace, pod) (kube\_pod\_status\_phase{phase=~"Pending|Unknown|Failed"})[15m:1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Kubernetes Pod not healthy (instance {{ $labels.instance }})

description: "Pod has been in a non-ready state for longer than 15 minutes.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-18) 5.1.18. Kubernetes pod crash looping

Pod {{ $labels.pod }} is crash looping[copy]

- alert: KubernetesPodCrashLooping

expr: increase(kube\_pod\_container\_status\_restarts\_total[1m]) > 3

for: 2m

labels:

severity: warning

annotations:

summary: Kubernetes pod crash looping (instance {{ $labels.instance }})

description: "Pod {{ $labels.pod }} is crash looping\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-19) 5.1.19. Kubernetes ReplicasSet mismatch

Deployment Replicas mismatch[copy]

- alert: KubernetesReplicassetMismatch

expr: kube\_replicaset\_spec\_replicas != kube\_replicaset\_status\_ready\_replicas

for: 10m

labels:

severity: warning

annotations:

summary: Kubernetes ReplicasSet mismatch (instance {{ $labels.instance }})

description: "Deployment Replicas mismatch\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-20) 5.1.20. Kubernetes Deployment replicas mismatch

Deployment Replicas mismatch[copy]

- alert: KubernetesDeploymentReplicasMismatch

expr: kube\_deployment\_spec\_replicas != kube\_deployment\_status\_replicas\_available

for: 10m

labels:

severity: warning

annotations:

summary: Kubernetes Deployment replicas mismatch (instance {{ $labels.instance }})

description: "Deployment Replicas mismatch\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-21) 5.1.21. Kubernetes StatefulSet replicas mismatch

A StatefulSet does not match the expected number of replicas.[copy]

- alert: KubernetesStatefulsetReplicasMismatch

expr: kube\_statefulset\_status\_replicas\_ready != kube\_statefulset\_status\_replicas

for: 10m

labels:

severity: warning

annotations:

summary: Kubernetes StatefulSet replicas mismatch (instance {{ $labels.instance }})

description: "A StatefulSet does not match the expected number of replicas.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-22) 5.1.22. Kubernetes Deployment generation mismatch

A Deployment has failed but has not been rolled back.[copy]

- alert: KubernetesDeploymentGenerationMismatch

expr: kube\_deployment\_status\_observed\_generation != kube\_deployment\_metadata\_generation

for: 10m

labels:

severity: critical

annotations:

summary: Kubernetes Deployment generation mismatch (instance {{ $labels.instance }})

description: "A Deployment has failed but has not been rolled back.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-23) 5.1.23. Kubernetes StatefulSet generation mismatch

A StatefulSet has failed but has not been rolled back.[copy]

- alert: KubernetesStatefulsetGenerationMismatch

expr: kube\_statefulset\_status\_observed\_generation != kube\_statefulset\_metadata\_generation

for: 10m

labels:

severity: critical

annotations:

summary: Kubernetes StatefulSet generation mismatch (instance {{ $labels.instance }})

description: "A StatefulSet has failed but has not been rolled back.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-24) 5.1.24. Kubernetes StatefulSet update not rolled out

StatefulSet update has not been rolled out.[copy]

- alert: KubernetesStatefulsetUpdateNotRolledOut

expr: max without (revision) (kube\_statefulset\_status\_current\_revision unless kube\_statefulset\_status\_update\_revision) \* (kube\_statefulset\_replicas != kube\_statefulset\_status\_replicas\_updated)

for: 10m

labels:

severity: warning

annotations:

summary: Kubernetes StatefulSet update not rolled out (instance {{ $labels.instance }})

description: "StatefulSet update has not been rolled out.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-25) 5.1.25. Kubernetes DaemonSet rollout stuck

Some Pods of DaemonSet are not scheduled or not ready[copy]

- alert: KubernetesDaemonsetRolloutStuck

expr: kube\_daemonset\_status\_number\_ready / kube\_daemonset\_status\_desired\_number\_scheduled \* 100 < 100 or kube\_daemonset\_status\_desired\_number\_scheduled - kube\_daemonset\_status\_current\_number\_scheduled > 0

for: 10m

labels:

severity: warning

annotations:

summary: Kubernetes DaemonSet rollout stuck (instance {{ $labels.instance }})

description: "Some Pods of DaemonSet are not scheduled or not ready\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-26) 5.1.26. Kubernetes DaemonSet misscheduled

Some DaemonSet Pods are running where they are not supposed to run[copy]

- alert: KubernetesDaemonsetMisscheduled

expr: kube\_daemonset\_status\_number\_misscheduled > 0

for: 1m

labels:

severity: critical

annotations:

summary: Kubernetes DaemonSet misscheduled (instance {{ $labels.instance }})

description: "Some DaemonSet Pods are running where they are not supposed to run\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-27) 5.1.27. Kubernetes CronJob too long

CronJob {{ $labels.namespace }}/{{ $labels.cronjob }} is taking more than 1h to complete.[copy]

- alert: KubernetesCronjobTooLong

expr: time() - kube\_cronjob\_next\_schedule\_time > 3600

for: 0m

labels:

severity: warning

annotations:

summary: Kubernetes CronJob too long (instance {{ $labels.instance }})

description: "CronJob {{ $labels.namespace }}/{{ $labels.cronjob }} is taking more than 1h to complete.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-28) 5.1.28. Kubernetes job slow completion

Kubernetes Job {{ $labels.namespace }}/{{ $labels.job\_name }} did not complete in time.[copy]

- alert: KubernetesJobSlowCompletion

expr: kube\_job\_spec\_completions - kube\_job\_status\_succeeded > 0

for: 12h

labels:

severity: critical

annotations:

summary: Kubernetes job slow completion (instance {{ $labels.instance }})

description: "Kubernetes Job {{ $labels.namespace }}/{{ $labels.job\_name }} did not complete in time.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-29) 5.1.29. Kubernetes API server errors

Kubernetes API server is experiencing high error rate[copy]

- alert: KubernetesApiServerErrors

expr: sum(rate(apiserver\_request\_total{job="apiserver",code=~"^(?:5..)$"}[1m])) / sum(rate(apiserver\_request\_total{job="apiserver"}[1m])) \* 100 > 3

for: 2m

labels:

severity: critical

annotations:

summary: Kubernetes API server errors (instance {{ $labels.instance }})

description: "Kubernetes API server is experiencing high error rate\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-30) 5.1.30. Kubernetes API client errors

Kubernetes API client is experiencing high error rate[copy]

