

# CNCF Landscape for Observability and Monitoring

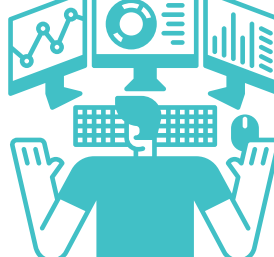
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Observability describes how well a system can be comprehended by looking at its outputs. Computer systems can be observed in terms of CPU time, memory, disc space, latency, faults, and so on.

To avoid service interruptions, you'll need to monitor and evaluate every part of your application to ensure that any anomalies are recognised and corrected as soon as possible.

Logging, monitoring, tracing, and chaos engineering are all tools in observability.

## LOGGING



<p>Alibaba Cloud Log Service Alibaba Cloud MCap: \$583.33B</p>	<p>elastic Elastic ★ 55,237 MCap: \$12.12B</p>	<p>fluentd Fluentd Cloud Native Computing Foundation (CNCF) ★ 10,300 Funding: \$3M</p>	<p>Grafana Loki Grafana Labs ★ 13,079 Funding: \$75.23M</p>	<p>graylog Graylog ★ 5,756 Funding: \$9.4M</p>
<p>humio Humio Funding: \$31.83M</p>	<p>logdna LogDNA LogDNA Funding: \$65.42M</p>	<p>LOGGLY Loggly Loggly Funding: \$47.4M</p>	<p>LOGIQ Logiq Funding: \$1.8M</p>	<p>logstash Elastic ★ 12,195 MCap: \$12.12B</p>
<p>Pandora Pandora2.0 Qiniu Funding: \$396.89M</p>	<p>日志易 rizhiyi.com Rizhiyi Rizhiyi Funding: \$11.36M</p>	<p>SCALYR Scalyr Scalyr Funding: \$27.6M</p>	<p>sematext Sematext Sematext Funding: \$10.034 MCap: \$12.12B</p>	<p>splunk Splunk Splunk MCap: \$19.19B</p>
<p>sumo logic Sumo Logic MCap: \$2.21B</p>	<p>Tencent Cloud Log Service Tencent MCap: \$744.28B</p>	<p>TRINK Trinkio Trinkio</p>		

