

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](#)

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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
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	<a href="https://try.wavefront.com/source/<source-id>">https://try.wavefront.com/source/<source-id>
Sample Link	Wavefront sample link

1.3 Wavefront container monitoring

Name	Summary
Query cluster metrics	<code>ts(pks.heapster.ns.cpu.request, cluster="wf-deployment-0-10-0-dev-23")</code>
Query node metrics	<code>ts(pks.heapster.node.cpu.usage, cluster="wf-deployment-0-10-0-dev-23")</code>
Query pod metrics	<code>ts(pks.heapster.pod.cpu.usage, cluster="wf-deployment-0-10-0-dev-23")</code>
Query namespace metrics	<code>ts(pks.heapster.ns.cpu.request, cluster="wf-deployment-0-10-0-dev-23" and namespace_name="kube-s")</code>
Check pod cpu usage	<code>count(lag(30s,ts("kubernetes.pod_container.cpu.usage", cluster="a_cluster" and namespace_name="{b_nam</code>
Count running pods	<code>sum(ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-23")</code>
List running pods	<code>ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-23")</code>
List running containers	<code>ts(pks.kube.pod.container.status.running.gaug, cluster="service-instance-e732626aXXX")</code>
Sum	<code>sum(ts(pks.kube.node.status.condition.gauge, condition=Ready and status=true and cluster="wf-de</code>

1.4 More Resources

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