Fairwinds

Fairwinds Insights: Policy Enforcement for Kubernetes

Managing Kubernetes at scale requires robust policy enforcement to ensure adherence to security, reliability, and cost efficiency best practices. Fairwinds Insights provides automated policy enforcement for Kubernetes, **helping teams deliver apps and services to market faster**, prevent misconfigurations, and maintain secure, cost-effective infrastructure.

PREVENT COSTLY MISCONFIGURATIONS

Monitor costs and review recommendations to increase the efficiency of Kubernetes compute resources. Insights delivers a centralized view of all Kubernetes costs, enabling cost alignment across teams so you can eliminate waste.

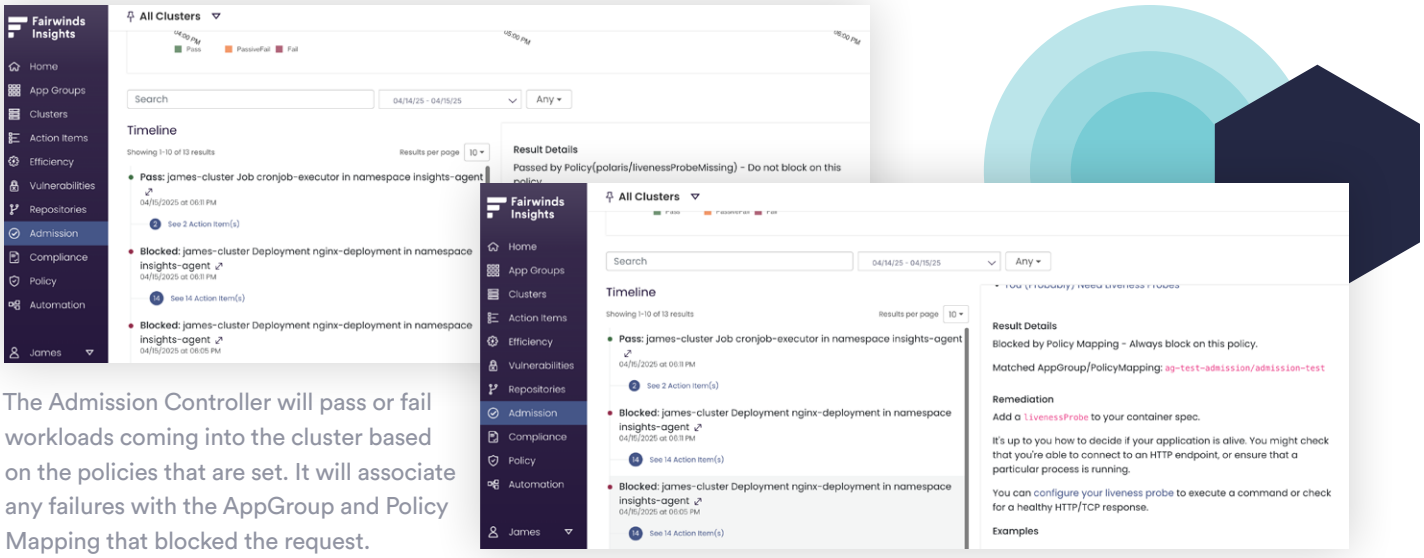
ENSURE SECURITY AND COMPLIANCE

Ensure your Kubernetes infrastructure and containers are secure through continuous Infrastructure as Code (IaC) security scanning. Automate security at scale and enable a shift-left approach that reduces risks and enforces compliance.

GO FASTER WITH DEVELOPER GUARDRAILS

Eliminate manual review by automating checks against more than 100 built-in policies or choose from a library of Open Policy Agent (OPA) templates to ensure Kubernetes workloads meet your compliance and operational standards before they go live.

> “With Fairwinds Insights, we have more confidence that **our platform is reliable and secure.**”
>
> **Veena Kannepalli,** Senior DevOps Engineer at Veracode



The Admission Controller will pass or fail workloads coming into the cluster based on the policies that are set. It will associate any failures with the AppGroup and Policy Mapping that blocked the request.

