Eric Swanson			

Monitor Details

Monitor

Query

- avg(last_30m):avg:system.cpu.iowait{env:*prod*} by {dbt_instance,host,env} > 25
- Critical: Avg iowait in the last 30 minutes > 25%
 - o Consider removing host from alert scope to reduce separate noise.
- No Warning threshold.

Alert Events

- #dev-infra-alerts discussion thread
- source:alert @monitor_notifications:*dev-infra-alerts* status:error @monitor_id:60714933
 - o Top Multi-Host Alert Events: past 1mo, count by dbt_instance, top 10, cutoff_min 4, rollup every 1h

1 hr Scopes of Interest

- dbt_instance:prod-us-c2
- 5/13 @ 15:00 5 alerts
- 5/13 @ 14:00 8 alerts
 - o Monitor Status: 8 separate hosts in scope
 - o Impacted alert time range: May 13, 2:53 pm May 13, 3:25 pm
 - Means that avg iowaits started as early as 30 minutes prior: 2:23pm
 - o 5/13 @ 2:53 PM: simultaneous hosts alerted. Process window will be within 30 minutes prior
 - host:i-01986e7bee90235fd,i-0466c9c2aaeeab28b,i-047d8572c4c652cf6,i-047d8572c4c652cf6,i-08e04e6e09e1d55a3,i-0ecfe517efc14a6d1,i-0bef875283ff49024
 - Top impacting processes by RSS Memory %: May 13, 12:30 pm May 13, 3:30 pm
- 5/8 @ 11:00 6 alerts
- 5/7 @ 10:00 4 alerts
- 4/22 @ 12:00 6 alerts

Processes

• Most Recent Start of Impact May 13, 2:23 pm - May 13, 2:53 pm

Process Metrics

• dbt_instance:prod-us-c2 \$host by User CPU %, Top 10

Process Details

Related Processes

RSS Memory goes bananas for this process!

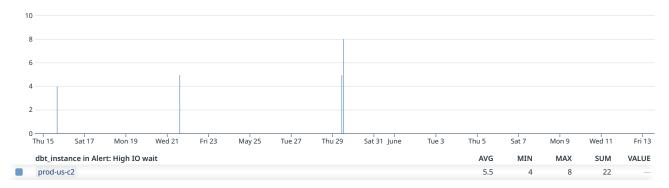
- python3 /venv/dbt-latest/bin/dbt --log-format json --debug docs generate --target default --profile user --profilesdir /tmp/jobs/70437465593551/.dbt --project-dir /tmp/jobs/70437465593551/target
- Tags: host:i-0ecfe517efc14a6d1 user:uid:999 pid:4038772 container_name:run kube_node:ip-10-128-42-243.ec2.internal kube_deployment:orc-dispatch-x3-1
- \$\text{\text{\$\text{\$\geq}\$}} \dots \dot
- \$\text{\$\ext{\$\text{\$\}\$}}}}}}}}}}}}} \endernightimes }}} \endingentinosethint{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$

matches hosts and same details: user:uid:999
Top by RSS Memory Descending: python3 /venv/dbt-latest/bin/dbt --log-format json --debug build -s source_status:fresher+,tag:hourly --exclude resource_type:test config.materialized:view --target prod --profile user --profiles-dir /tmp/jobs/70437465593513/.dbt --project-dir /tmp/jobs/70437465593513/target/bi_base
Top by % User CPU python3 /venv/dbt-latest/bin/dbt --log-format json --debug seed -s state:modified --full-refresh --target prod --profile user --profiles-dir /tmp/jobs/70437465593980/.dbt --project-dir /tmp/jobs/70437465593980/target/bi_base

Alert Events

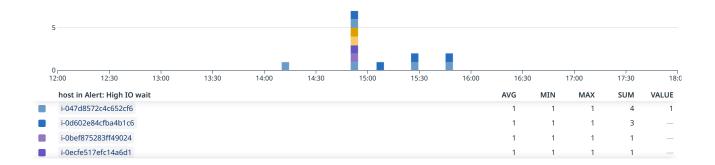
Top High IO Wait Multi-Alert Events by dbt_instance





High IO Wait Alert Events by host for prod-us-c2: 5/13/25





Memory Limits

Process Metrics

Top 10 User CPU % processes in dbt_instance:prod-us-c2 for High IO Wait alerting hosts

Invalid Timeframe

Process query must end within last 36h

Set Global Time to Past 1 Week

Top 10 User RSS Memory % processes in dbt_instance:prod-us-c2 for High IO Wait alerting hosts 3h 12:30 pm - 3:30 pm



Invalid Timeframe

Process query must end within last 36h

Edit Local Time



Logs

Non-info log patterns by Service for impacted hosts in alert time window

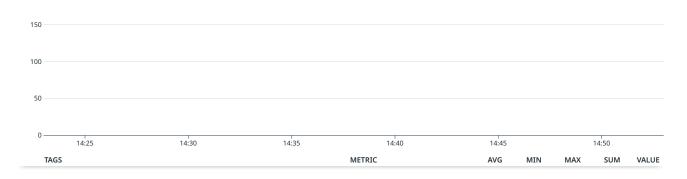
30m 2:23 pm - 2:53 pm

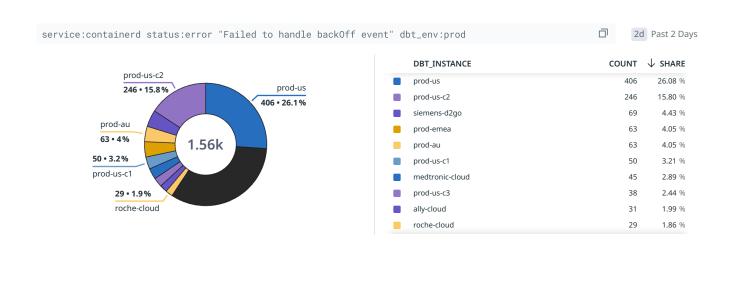
COUNT ~VOLUME SERVICE MESSAGE



No matching results found

30m 2:23 pm - 2:53 pm



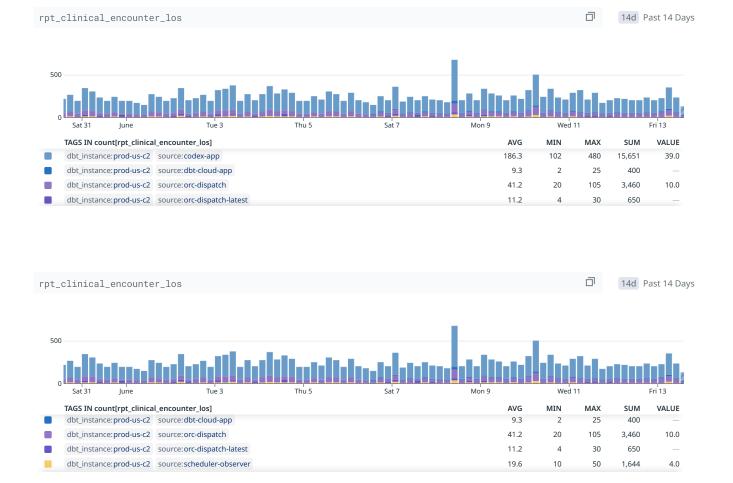


No Data

service:orc-dispatch "no agent or invalid configuration file found" dbt_env:prod

Consistent Run for prod-us-cprocess:python3 /venv/dbt-latest/bin/dbt --log-format json --debug build --select state:modified+ --target default --profile use...





Events

Error and Warning Events by Service and impacted host



