centroid

Datasheet

M9SWEEPER - KUBERNETES
SECURITY AND COMPLIANCE SOFTWARE

CVE Scanning
m9sweeper automatically scrapes and scans all running container images for Common Vulnerabilities and Exposures (CVEs) in the National Vulnerability Database.

CIS Benchmarking
m9sweeper assesses whether you are following best practices defined by the Center of Internet Security (CIS) when configuring your Kubernetes environment.

Compliance Management
m9sweeper provides a library of constraint templates with a simple interface for configuring compliance rules according to your organization's requirements.

Kubernetes Secured

m9sweeper helps your Operations team secure your Kubernetes cluster in several ways. First, it scans your applications and their operating system dependencies for known vulnerabilities (CVEs). Second, it provides tools for making sure your cluster as a whole is securely configured using CIS Benchmarking. Finally, it can analyze individual pods using KubSec. And all of it is simple, fast, and easy!

Compliance & Communications Platforms

m9sweeper is more than just a scanning tool, it is a compliance platform. In a truly compliant platform, it's not enough to just scan and block insecure or poorly configured applications. You also need to provide ways for teams to request exceptions and discuss violations. m9sweeper provides an intuitive and user-friendly platform for doing this.
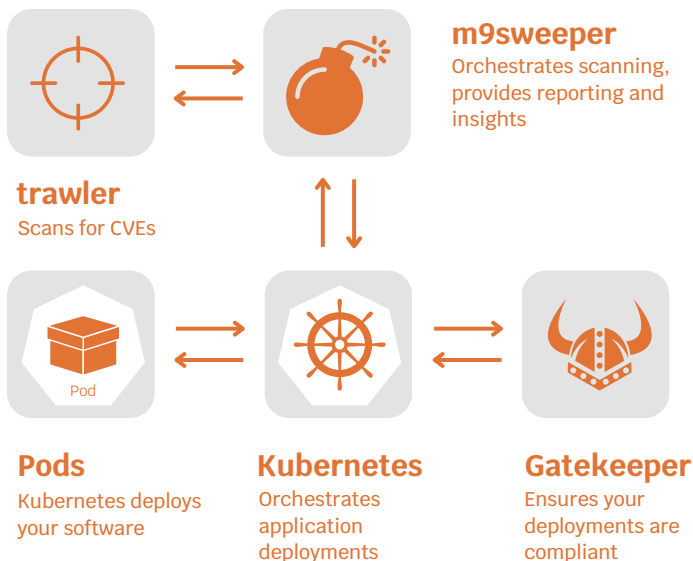
Professional Services

Our team of Certified Kubernetes Administrators (CKAs) are available to perform security audits, penetration testing, and assist with implementation using the m9sweeper platform as a starting point. We follow the standards laid down by the Cloud Native Computing Foundation (CNCFF).

Use of professional services is optional, and we encourage teams who are comfortable to set up m9sweeper on their own.

> " m9sweeper gives operations, security, and compliance teams the tools and communications platform to effectively provide oversight for Kubernetes in an enterprise environment. "
>
> Jacob Beasley
> Director of DevOps, Centroid

How Does it Work?

m9sweeper
Orchestrates scanning, provides reporting and insights

trawler
Scans for CVEs

Pod

Pods
Kubernetes deploys your software

Kubernetes
Orchestrates application deployments

Gatekeeper
Ensures your deployments are compliant

Tools and Features

CVE Scanning
- Software Libraries and Operating System packages are compared with known databases of CVEs.

Exception Management
- Configure granular exceptions for particular constraints or CVEs with time periods and discussions.

CIS Benchmarking
- Your Kubernetes cluster is benchmarked for compliance with established best practices.

Historical Reporting
- Dashboards provide a history of your security posture and how it has changed.

Gatekeeper Management
- Install and configure Gatekeeper constraints using a pre-made library and simple user interface.

KubSec Integration
- Easily provide insight to developers about how they could improve security on a per-pod basis.

How much does it cost?

Scanning and Reporting
We charge nothing for these features because we understand how critical these services are for the community.

Enforcement, Compliance Exceptions, and Support
Charged on a per-CPU basis and discounts may apply if bundled with a Kubernetes Security Audit.

ABOUT CENTROID

Headquartered in Troy, Michigan, Centroid is a provider of managed cloud services and enterprise workload consulting services across the major Hyperscalers. With expert resources throughout the United States, South America, and India for 24/7 support, the company employs roughly 450+ people. Centroid is recognized at the highest level of alliance relationship with Oracle for nearly 25+ years and is one of Oracle's leading cloud service providers in North America. In addition, Gartner has recognized Centroid in 2021, 2022, and 2023 in their Market Guide for Oracle Cloud Infrastructure Professional and Managed Services.