- alert: KubernetesApiClientErrors

expr: (sum(rate(rest\_client\_requests\_total{code=~"(4|5).."}[1m])) by (instance, job) / sum(rate(rest\_client\_requests\_total[1m])) by (instance, job)) \* 100 > 1

for: 2m

labels:

severity: critical

annotations:

summary: Kubernetes API client errors (instance {{ $labels.instance }})

description: "Kubernetes API client is experiencing high error rate\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-31) 5.1.31. Kubernetes client certificate expires next week

A client certificate used to authenticate to the apiserver is expiring next week.[copy]

- alert: KubernetesClientCertificateExpiresNextWeek

expr: apiserver\_client\_certificate\_expiration\_seconds\_count{job="apiserver"} > 0 and histogram\_quantile(0.01, sum by (job, le) (rate(apiserver\_client\_certificate\_expiration\_seconds\_bucket{job="apiserver"}[5m]))) < 7\*24\*60\*60

for: 0m

labels:

severity: warning

annotations:

summary: Kubernetes client certificate expires next week (instance {{ $labels.instance }})

description: "A client certificate used to authenticate to the apiserver is expiring next week.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-32) 5.1.32. Kubernetes client certificate expires soon

A client certificate used to authenticate to the apiserver is expiring in less than 24.0 hours.[copy]

- alert: KubernetesClientCertificateExpiresSoon

expr: apiserver\_client\_certificate\_expiration\_seconds\_count{job="apiserver"} > 0 and histogram\_quantile(0.01, sum by (job, le) (rate(apiserver\_client\_certificate\_expiration\_seconds\_bucket{job="apiserver"}[5m]))) < 24\*60\*60

for: 0m

labels:

severity: critical

annotations:

summary: Kubernetes client certificate expires soon (instance {{ $labels.instance }})

description: "A client certificate used to authenticate to the apiserver is expiring in less than 24.0 hours.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-kubernetes-1-33) 5.1.33. Kubernetes API server latency

Kubernetes API server has a 99th percentile latency of {{ $value }} seconds for {{ $labels.verb }} {{ $labels.resource }}.[copy]

- alert: KubernetesApiServerLatency

expr: histogram\_quantile(0.99, sum(rate(apiserver\_request\_latencies\_bucket{subresource!="log",verb!~"^(?:CONNECT|WATCHLIST|WATCH|PROXY)$"} [10m])) WITHOUT (instance, resource)) / 1e+06 > 1

for: 2m

labels:

severity: warning

annotations:

summary: Kubernetes API server latency (instance {{ $labels.instance }})

description: "Kubernetes API server has a 99th percentile latency of {{ $value }} seconds for {{ $labels.verb }} {{ $labels.resource }}.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#nomad-1) 5.2. Nomad : Embedded exporter (4 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-nomad-1-1) 5.2.1. Nomad job failed

Nomad job failed[copy]

- alert: NomadJobFailed

expr: nomad\_nomad\_job\_summary\_failed > 0

for: 0m

labels:

severity: warning

annotations:

summary: Nomad job failed (instance {{ $labels.instance }})

description: "Nomad job failed\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-nomad-1-2) 5.2.2. Nomad job lost

Nomad job lost[copy]

- alert: NomadJobLost

expr: nomad\_nomad\_job\_summary\_lost > 0

for: 0m

labels:

severity: warning

annotations:

summary: Nomad job lost (instance {{ $labels.instance }})

description: "Nomad job lost\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-nomad-1-3) 5.2.3. Nomad job queued

Nomad job queued[copy]

- alert: NomadJobQueued

expr: nomad\_nomad\_job\_summary\_queued > 0

for: 2m

labels:

severity: warning

annotations:

summary: Nomad job queued (instance {{ $labels.instance }})

description: "Nomad job queued\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-nomad-1-4) 5.2.4. Nomad blocked evaluation

Nomad blocked evaluation[copy]

- alert: NomadBlockedEvaluation

expr: nomad\_nomad\_blocked\_evals\_total\_blocked > 0

for: 0m

labels:

severity: warning

annotations:

summary: Nomad blocked evaluation (instance {{ $labels.instance }})

description: "Nomad blocked evaluation\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#consul-1) 5.3. Consul : [prometheus/consul\_exporter](https://github.com/prometheus/consul_exporter)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-consul-1-1) 5.3.1. Consul service healthcheck failed

Service: `{{ $labels.service\_name }}` Healthcheck: `{{ $labels.service\_id }}`[copy]

- alert: ConsulServiceHealthcheckFailed

expr: consul\_catalog\_service\_node\_healthy == 0

for: 1m

labels:

severity: critical

annotations:

summary: Consul service healthcheck failed (instance {{ $labels.instance }})

description: "Service: `{{ $labels.service\_name }}` Healthcheck: `{{ $labels.service\_id }}`\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-consul-1-2) 5.3.2. Consul missing master node

Numbers of consul raft peers should be 3, in order to preserve quorum.[copy]

- alert: ConsulMissingMasterNode

expr: consul\_raft\_peers < 3

for: 0m

labels:

severity: critical

annotations:

summary: Consul missing master node (instance {{ $labels.instance }})

description: "Numbers of consul raft peers should be 3, in order to preserve quorum.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-consul-1-3) 5.3.3. Consul agent unhealthy

A Consul agent is down[copy]

- alert: ConsulAgentUnhealthy

expr: consul\_health\_node\_status{status="critical"} == 1

for: 0m

labels:

severity: critical

annotations:

summary: Consul agent unhealthy (instance {{ $labels.instance }})

description: "A Consul agent is down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#etcd-1) 5.4. Etcd : Embedded exporter (13 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-1) 5.4.1. Etcd insufficient Members

Etcd cluster should have an odd number of members[copy]

- alert: EtcdInsufficientMembers

expr: count(etcd\_server\_id) % 2 == 0

for: 0m

labels:

severity: critical

annotations:

summary: Etcd insufficient Members (instance {{ $labels.instance }})

description: "Etcd cluster should have an odd number of members\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-2) 5.4.2. Etcd no Leader

Etcd cluster have no leader[copy]

- alert: EtcdNoLeader

expr: etcd\_server\_has\_leader == 0

for: 0m

labels:

severity: critical

annotations:

summary: Etcd no Leader (instance {{ $labels.instance }})

description: "Etcd cluster have no leader\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-3) 5.4.3. Etcd high number of leader changes

Etcd leader changed more than 2 times during 10 minutes[copy]

