1   CheatSheet: VMware Wavefront   VMware

- PDF Link: cheatsheet-wavefront-A4.pdf, Category: kubernetes

- Blog URL: `https://cheatsheet.dennyzhang.com/cheatsheet-wavefront-A4`

- Related posts: Prometheus CheatSheet, Nagios CheatSheet, #denny-cheatsheets

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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`
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>`

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 status	sum(ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-23"

1.4   Wavefront ts query

Name	Summary
query by fields	ts(pks.heapster.pod.cpu.usage, cluster="service-instance$_{e732626aXXX}$" and pod_{name}="busybox-io-mpxrg")
sum	sum(ts(pks.kube.node.status.condition.gauge, condition=Ready and status=true and cluster="wavefront$_{deploym}$

1.5   More Resources

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