

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

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 |
| 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> |

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 namespace metrics | <code>ts(pks.heapster.ns.cpu.request, cluster="wf-deployment-0-10-0-dev-23" and namespace_name="kube-system")</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> |
| Check pod status | <code>sum(ts(pks.kube.pod.status.ready.gauge, condition=true and cluster="wf-deployment-0-10-0-dev-23"))</code> |

1.4 Wavefront ts query

| Name | Summary |
|-----------------|--|
| query by fields | <code>ts(pks.heapster.pod.cpu.usage, cluster="service-instance_e732626aXXX" and pod_name="busybox-io-mpxrg")</code> |
| sum | <code>sum(ts(pks.kube.node.status.condition.gauge, condition=Ready and status=true and cluster="wavefront_deployment-0-10-0-dev-23"))</code> |

1.5 More Resources

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