- alert: EtcdHighNumberOfLeaderChanges

expr: increase(etcd\_server\_leader\_changes\_seen\_total[10m]) > 2

for: 0m

labels:

severity: warning

annotations:

summary: Etcd high number of leader changes (instance {{ $labels.instance }})

description: "Etcd leader changed more than 2 times during 10 minutes\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-4) 5.4.4. Etcd high number of failed GRPC requests

More than 1% GRPC request failure detected in Etcd[copy]

- alert: EtcdHighNumberOfFailedGrpcRequests

expr: sum(rate(grpc\_server\_handled\_total{grpc\_code!="OK"}[1m])) BY (grpc\_service, grpc\_method) / sum(rate(grpc\_server\_handled\_total[1m])) BY (grpc\_service, grpc\_method) > 0.01

for: 2m

labels:

severity: warning

annotations:

summary: Etcd high number of failed GRPC requests (instance {{ $labels.instance }})

description: "More than 1% GRPC request failure detected in Etcd\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-5) 5.4.5. Etcd high number of failed GRPC requests

More than 5% GRPC request failure detected in Etcd[copy]

- alert: EtcdHighNumberOfFailedGrpcRequests

expr: sum(rate(grpc\_server\_handled\_total{grpc\_code!="OK"}[1m])) BY (grpc\_service, grpc\_method) / sum(rate(grpc\_server\_handled\_total[1m])) BY (grpc\_service, grpc\_method) > 0.05

for: 2m

labels:

severity: critical

annotations:

summary: Etcd high number of failed GRPC requests (instance {{ $labels.instance }})

description: "More than 5% GRPC request failure detected in Etcd\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-6) 5.4.6. Etcd GRPC requests slow

GRPC requests slowing down, 99th percentile is over 0.15s[copy]

- alert: EtcdGrpcRequestsSlow

expr: histogram\_quantile(0.99, sum(rate(grpc\_server\_handling\_seconds\_bucket{grpc\_type="unary"}[1m])) by (grpc\_service, grpc\_method, le)) > 0.15

for: 2m

labels:

severity: warning

annotations:

summary: Etcd GRPC requests slow (instance {{ $labels.instance }})

description: "GRPC requests slowing down, 99th percentile is over 0.15s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-7) 5.4.7. Etcd high number of failed HTTP requests

More than 1% HTTP failure detected in Etcd[copy]

- alert: EtcdHighNumberOfFailedHttpRequests

expr: sum(rate(etcd\_http\_failed\_total[1m])) BY (method) / sum(rate(etcd\_http\_received\_total[1m])) BY (method) > 0.01

for: 2m

labels:

severity: warning

annotations:

summary: Etcd high number of failed HTTP requests (instance {{ $labels.instance }})

description: "More than 1% HTTP failure detected in Etcd\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-8) 5.4.8. Etcd high number of failed HTTP requests

More than 5% HTTP failure detected in Etcd[copy]

- alert: EtcdHighNumberOfFailedHttpRequests

expr: sum(rate(etcd\_http\_failed\_total[1m])) BY (method) / sum(rate(etcd\_http\_received\_total[1m])) BY (method) > 0.05

for: 2m

labels:

severity: critical

annotations:

summary: Etcd high number of failed HTTP requests (instance {{ $labels.instance }})

description: "More than 5% HTTP failure detected in Etcd\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-9) 5.4.9. Etcd HTTP requests slow

HTTP requests slowing down, 99th percentile is over 0.15s[copy]

- alert: EtcdHttpRequestsSlow

expr: histogram\_quantile(0.99, rate(etcd\_http\_successful\_duration\_seconds\_bucket[1m])) > 0.15

for: 2m

labels:

severity: warning

annotations:

summary: Etcd HTTP requests slow (instance {{ $labels.instance }})

description: "HTTP requests slowing down, 99th percentile is over 0.15s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-10) 5.4.10. Etcd member communication slow

Etcd member communication slowing down, 99th percentile is over 0.15s[copy]

- alert: EtcdMemberCommunicationSlow

expr: histogram\_quantile(0.99, rate(etcd\_network\_peer\_round\_trip\_time\_seconds\_bucket[1m])) > 0.15

for: 2m

labels:

severity: warning

annotations:

summary: Etcd member communication slow (instance {{ $labels.instance }})

description: "Etcd member communication slowing down, 99th percentile is over 0.15s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-11) 5.4.11. Etcd high number of failed proposals

Etcd server got more than 5 failed proposals past hour[copy]

- alert: EtcdHighNumberOfFailedProposals

expr: increase(etcd\_server\_proposals\_failed\_total[1h]) > 5

for: 2m

labels:

severity: warning

annotations:

summary: Etcd high number of failed proposals (instance {{ $labels.instance }})

description: "Etcd server got more than 5 failed proposals past hour\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-12) 5.4.12. Etcd high fsync durations

Etcd WAL fsync duration increasing, 99th percentile is over 0.5s[copy]

- alert: EtcdHighFsyncDurations

expr: histogram\_quantile(0.99, rate(etcd\_disk\_wal\_fsync\_duration\_seconds\_bucket[1m])) > 0.5

for: 2m

labels:

severity: warning

annotations:

summary: Etcd high fsync durations (instance {{ $labels.instance }})

description: "Etcd WAL fsync duration increasing, 99th percentile is over 0.5s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-etcd-1-13) 5.4.13. Etcd high commit durations

Etcd commit duration increasing, 99th percentile is over 0.25s[copy]

- alert: EtcdHighCommitDurations

expr: histogram\_quantile(0.99, rate(etcd\_disk\_backend\_commit\_duration\_seconds\_bucket[1m])) > 0.25

for: 2m

labels:

severity: warning

annotations:

summary: Etcd high commit durations (instance {{ $labels.instance }})

description: "Etcd commit duration increasing, 99th percentile is over 0.25s\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#linkerd-1) 5.5. Linkerd : [Embedded exporter](https://linkerd.io/2/tasks/exporting-metrics/)(1 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-linkerd-1-1) 5.5.1. Linkerd high error rate

Linkerd error rate for {{ $labels.deployment | $labels.statefulset | $labels.daemonset }} is over 10%[copy]

- alert: LinkerdHighErrorRate

expr: sum(rate(request\_errors\_total[1m])) by (deployment, statefulset, daemonset) / sum(rate(request\_total[1m])) by (deployment, statefulset, daemonset) \* 100 > 10

for: 1m

labels:

severity: warning

annotations:

summary: Linkerd high error rate (instance {{ $labels.instance }})

description: "Linkerd error rate for {{ $labels.deployment | $labels.statefulset | $labels.daemonset }} is over 10%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#istio-1) 5.6. Istio : [Embedded exporter](https://istio.io/latest/docs/tasks/observability/metrics/querying-metrics/)(10 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-1) 5.6.1. Istio Kubernetes gateway availability drop

