Singularity™ Cloud

Cloud Workload Security for Kubernetes

Kubernetes is the de facto standard for container orchestration. While AppSec and configuration security are important parts of a cloud security stack, they fail to protect workloads from runtime threats, or provide the forensic details which security analysts require. A Cloud Workload Protection Platform (CWPP) does what other security controls do not: detects and stops runtime threats.

Singularity Cloud Workload Security for Kubernetes, part of the Singularity Cloud family, defends containerized workloads running in Kubernetes clusters from runtime threats such as ransomware, zero-day exploits, and memory injection. A single, no-sidecar agent protects the K8s worker, all its pods, and all their containers, for maximum resource efficiency. Persistent, correlated EDR telemetry with cloud metadata delivers forensic visibility into ephemeral work-loads to streamline investigation, response, and threat hunting.

94% of organizations have experienced at least one Kubernetes security incident in the last year. SentinelOne's CWPP solution for Kubernetes can reduce that risk.
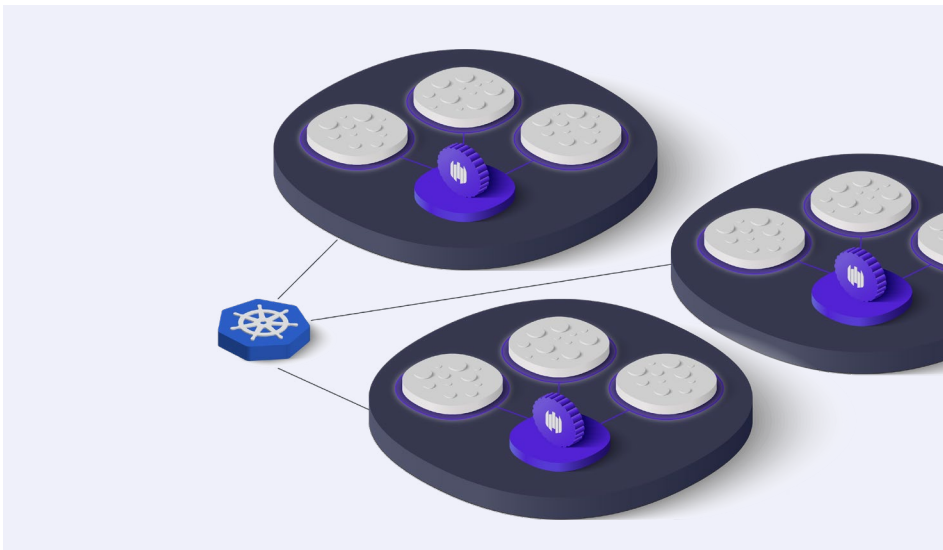
Workload Detection and Response

Real-time detection of machine speed attacks. Automated recovery, for maximum workload availability.

Hunting and Forensics

Accelerate investigations and IR, power threat hunts. Workload Flight Data Recorder™.

Stability and Performance

Accelerate innovation with runtime security that does not get in the way. No kernel dependencies. Low CPU and memory overhead.

KEY FEATURES & BENEFITS

+ User space agent for maximum stability

+ Automated deployment as DaemonSet

+ Auto-scaling protection

+ Runtime EDR

+ Supports self-managed and managed K8s services

+ Supports 13 leading Linux distributions including Amazon Linux 2022

+ Integrated metadata simplifies cloud ops

With support for 13 major Linux distributions and both managed and self-managed Kubernetes services from AWS, Azure, and Google Cloud, SentinelOne delivers leading EDR performance to a wide array of K8s deployments.

kubernetes • aws • Azure • Google Cloud • docker • Linux

aws PARTNER
- Public Sector
- Security Software Competency

The Last Line in Defense-In-Depth

Runtime threat detection and response is your backstop in a robust, multi-layered cloud security strategy, to protect against threats such as crypto mining malware loaded at runtime and zero-day threats like log4j. With Linux increasingly targeted by threat actors (eg., DarkRadiation), extensive data retention options and integrated K8s metadata from SentinelOne equips your SOC with the forensic visibility needed for threat hunts.

Agile and Secure

✓ Supported Platforms

+ AWS EKS, EKS-Anywhere
+ Azure AKS
+ Google GKE
+ OpenShift, Docker, containerd, cri-o runtimes
+ K8s v1.13 or later

✓ DevOps Friendly

+ IaC automation via HELM charts
+ Update host OS image without kernel dependency hassles
+ Security that doesn't get in the way

✓ Powerful SecOps

+ EDR visibility for ephemeral workloads
+ Custom automated response actions
+ Maximum stability, uncompromising performance

SUPPORTED LINUX DISTRIBUTIONS

+ RHEL
+ CentOS
+ Ubuntu
+ Amazon Linux
+ SUSE
+ Debian
+ Virtuozzo
+ Scientific Linux
+ Flatcar Container Linux
+ AlmaLinux
+ RockyLinux
+ Oracle
+ Fedora

Singularity Cloud

TO LEARN MORE

sentinelone.com/platform/singularity-cloud/

Innovative. Trusted. Recognized.

Gartner

A Leader in the 2022 Magic Quadrant for Endpoint Protection Platforms

MITRE ENGENUITY

Record Breaking ATT&CK Evaluation

- 100% Protection. 100% Detection
- Top Analytic Coverage, 3 Years Running
- 100% Real-time with Zero Delays

Gartner Peer Insights

96% of Gartner Peer Insights™ EDR Reviewers Recommend SentinelOne Singularity

About SentinelOne

SentinelOne (NYSE:S) is pioneering autonomous cybersecurity to prevent, detect, and respond to cyber attacks at faster speed, greater scale and higher accuracy than human-powered technology alone. The Singularity Platform offers real-time visibility and intelligent AI-powered response. Achieve more capability with less complexity.

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