## MONITORING

<p>Amazon CloudWatch Amazon Web Services MCap: \$1.65T</p>	<p>APPDYNAMICS AppDynamics Funding: \$364.5M</p>	<p>Application High Availability Service Alibaba Cloud MCap: \$583.33B</p>	<p>ManageEngine Applications Manager ManageEngine</p>	<p>AppNeta AppNeta Funding: \$63.18M</p>
<p>appoptics AppOptics SolarWinds MCap: \$5.32B</p>	<p>Aternity Aternity Riverbed Technology Funding: \$28.4M</p>	<p>Azure Monitor Microsoft MCap: \$1.9T</p>	<p>beats Elastic ★ 10,034 MCap: \$12.12B</p>	<p>bluematador Blue Matador Blue Matador Funding: \$3.15M</p>
<p>catchpoint Catchpoint Catchpoint Funding: \$49.77M</p>	<p>centreon Centreon Centreon ★ 478</p>	<p>checkmk Irbex29 ★ 482</p>	<p>chronosphere Chronosphere Funding: \$54.4M</p>	<p>CloudHealth CloudHealth Technologies Funding: \$85.7M</p>
<p>cortex Cortex Cloud Native Computing Foundation (CNCF) ★ 4,034 Funding: \$3M</p>	<p>DATADOG Datadog Datadog MCap: \$28.52B</p>	<p>dynatrace Dynatrace Dynatrace MCap: \$15.31B</p>	<p>epsagon Epsagon Funding: \$30M</p>	<p>falcon Falcon Xiaomi ★ 6,540 MCap: \$90.46B</p>
<p>FLOWMILL Flowmill Flowmill</p>	<p>Google Stackdriver Google MCap: \$1.64T</p>	<p>Gradle Gradle Enterprise Gradle Inc. Funding: \$27.7M</p>	<p>Grafana Grafana Labs ★ 42,500 Funding: \$75.23M</p>	<p>graphite Graphite Graphite ★ 5,252</p>
<p>Honeybadger Honeybadger</p>	<p>ICINGA Icinga Icinga ★ 1,591</p>	<p>influxdata InfluxData InfluxData ★ 21,567 Funding: \$119.89M</p>	<p>INSTANA Instana Instana Funding: \$57M</p>	<p>IRONdb Circonus Funding: \$6.8M</p>
<p>kiali Kiali Red Hat ★ 2,474 MCap: \$13.2B</p>	<p>kuberhealthy Kuberhealthy Cloud Native Computing Foundation (CNCF) ★ 1,068 Funding: \$3M</p>	<p>LeanIX LeanIX Cloud Native Suite LeanIX Funding: \$119.89M</p>	<p>LogicMonitor LogicMonitor Funding: \$142.95M</p>	<p>logz.io Logz.io Funding: \$121.9M</p>
<p>M3 Uber ★ 3,604 MCap: \$93.36B</p>	<p>mackerel Mackerel Hatena</p>	<p>Nagios Nagios Nagios ★ 975</p>	<p>NETDATA Netdata Netdata ★ 54,825 Funding: \$34.7M</p>	<p>New Relic New Relic MCap: \$4.25B</p>
<p>NexClipper NexCloud ★ 543</p>	<p>Nightingale Ddr Labs ★ 3,363</p>	<p>NODESOURCE NodeSource NodeSource Funding: \$33.4M</p>	<p>OPENMETRICS OpenMetrics Cloud Native Computing Foundation (CNCF) ★ 1,426 Funding: \$3M</p>	<p>OPENTSDB OpenTSDB ★ 4,431</p>
<p>opstrace Opstrace ★ 894</p>	<p>OverOps OverOps Funding: \$49.5M</p>	<p>Prometheus Prometheus Cloud Native Computing Foundation (CNCF) ★ 37,060 Funding: \$3M</p>	<p>replex Replex Replex Funding: \$4.15M</p>	<p>ROOKOUT Rookout Rookout Funding: \$12.2M</p>
<p>Sensu Sensu ★ 651 Funding: \$12.5M</p>	<p>SENTRY Sentry Sentry ★ 28,257 Funding: \$127M</p>	<p>SignalFx SignalFX Splunk MCap: \$19.19B</p>	<p>SOSIVIO Sosisvio Funding: \$4M</p>	<p>StackState StackState Funding: \$5M</p>
<p>StormForge StormForge Funding: \$68M</p>	<p>sysdig Sysdig ★ 6,528 Funding: \$379.5M</p>	<p>Thanos Thanos Cloud Native Computing Foundation (CNCF) ★ 8,564 Funding: \$3M</p>	<p>听云 TINGYUN Tingyun Funding: \$58.58M</p>	<p>trickster Trickster Cloud Native Computing Foundation (CNCF) ★ 1,412 Funding: \$3M</p>
<p>turbonomic Turbonomic Funding: \$149.5M</p>	<p>VECTOR By Timber.io ★ 7,306 Funding: \$5.78M</p>	<p>VICTORIA METRICS VictoriaMetrics VictoriaMetrics ★ 4,369</p>	<p>WAVEFRONT by VMware Wavefront VMware MCap: \$67.93B</p>	<p>weave cloud Weave Cloud Weaveworks Funding: \$56.65M</p>
<p>weave scope Weave Scope Weaveworks ★ 4,992 Funding: \$56.65M</p>	<p>WhaTap WhaTap Labs Funding: \$3.2M</p>	<p>ZABBIX Zabbix Zabbix ★ 1,575</p>		

## TRACING

<p>elastic apm Elastic APM Elastic ★ 901 MCap: \$12.12B</p>	<p>honeycomb.io Honeycomb Honeycomb Funding: \$46.9M</p>	<p>JAEGER Jaeger Cloud Native Computing Foundation (CNCF) ★ 13,610 Funding: \$3M</p>	<p>Lightstep LightStep Funding: \$70M</p>	<p>OpenTelemetry OpenTelemetry Cloud Native Computing Foundation (CNCF) ★ 1,726 Funding: \$3M</p>
<p>OPENTRACING OpenTracing Cloud Native Computing Foundation (CNCF) ★ 2,989 Funding: \$3M</p>	<p>PINPOINT Pinpoint Pinpoint ★ 11,433</p>	<p>Skywalking SkyWalking The Apache Software Foundation ★ 17,002</p>	<p>SOFATracer Ant Group ★ 900 MCap: \$583.33B</p>	<p>Spring Cloud Sleuth VMware ★ 1,455 MCap: \$67.93B</p>
<p>ZIPKIN Zipkin ★ 14,428</p>				

## CHAOS ENGINEERING

<p>Chaos Mesh Chaos Mesh Cloud Native Computing Foundation (CNCF) ★ 3,618 Funding: \$3M</p>	<p>ChaosToolkit ChaosIQ ★ 1,260</p>	<p>ChaosBlade Alibaba Cloud ★ 3,851 MCap: \$583.33B</p>	<p>chaoskube chaoskube ★ 1,358</p>	<p>Gremlin Gremlin Funding: \$28M</p>
<p>Litmus Litmus Cloud Native Computing Foundation (CNCF) ★ 1,818 Funding: \$3M</p>	<p>PowerfulSeal Bloomberg ★ 1,623</p>	<p>steadybit steadybit</p>		