Gateway pods have dropped. Inbound traffic will likely be affected.[copy]

- alert: IstioKubernetesGatewayAvailabilityDrop

expr: min(kube\_deployment\_status\_replicas\_available{deployment="istio-ingressgateway", namespace="istio-system"}) without (instance, pod) < 2

for: 1m

labels:

severity: warning

annotations:

summary: Istio Kubernetes gateway availability drop (instance {{ $labels.instance }})

description: "Gateway pods have dropped. Inbound traffic will likely be affected.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-2) 5.6.2. Istio Pilot high total request rate

Number of Istio Pilot push errors is too high (> 5%). Envoy sidecars might have outdated configuration.[copy]

- alert: IstioPilotHighTotalRequestRate

expr: sum(rate(pilot\_xds\_push\_errors[1m])) / sum(rate(pilot\_xds\_pushes[1m])) \* 100 > 5

for: 1m

labels:

severity: warning

annotations:

summary: Istio Pilot high total request rate (instance {{ $labels.instance }})

description: "Number of Istio Pilot push errors is too high (> 5%). Envoy sidecars might have outdated configuration.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-3) 5.6.3. Istio Mixer Prometheus dispatches low

Number of Mixer dispatches to Prometheus is too low. Istio metrics might not be being exported properly.[copy]

- alert: IstioMixerPrometheusDispatchesLow

expr: sum(rate(mixer\_runtime\_dispatches\_total{adapter=~"prometheus"}[1m])) < 180

for: 1m

labels:

severity: warning

annotations:

summary: Istio Mixer Prometheus dispatches low (instance {{ $labels.instance }})

description: "Number of Mixer dispatches to Prometheus is too low. Istio metrics might not be being exported properly.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-4) 5.6.4. Istio high total request rate

Global request rate in the service mesh is unusually high.[copy]

- alert: IstioHighTotalRequestRate

expr: sum(rate(istio\_requests\_total{reporter="destination"}[5m])) > 1000

for: 2m

labels:

severity: warning

annotations:

summary: Istio high total request rate (instance {{ $labels.instance }})

description: "Global request rate in the service mesh is unusually high.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-5) 5.6.5. Istio low total request rate

Global request rate in the service mesh is unusually low.[copy]

- alert: IstioLowTotalRequestRate

expr: sum(rate(istio\_requests\_total{reporter="destination"}[5m])) < 100

for: 2m

labels:

severity: warning

annotations:

summary: Istio low total request rate (instance {{ $labels.instance }})

description: "Global request rate in the service mesh is unusually low.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-6) 5.6.6. Istio high 4xx error rate

High percentage of HTTP 5xx responses in Istio (> 5%).[copy]

- alert: IstioHigh4xxErrorRate

expr: sum(rate(istio\_requests\_total{reporter="destination", response\_code=~"4.\*"}[5m])) / sum(rate(istio\_requests\_total{reporter="destination"}[5m])) \* 100 > 5

for: 1m

labels:

severity: warning

annotations:

summary: Istio high 4xx error rate (instance {{ $labels.instance }})

description: "High percentage of HTTP 5xx responses in Istio (> 5%).\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-7) 5.6.7. Istio high 5xx error rate

High percentage of HTTP 5xx responses in Istio (> 5%).[copy]

- alert: IstioHigh5xxErrorRate

expr: sum(rate(istio\_requests\_total{reporter="destination", response\_code=~"5.\*"}[5m])) / sum(rate(istio\_requests\_total{reporter="destination"}[5m])) \* 100 > 5

for: 1m

labels:

severity: warning

annotations:

summary: Istio high 5xx error rate (instance {{ $labels.instance }})

description: "High percentage of HTTP 5xx responses in Istio (> 5%).\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-8) 5.6.8. Istio high request latency

Istio average requests execution is longer than 100ms.[copy]

- alert: IstioHighRequestLatency

expr: rate(istio\_request\_duration\_milliseconds\_sum{reporter="destination"}[1m]) / rate(istio\_request\_duration\_milliseconds\_count{reporter="destination"}[1m]) > 100

for: 1m

labels:

severity: warning

annotations:

summary: Istio high request latency (instance {{ $labels.instance }})

description: "Istio average requests execution is longer than 100ms.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-9) 5.6.9. Istio latency 99 percentile

Istio 1% slowest requests are longer than 1s.[copy]

- alert: IstioLatency99Percentile

expr: histogram\_quantile(0.99, rate(istio\_request\_duration\_milliseconds\_bucket[1m])) > 1

for: 1m

labels:

severity: warning

annotations:

summary: Istio latency 99 percentile (instance {{ $labels.instance }})

description: "Istio 1% slowest requests are longer than 1s.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-istio-1-10) 5.6.10. Istio Pilot Duplicate Entry

Istio pilot duplicate entry error.[copy]

- alert: IstioPilotDuplicateEntry

expr: sum(rate(pilot\_duplicate\_envoy\_clusters{}[5m])) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Istio Pilot Duplicate Entry (instance {{ $labels.instance }})

description: "Istio pilot duplicate entry error.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#ceph-1) 6.1. Ceph : [Embedded exporter](https://docs.ceph.com/docs/luminous/mgr/prometheus/)(13 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-1) 6.1.1. Ceph State

Ceph instance unhealthy[copy]

- alert: CephState

expr: ceph\_health\_status != 0

for: 0m

labels:

severity: critical

annotations:

summary: Ceph State (instance {{ $labels.instance }})

description: "Ceph instance unhealthy\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-2) 6.1.2. Ceph monitor clock skew

Ceph monitor clock skew detected. Please check ntp and hardware clock settings[copy]

- alert: CephMonitorClockSkew

expr: abs(ceph\_monitor\_clock\_skew\_seconds) > 0.2

for: 2m

labels:

severity: warning

annotations:

summary: Ceph monitor clock skew (instance {{ $labels.instance }})

description: "Ceph monitor clock skew detected. Please check ntp and hardware clock settings\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-3) 6.1.3. Ceph monitor low space

Ceph monitor storage is low.[copy]

- alert: CephMonitorLowSpace

expr: ceph\_monitor\_avail\_percent < 10

for: 2m

labels:

severity: warning

annotations:

summary: Ceph monitor low space (instance {{ $labels.instance }})

description: "Ceph monitor storage is low.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-4) 6.1.4. Ceph OSD Down

