

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 | WAVEFRONT_PROXY_ARGS environment variable |
| Whether need an agent | Link: Comparing Proxy and Direct Ingestion |
| Integrations | VMware PKS Integration, Kubernetes Integration, wavefront-kubernetes/wavefront-pro |
| Default Limits | ? alerts for each tenant; 10K point-per-seconds for each tenant |
| Wavefront kubernetes collector metrics | Github: wavefront-kubernetes-collector/docs/metrics.md |
| 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 |
| 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> |
| 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 namespace_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

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