



# Fairwinds Insights

## Kubernetes Governance and Security Software

Kubernetes promises business transformation and agility, but with multiple clusters and people, managing an ephemeral environment can be chaotic. Platform engineers lack visibility into what's happening and often waste time manually reviewing clusters to identify problems.

It is unclear when a Kubernetes workload has been configured un-securely or is using compute resources inefficiently. This is especially problematic as engineering organizations expand Kubernetes to multiple teams and rely on Kubernetes infrastructure for mission-critical applications. Many DevOps teams are understaffed and don't have the bandwidth to manually inspect every change introduced by a variety of engineering teams.

**Fairwinds Insights simplifies Kubernetes chaos for DevOps by continuously scanning clusters to ensure applications are shipped quickly and configured for scale, reliability, resource efficiency and security.**

The Insights platform offers cost optimization advice, security alerting, configuration guardrails and compliance findings. The platform doesn't get in the way of your development life cycle; it speeds it up by offering a path for turning chaos into success.

DevOps teams can identify misconfigurations and provide remediation advice to developers, free from manually identifying problems. Software engineers are free to develop the way the platform intended with safety nets in place.



### Benefits:

- Gain visibility across clusters and teams with a centralized platform. Get prioritized findings and recommendations.
- Automate security by continuously monitoring all clusters against security misconfigurations. Pinpoint risk from CI/CD through production.
- Enforce guardrails with established policies and practices that help developers go faster.
- Optimize cost by understanding your workloads better. Get recommendations to rightsize applications.
- Configure consistently as Kubernetes is scaled to multiple teams.

## Trusted By:



## UNITE DEV, SEC AND OPS



### Developers

Build and ship faster with guardrails. Remove guesswork around resource requirements and ensure reliability.



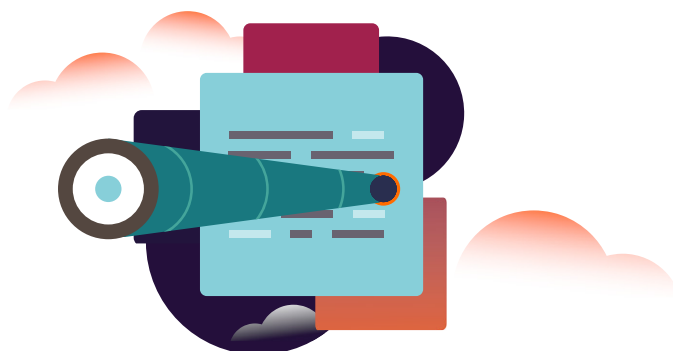
### Security

Automate security at scale to ensure consistency across multiple teams, clusters and tenancy. Integrate shift left security and reduce risk faster with prioritized security recommendations.



### Operations

Enable cloud native service ownership. Achieve accountability, reliability and continuous improvement of your cloud native applications. Simplify Kubernetes complexity by gaining visibility into multiple clusters and teams.



## OPERATIONALIZE OPEN SOURCE AT SCALE

Fairwinds Insights integrates leading open source projects and Fairwinds software into one scalable, centralized management solution. Enable open source at scale for multiple clusters and teams. Managing open source becomes easier with more visibility into what is installed and how it is installed.



## HOW FAIRWINDS INSIGHTS WORKS

Available as SaaS or self-hosted, users install the Fairwinds Insights agent in their clusters. Fairwinds Insights continuously scans containers and Kubernetes against 100+ out of the box deployment guardrails and configuration best practices. Users can customize additional policies with Fairwinds Insights Open Policy Agent (OPA) integration.

## CONTINUOUS INTEGRATION

Scan changes in each pull request to notify developers or break the build whenever misconfigurations are found.

## RUNS AS AN ADMISSION CONTROLLER

Restrict Kubernetes resources from entering clusters if they don't conform to organizational policies.

## OPEN POLICY AGENT (OPA)

Define custom guardrails for checking Kubernetes resources against specific organization policies: e.g. particular labeling schemes or required annotations.

Fairwinds Insights integrates with your favorite cloud native tools.



## WHY FAIRWINDS

Fairwinds is your trusted partner for Kubernetes security, policy and governance. With Fairwinds, customers ship cloud-native applications faster, more cost effectively, and with less risk. We provide a unified view between dev, sec and ops, removing friction between those teams with software that simplifies complexity. Fairwinds Insights is built on Kubernetes expertise and integrates our leading open source tools to help you save time, reduce risk and deploy with confidence.