Ceph Object Storage Daemon Down[copy]

- alert: CephOsdDown

expr: ceph\_osd\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Ceph OSD Down (instance {{ $labels.instance }})

description: "Ceph Object Storage Daemon Down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-5) 6.1.5. Ceph high OSD latency

Ceph Object Storage Daemon latency is high. Please check if it doesn't stuck in weird state.[copy]

- alert: CephHighOsdLatency

expr: ceph\_osd\_perf\_apply\_latency\_seconds > 5

for: 1m

labels:

severity: warning

annotations:

summary: Ceph high OSD latency (instance {{ $labels.instance }})

description: "Ceph Object Storage Daemon latency is high. Please check if it doesn't stuck in weird state.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-6) 6.1.6. Ceph OSD low space

Ceph Object Storage Daemon is going out of space. Please add more disks.[copy]

- alert: CephOsdLowSpace

expr: ceph\_osd\_utilization > 90

for: 2m

labels:

severity: warning

annotations:

summary: Ceph OSD low space (instance {{ $labels.instance }})

description: "Ceph Object Storage Daemon is going out of space. Please add more disks.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-7) 6.1.7. Ceph OSD reweighted

Ceph Object Storage Daemon takes too much time to resize.[copy]

- alert: CephOsdReweighted

expr: ceph\_osd\_weight < 1

for: 2m

labels:

severity: warning

annotations:

summary: Ceph OSD reweighted (instance {{ $labels.instance }})

description: "Ceph Object Storage Daemon takes too much time to resize.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-8) 6.1.8. Ceph PG down

Some Ceph placement groups are down. Please ensure that all the data are available.[copy]

- alert: CephPgDown

expr: ceph\_pg\_down > 0

for: 0m

labels:

severity: critical

annotations:

summary: Ceph PG down (instance {{ $labels.instance }})

description: "Some Ceph placement groups are down. Please ensure that all the data are available.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-9) 6.1.9. Ceph PG incomplete

Some Ceph placement groups are incomplete. Please ensure that all the data are available.[copy]

- alert: CephPgIncomplete

expr: ceph\_pg\_incomplete > 0

for: 0m

labels:

severity: critical

annotations:

summary: Ceph PG incomplete (instance {{ $labels.instance }})

description: "Some Ceph placement groups are incomplete. Please ensure that all the data are available.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-10) 6.1.10. Ceph PG inconsistent

Some Ceph placement groups are inconsistent. Data is available but inconsistent across nodes.[copy]

- alert: CephPgInconsistent

expr: ceph\_pg\_inconsistent > 0

for: 0m

labels:

severity: warning

annotations:

summary: Ceph PG inconsistent (instance {{ $labels.instance }})

description: "Some Ceph placement groups are inconsistent. Data is available but inconsistent across nodes.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-11) 6.1.11. Ceph PG activation long

Some Ceph placement groups are too long to activate.[copy]

- alert: CephPgActivationLong

expr: ceph\_pg\_activating > 0

for: 2m

labels:

severity: warning

annotations:

summary: Ceph PG activation long (instance {{ $labels.instance }})

description: "Some Ceph placement groups are too long to activate.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-12) 6.1.12. Ceph PG backfill full

Some Ceph placement groups are located on full Object Storage Daemon on cluster. Those PGs can be unavailable shortly. Please check OSDs, change weight or reconfigure CRUSH rules.[copy]

- alert: CephPgBackfillFull

expr: ceph\_pg\_backfill\_toofull > 0

for: 2m

labels:

severity: warning

annotations:

summary: Ceph PG backfill full (instance {{ $labels.instance }})

description: "Some Ceph placement groups are located on full Object Storage Daemon on cluster. Those PGs can be unavailable shortly. Please check OSDs, change weight or reconfigure CRUSH rules.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ceph-1-13) 6.1.13. Ceph PG unavailable

Some Ceph placement groups are unavailable.[copy]

- alert: CephPgUnavailable

expr: ceph\_pg\_total - ceph\_pg\_active > 0

for: 0m

labels:

severity: critical

annotations:

summary: Ceph PG unavailable (instance {{ $labels.instance }})

description: "Some Ceph placement groups are unavailable.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#speedtest-1) 6.2. SpeedTest : [Speedtest exporter](https://github.com/nlamirault/speedtest_exporter)(2 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-speedtest-1-1) 6.2.1. SpeedTest Slow Internet Download

Internet download speed is currently {{humanize $value}} Mbps.[copy]

- alert: SpeedtestSlowInternetDownload

expr: avg\_over\_time(speedtest\_download[10m]) < 100

for: 0m

labels:

severity: warning

annotations:

summary: SpeedTest Slow Internet Download (instance {{ $labels.instance }})

description: "Internet download speed is currently {{humanize $value}} Mbps.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-speedtest-1-2) 6.2.2. SpeedTest Slow Internet Upload

Internet upload speed is currently {{humanize $value}} Mbps.[copy]

- alert: SpeedtestSlowInternetUpload

expr: avg\_over\_time(speedtest\_upload[10m]) < 20

for: 0m

labels:

severity: warning

annotations:

summary: SpeedTest Slow Internet Upload (instance {{ $labels.instance }})

description: "Internet upload speed is currently {{humanize $value}} Mbps.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#zfs-1) 6.3. ZFS : [node-exporter](https://github.com/prometheus/node_exporter)
* *// @TODO: Please contribute => https://github.com/samber/awesome-prometheus-alerts 👋*

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#openebs-1) 6.4. OpenEBS : Embedded exporter (1 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-openebs-1-1) 6.4.1. OpenEBS used pool capacity

OpenEBS Pool use more than 80% of his capacity[copy]

- alert: OpenebsUsedPoolCapacity

expr: openebs\_used\_pool\_capacity\_percent > 80

for: 2m

labels:

severity: warning

annotations:

summary: OpenEBS used pool capacity (instance {{ $labels.instance }})

description: "OpenEBS Pool use more than 80% of his capacity\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#minio-1) 6.5. Minio : Embedded exporter (2 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-minio-1-1) 6.5.1. Minio disk offline

Minio disk is offline[copy]

- alert: MinioDiskOffline

expr: minio\_disks\_offline > 0

for: 0m

labels:

severity: critical

annotations:

summary: Minio disk offline (instance {{ $labels.instance }})

description: "Minio disk is offline\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-minio-1-2) 6.5.2. Minio disk space usage

Minio available free space is low (< 10%)[copy]

