1 CheatSheet: VMware Wavefront VMware

- PDF Link: cheatsheet-wavefront-A4.pdf, Category: VMware
- Blog URL: `https://cheatsheet.dennyzhang.com/cheatsheet-wavefront-A4`
- Related posts: Prometheus CheatSheet, Nagios CheatSheet, #denny-cheatsheets

File me Issues or star this repo.

1.1 Wavefront Summary

Name	Summary
Wavefront	SaaS monitoring. YouTube: Pivotal Container Service (PKS) and VMware Wavefront
wavefront trial portal	`https://try.wavefront.com/dashboard/tutorial-intro`
Wavefront PKS dashboard	`https://try.wavefront.com/dashboard/integration-pks`
Wavefront kubernetes collector	`https://github.com/wavefrontHQ/wavefront-kubernetes-collector`
Default Limits	? alerts for each tenant; 10K point-per-seconds for each tenant
Whether need an agent	Link: Comparing Proxy and Direct Ingestion
Reference	`https://try.wavefront.com/api-docs/ui/`

1.2 Wavefront Web UI

Name	Summary
Explore wavefront metrics	`Browse -> Metrics`
Explore wavefront sources	`https://try.wavefront.com/source/<source-id>`
Sample Link	Wavefront sample link

1.3 Wavefront container monitoring

Name	Summary
Query cluster metrics	ts(pks.heapster.ns.cpu.request, cluster="wf-deployment-0-10-0-dev-23")
Query namespace metrics	ts(pks.heapster.ns.cpu.request, cluster="wf-deployment-0-10-0-dev-23" and namespace$_{name}$="kube-sy
Query node metrics	ts(pks.heapster.node.cpu.usage, cluster="wf-deployment-0-10-0-dev-23")
Query pod metrics	ts(pks.heapster.pod.cpu.usage, cluster="wf-deployment-0-10-0-dev-23")
Check pod cpu usage	count(lag(30s,ts("kubernetes.pod$_{container.cpu.usage}$", cluster="$a_cluster$"$and namespace_name = "${b$_{nam}$
Count running pods	sum(ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-23"
List running pods	ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-23")
List running containers	ts(pks.kube.pod.container.status.running.gaug, cluster="service-instance$_{e732626aXXX}$")
Sum	sum(ts(pks.kube.node.status.condition.gauge, condition=Ready and status=true and cluster="wavef

1.4 More Resources