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	GitHub: wavefrontHQ/wavefront-kubernetes-collector, docker hub image
Override properties in wavefront.conf	$\text{WAVEFRONT}_{\text{PROXYARGS}}$ environment variable
Whether need an agent	Link: Comparing Proxy and Direct Ingestion
Integrations	VMware PKS Integration, Kubernetes Integration, wavefront-kubernetes/wavefront-proxy
Default Limits	? alerts for each tenant; 10K point-per-seconds for each tenant
Add app metrics to wavefront proxy	Link: Getting Data into Wavefront
Wavefront alert	Link: Wavefront Alert Target ID
Wavefront monitor vsphere	Link: VMware vSphere Integration, Link: Monitor vSphere with Wavefront
Wavefront monitor linux VM	Link: Linux Host Integration
Reference	CheatSheet: VMware Wavefront, CheatSheet: VMware VROPS, CheatSheet: vRealize L
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>`
Wavefront query api	Link: try.wavefront.com/api-docs
Sample Link	Wavefront sample link

1.3 Wavefront API

Name	Summary
List all wavefront alerts	

1.4 Wavefront Chart

Name	Summary
Change chart name	Chart -> General -> Name
Change chart type	Chart -> Choose: Line Plot, Single Stat View, etc

1.5 Wavefront container monitoring

Name	Summary
Query cluster metrics	ts(pks.heapster.ns.cpu.request, cluster="wf-deployment-0-10-0-dev-23")
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")
Query namespace metrics	ts(pks.heapster.ns.cpu.request, cluster="wf-deployment-0-10-0-dev-23" and $\text{namespace}_{\text{name}}$="kub
Count running pods	sum(ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-
kube-state-metrics node	ts(pks.kube.node.status.condition.gauge, condition=Ready and status=true and cluster="wf-depl
kube-state-metrics: list pods	ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-23")
kube-state-metrics	ts(pks.kube.pod.container.status.running.gauge, cluster="wf-deployment-0-10-0-dev-23")

1.6 More Resources