- alert: MinioDiskSpaceUsage

expr: disk\_storage\_available / disk\_storage\_total \* 100 < 10

for: 0m

labels:

severity: warning

annotations:

summary: Minio disk space usage (instance {{ $labels.instance }})

description: "Minio available free space is low (< 10%)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#ssl/tls-1) 6.6. SSL/TLS : [ssl\_exporter](https://github.com/ribbybibby/ssl_exporter)(4 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ssl/tls-1-1) 6.6.1. SSL certificate probe failed

Failed to fetch SSL information {{ $labels.instance }}[copy]

- alert: SslCertificateProbeFailed

expr: ssl\_probe\_success == 0

for: 0m

labels:

severity: critical

annotations:

summary: SSL certificate probe failed (instance {{ $labels.instance }})

description: "Failed to fetch SSL information {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ssl/tls-1-2) 6.6.2. SSL certificate OSCP status unknown

Failed to get the OSCP status {{ $labels.instance }}[copy]

- alert: SslCertificateOscpStatusUnknown

expr: ssl\_ocsp\_response\_status == 2

for: 0m

labels:

severity: warning

annotations:

summary: SSL certificate OSCP status unknown (instance {{ $labels.instance }})

description: "Failed to get the OSCP status {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ssl/tls-1-3) 6.6.3. SSL certificate revoked

SSL certificate revoked {{ $labels.instance }}[copy]

- alert: SslCertificateRevoked

expr: ssl\_ocsp\_response\_status == 1

for: 0m

labels:

severity: critical

annotations:

summary: SSL certificate revoked (instance {{ $labels.instance }})

description: "SSL certificate revoked {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-ssl/tls-1-4) 6.6.4. SSL certificate expiry (< 7 days)

{{ $labels.instance }} Certificate is expiring in 7 days[copy]

- alert: SslCertificateExpiry(<7Days)

expr: ssl\_verified\_cert\_not\_after{chain\_no="0"} - time() < 86400 \* 7

for: 0m

labels:

severity: warning

annotations:

summary: SSL certificate expiry (< 7 days) (instance {{ $labels.instance }})

description: "{{ $labels.instance }} Certificate is expiring in 7 days\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#juniper-1) 6.7. Juniper : [czerwonk/junos\_exporter](https://github.com/czerwonk/junos_exporter)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-juniper-1-1) 6.7.1. Juniper switch down

The switch appears to be down[copy]

- alert: JuniperSwitchDown

expr: junos\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Juniper switch down (instance {{ $labels.instance }})

description: "The switch appears to be down\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-juniper-1-2) 6.7.2. Juniper high Bandwidth Usage 1GiB

Interface is highly saturated. (> 0.90GiB/s)[copy]

- alert: JuniperHighBandwidthUsage1gib

expr: rate(junos\_interface\_transmit\_bytes[1m]) \* 8 > 1e+9 \* 0.90

for: 1m

labels:

severity: critical

annotations:

summary: Juniper high Bandwidth Usage 1GiB (instance {{ $labels.instance }})

description: "Interface is highly saturated. (> 0.90GiB/s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-juniper-1-3) 6.7.3. Juniper high Bandwidth Usage 1GiB

Interface is getting saturated. (> 0.80GiB/s)[copy]

- alert: JuniperHighBandwidthUsage1gib

expr: rate(junos\_interface\_transmit\_bytes[1m]) \* 8 > 1e+9 \* 0.80

for: 1m

labels:

severity: warning

annotations:

summary: Juniper high Bandwidth Usage 1GiB (instance {{ $labels.instance }})

description: "Interface is getting saturated. (> 0.80GiB/s)\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#coredns-1) 6.8. CoreDNS : Embedded exporter (1 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-coredns-1-1) 6.8.1. CoreDNS Panic Count

Number of CoreDNS panics encountered[copy]

- alert: CorednsPanicCount

expr: increase(coredns\_panics\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: CoreDNS Panic Count (instance {{ $labels.instance }})

description: "Number of CoreDNS panics encountered\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#freeswitch-1) 6.9. Freeswitch : [znerol/prometheus-freeswitch-exporter](https://pypi.org/project/prometheus-freeswitch-exporter)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-freeswitch-1-1) 6.9.1. Freeswitch down

Freeswitch is unresponsive[copy]

- alert: FreeswitchDown

expr: freeswitch\_up == 0

for: 0m

labels:

severity: critical

annotations:

summary: Freeswitch down (instance {{ $labels.instance }})

description: "Freeswitch is unresponsive\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-freeswitch-1-2) 6.9.2. Freeswitch Sessions Warning

High sessions usage on {{ $labels.instance }}: {{ $value | printf "%.2f"}}%[copy]

- alert: FreeswitchSessionsWarning

expr: (freeswitch\_session\_active \* 100 / freeswitch\_session\_limit) > 80

for: 10m

labels:

severity: warning

annotations:

summary: Freeswitch Sessions Warning (instance {{ $labels.instance }})

description: "High sessions usage on {{ $labels.instance }}: {{ $value | printf \"%.2f\"}}%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-freeswitch-1-3) 6.9.3. Freeswitch Sessions Critical

High sessions usage on {{ $labels.instance }}: {{ $value | printf "%.2f"}}%[copy]

- alert: FreeswitchSessionsCritical

expr: (freeswitch\_session\_active \* 100 / freeswitch\_session\_limit) > 90

for: 5m

labels:

severity: critical

annotations:

summary: Freeswitch Sessions Critical (instance {{ $labels.instance }})

description: "High sessions usage on {{ $labels.instance }}: {{ $value | printf \"%.2f\"}}%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#hashicorp-vault-1) 6.10. Hashicorp Vault : [Embedded exporter](https://github.com/hashicorp/vault/blob/master/website/content/docs/configuration/telemetry.mdx#prometheus)(3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-hashicorp-vault-1-1) 6.10.1. Vault sealed

Vault instance is sealed on {{ $labels.instance }}[copy]

- alert: VaultSealed

expr: vault\_core\_unsealed == 0

for: 0m

labels:

severity: critical

annotations:

summary: Vault sealed (instance {{ $labels.instance }})

description: "Vault instance is sealed on {{ $labels.instance }}\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-hashicorp-vault-1-2) 6.10.2. Vault too many pending tokens

Too many pending tokens {{ $labels.instance }}: {{ $value | printf "%.2f"}}%[copy]

- alert: VaultTooManyPendingTokens

expr: avg(vault\_token\_create\_count - vault\_token\_store\_count) > 0

for: 5m

labels:

severity: warning

annotations:

summary: Vault too many pending tokens (instance {{ $labels.instance }})

description: "Too many pending tokens {{ $labels.instance }}: {{ $value | printf \"%.2f\"}}%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-hashicorp-vault-1-3) 6.10.3. Vault too many infinity tokens

Too many infinity tokens {{ $labels.instance }}: {{ $value | printf "%.2f"}}%[copy]

- alert: VaultTooManyInfinityTokens

expr: vault\_token\_count\_by\_ttl{creation\_ttl="+Inf"} > 3

for: 5m

labels:

severity: warning

annotations:

summary: Vault too many infinity tokens (instance {{ $labels.instance }})

description: "Too many infinity tokens {{ $labels.instance }}: {{ $value | printf \"%.2f\"}}%\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#thanos-1) 7.1. Thanos : Embedded exporter (3 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-thanos-1-1) 7.1.1. Thanos compaction halted

Thanos compaction has failed to run and is now halted.[copy]

- alert: ThanosCompactionHalted

expr: thanos\_compact\_halted == 1

for: 0m

labels:

severity: critical

annotations:

summary: Thanos compaction halted (instance {{ $labels.instance }})

description: "Thanos compaction has failed to run and is now halted.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-thanos-1-2) 7.1.2. Thanos compact bucket operation failure

Thanos compaction has failing storage operations[copy]

- alert: ThanosCompactBucketOperationFailure

expr: rate(thanos\_objstore\_bucket\_operation\_failures\_total[1m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Thanos compact bucket operation failure (instance {{ $labels.instance }})

description: "Thanos compaction has failing storage operations\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-thanos-1-3) 7.1.3. Thanos compact not run

Thanos compaction has not run in 24 hours.[copy]

- alert: ThanosCompactNotRun

expr: (time() - thanos\_objstore\_bucket\_last\_successful\_upload\_time) > 24\*60\*60

for: 0m

labels:

severity: critical

annotations:

summary: Thanos compact not run (instance {{ $labels.instance }})

description: "Thanos compaction has not run in 24 hours.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#loki-1) 7.2. Loki : Embedded exporter (4 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-loki-1-1) 7.2.1. Loki process too many restarts

A loki process had too many restarts (target {{ $labels.instance }})[copy]

- alert: LokiProcessTooManyRestarts

expr: changes(process\_start\_time\_seconds{job=~"loki"}[15m]) > 2

for: 0m

labels:

severity: warning

annotations:

summary: Loki process too many restarts (instance {{ $labels.instance }})

description: "A loki process had too many restarts (target {{ $labels.instance }})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-loki-1-2) 7.2.2. Loki request errors

The {{ $labels.job }} and {{ $labels.route }} are experiencing errors[copy]

- alert: LokiRequestErrors

expr: 100 \* sum(rate(loki\_request\_duration\_seconds\_count{status\_code=~"5.."}[1m])) by (namespace, job, route) / sum(rate(loki\_request\_duration\_seconds\_count[1m])) by (namespace, job, route) > 10

for: 15m

labels:

severity: critical

annotations:

summary: Loki request errors (instance {{ $labels.instance }})

description: "The {{ $labels.job }} and {{ $labels.route }} are experiencing errors\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-loki-1-3) 7.2.3. Loki request panic

The {{ $labels.job }} is experiencing {{ printf "%.2f" $value }}% increase of panics[copy]

- alert: LokiRequestPanic

expr: sum(increase(loki\_panic\_total[10m])) by (namespace, job) > 0

for: 5m

labels:

severity: critical

annotations:

summary: Loki request panic (instance {{ $labels.instance }})

description: "The {{ $labels.job }} is experiencing {{ printf \"%.2f\" $value }}% increase of panics\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-loki-1-4) 7.2.4. Loki request latency

The {{ $labels.job }} {{ $labels.route }} is experiencing {{ printf "%.2f" $value }}s 99th percentile latency[copy]

- alert: LokiRequestLatency

expr: (histogram\_quantile(0.99, sum(rate(loki\_request\_duration\_seconds\_bucket{route!~"(?i).\*tail.\*"}[5m])) by (le))) > 1

for: 5m

labels:

severity: critical

annotations:

summary: Loki request latency (instance {{ $labels.instance }})

description: "The {{ $labels.job }} {{ $labels.route }} is experiencing {{ printf \"%.2f\" $value }}s 99th percentile latency\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#promtail-1) 7.3. Promtail : Embedded exporter (2 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-promtail-1-1) 7.3.1. Promtail request errors

The {{ $labels.job }} {{ $labels.route }} is experiencing {{ printf "%.2f" $value }}% errors.[copy]

- alert: PromtailRequestErrors

expr: 100 \* sum(rate(promtail\_request\_duration\_seconds\_count{status\_code=~"5..|failed"}[1m])) by (namespace, job, route, instance) / sum(rate(promtail\_request\_duration\_seconds\_count[1m])) by (namespace, job, route, instance) > 10

for: 5m

labels:

severity: critical

annotations:

summary: Promtail request errors (instance {{ $labels.instance }})

description: "The {{ $labels.job }} {{ $labels.route }} is experiencing {{ printf \"%.2f\" $value }}% errors.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-promtail-1-2) 7.3.2. Promtail request latency

The {{ $labels.job }} {{ $labels.route }} is experiencing {{ printf "%.2f" $value }}s 99th percentile latency.[copy]

- alert: PromtailRequestLatency

expr: histogram\_quantile(0.99, sum(rate(promtail\_request\_duration\_seconds\_bucket[5m])) by (le)) > 1

for: 5m

labels:

severity: critical

annotations:

summary: Promtail request latency (instance {{ $labels.instance }})

description: "The {{ $labels.job }} {{ $labels.route }} is experiencing {{ printf \"%.2f\" $value }}s 99th percentile latency.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#cortex-1) 7.4. Cortex : Embedded exporter (6 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cortex-1-1) 7.4.1. Cortex ruler configuration reload failure

Cortex ruler configuration reload failure (instance {{ $labels.instance }})[copy]

- alert: CortexRulerConfigurationReloadFailure

expr: cortex\_ruler\_config\_last\_reload\_successful != 1

for: 0m

labels:

severity: warning

annotations:

summary: Cortex ruler configuration reload failure (instance {{ $labels.instance }})

description: "Cortex ruler configuration reload failure (instance {{ $labels.instance }})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cortex-1-2) 7.4.2. Cortex not connected to Alertmanager

Cortex not connected to Alertmanager (instance {{ $labels.instance }})[copy]

- alert: CortexNotConnectedToAlertmanager

expr: cortex\_prometheus\_notifications\_alertmanagers\_discovered < 1

for: 0m

labels:

severity: critical

annotations:

summary: Cortex not connected to Alertmanager (instance {{ $labels.instance }})

description: "Cortex not connected to Alertmanager (instance {{ $labels.instance }})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cortex-1-3) 7.4.3. Cortex notification are being dropped

Cortex notification are being dropped due to errors (instance {{ $labels.instance }})[copy]

- alert: CortexNotificationAreBeingDropped

expr: rate(cortex\_prometheus\_notifications\_dropped\_total[5m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cortex notification are being dropped (instance {{ $labels.instance }})

description: "Cortex notification are being dropped due to errors (instance {{ $labels.instance }})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cortex-1-4) 7.4.4. Cortex notification error

Cortex is failing when sending alert notifications (instance {{ $labels.instance }})[copy]

- alert: CortexNotificationError

expr: rate(cortex\_prometheus\_notifications\_errors\_total[5m]) > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cortex notification error (instance {{ $labels.instance }})

description: "Cortex is failing when sending alert notifications (instance {{ $labels.instance }})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cortex-1-5) 7.4.5. Cortex ingester unhealthy

Cortex has an unhealthy ingester[copy]

- alert: CortexIngesterUnhealthy

expr: cortex\_ring\_members{state="Unhealthy", name="ingester"} > 0

for: 0m

labels:

severity: critical

annotations:

summary: Cortex ingester unhealthy (instance {{ $labels.instance }})

description: "Cortex has an unhealthy ingester\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-cortex-1-6) 7.4.6. Cortex frontend queries stuck

There are queued up queries in query-frontend.[copy]

- alert: CortexFrontendQueriesStuck

expr: sum by (job) (cortex\_query\_frontend\_queue\_length) > 0

for: 5m

labels:

severity: critical

annotations:

summary: Cortex frontend queries stuck (instance {{ $labels.instance }})

description: "There are queued up queries in query-frontend.\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* [#](https://awesome-prometheus-alerts.grep.to/rules.html#jenkins-1) 7.5. Jenkins : [Metric plugin](https://plugins.jenkins.io/prometheus/)(7 rules)[copy section]
  + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jenkins-1-1) 7.5.1. Jenkins offline

Jenkins offline: `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})[copy]

- alert: JenkinsOffline

expr: jenkins\_node\_offline\_value > 1

for: 0m

labels:

severity: critical

annotations:

summary: Jenkins offline (instance {{ $labels.instance }})

description: "Jenkins offline: `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jenkins-1-2) 7.5.2. Jenkins healthcheck

Jenkins healthcheck score: {{$value}}. Healthcheck failure for `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})[copy]

- alert: JenkinsHealthcheck

expr: jenkins\_health\_check\_score < 1

for: 0m

labels:

severity: critical

annotations:

summary: Jenkins healthcheck (instance {{ $labels.instance }})

description: "Jenkins healthcheck score: {{$value}}. Healthcheck failure for `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jenkins-1-3) 7.5.3. Jenkins outdated plugins

{{ $value }} plugins need update[copy]

- alert: JenkinsOutdatedPlugins

expr: sum(jenkins\_plugins\_withUpdate) by (instance) > 3

for: 1d

labels:

severity: warning

annotations:

summary: Jenkins outdated plugins (instance {{ $labels.instance }})

description: "{{ $value }} plugins need update\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jenkins-1-4) 7.5.4. Jenkins builds health score

Healthcheck failure for `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})[copy]

- alert: JenkinsBuildsHealthScore

expr: default\_jenkins\_builds\_health\_score < 1

for: 0m

labels:

severity: critical

annotations:

summary: Jenkins builds health score (instance {{ $labels.instance }})

description: "Healthcheck failure for `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jenkins-1-5) 7.5.5. Jenkins run failure total

Job run failures: ({{$value}}) {{$labels.jenkins\_job}}. Healthcheck failure for `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})[copy]

- alert: JenkinsRunFailureTotal

expr: delta(jenkins\_runs\_failure\_total[1h]) > 100

for: 0m

labels:

severity: warning

annotations:

summary: Jenkins run failure total (instance {{ $labels.instance }})

description: "Job run failures: ({{$value}}) {{$labels.jenkins\_job}}. Healthcheck failure for `{{$labels.instance}}` in realm {{$labels.realm}}/{{$labels.env}} ({{$labels.region}})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jenkins-1-6) 7.5.6. Jenkins build tests failing

Last build tests failed: {{$labels.jenkins\_job}}. Failed build Tests for job `{{$labels.jenkins\_job}}` on {{$labels.instance}}/{{$labels.env}} ({{$labels.region}})[copy]

- alert: JenkinsBuildTestsFailing

expr: default\_jenkins\_builds\_last\_build\_tests\_failing > 0

for: 0m

labels:

severity: warning

annotations:

summary: Jenkins build tests failing (instance {{ $labels.instance }})

description: "Last build tests failed: {{$labels.jenkins\_job}}. Failed build Tests for job `{{$labels.jenkins\_job}}` on {{$labels.instance}}/{{$labels.env}} ({{$labels.region}})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"

* + [#](https://awesome-prometheus-alerts.grep.to/rules.html#rule-jenkins-1-7) 7.5.7. Jenkins last build failed

Last build failed: {{$labels.jenkins\_job}}. Failed build for job `{{$labels.jenkins\_job}}` on {{$labels.instance}}/{{$labels.env}} ({{$labels.region}})[copy]

*# \* RUNNING -1 true - The build had no errors.*

*# \* SUCCESS 0 true - The build had no errors.*

*# \* UNSTABLE 1 true - The build had some errors but they were not fatal. For example, some tests failed.*

*# \* FAILURE 2 false - The build had a fatal error.*

*# \* NOT\_BUILT 3 false - The module was not built.*

*# \* ABORTED 4 false - The build was manually aborted.*

- alert: JenkinsLastBuildFailed

expr: default\_jenkins\_builds\_last\_build\_result\_ordinal == 2

for: 0m

labels:

severity: warning

annotations:

summary: Jenkins last build failed (instance {{ $labels.instance }})

description: "Last build failed: {{$labels.jenkins\_job}}. Failed build for job `{{$labels.jenkins\_job}}` on {{$labels.instance}}/{{$labels.env}} ({{$labels.region}})\n VALUE = {{ $value }}\n LABELS = {{ $labels }}"