FEATURES

Shift-Left Kubernetes Security

- Infrastructure as Code scanning
- Container vulnerability scanning
- Runtime monitoring
- Auto-Scan Infrastructure as Code to support GitOps
- Role-Based Access Control
- Third-Party image upgrade recommendations
- Falco support
- Vulnerability explorer

Prevent Cloud Cost Overruns

- Set policies to prevent over-provisioning and resource waste
- Ensure cost efficiency by aligning resource requests and limits with real-world usage

Ready-to-Use Policies

- Policy library: Choose from pre-built policies or create custom rules tailored to your organization's governance needs
- Policy-as-Code automation (write once, deploy everywhere)
- Custom policies via OPA
- Multi-cluster visibility into compliance
- CIS Benchmark
- Compliance Self-Assessment for SOC 2
- Compliance recommendations

BENEFITS

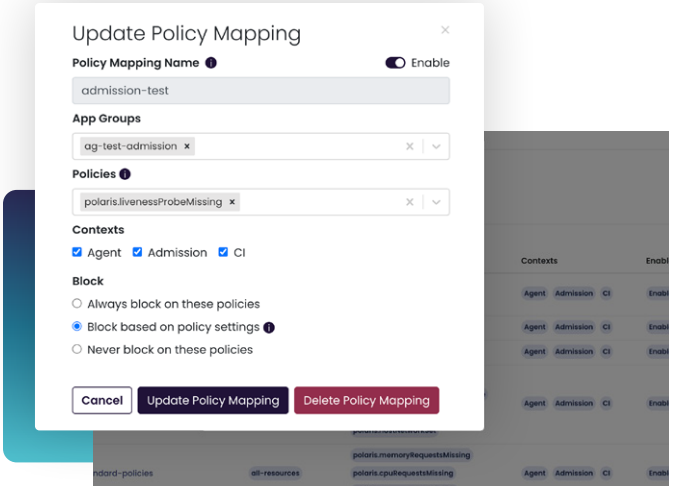
- Increase development velocity
- Reduce and/or optimize cloud spend
- Improve headcount efficiency
- Automate common manual operations tasks
- Decrease outages and downtime
- Improve Kubernetes security posture
- Enforce Kubernetes best practices
- Consolidate tooling
- Minimize or eliminate configuration drift

RESULTS

25%
Reduction in cloud spend

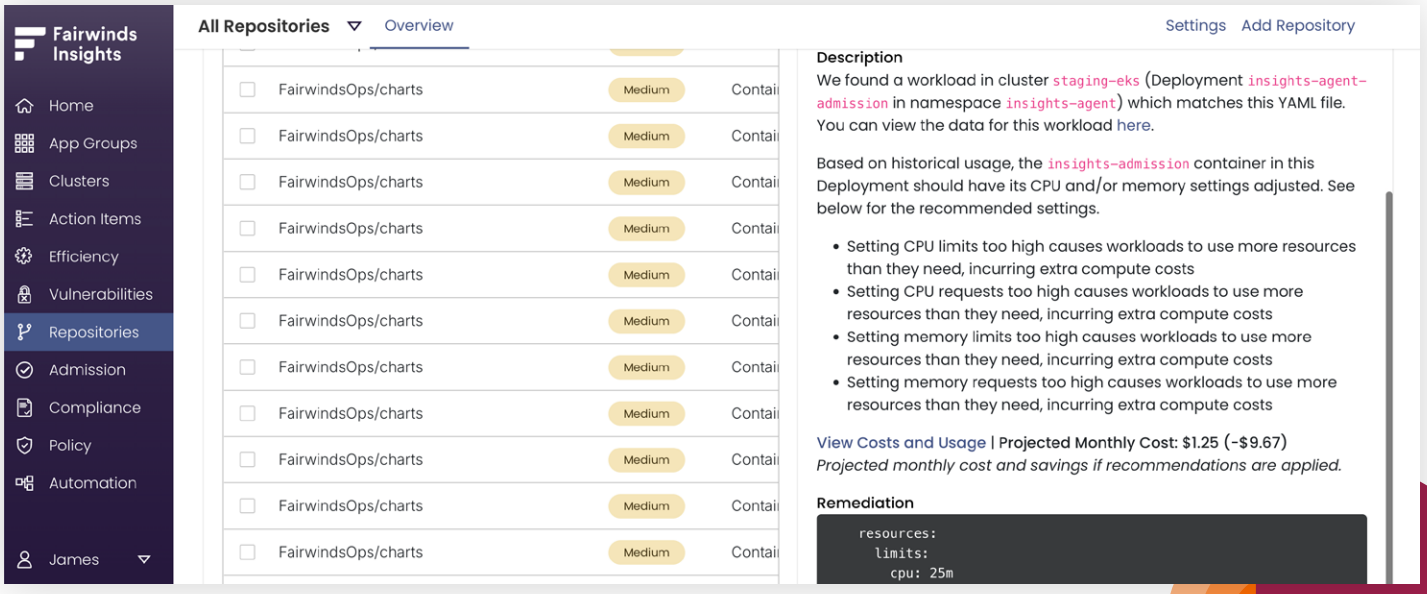
2 weeks
Save on manual auditing efforts per release

>20%
Save time fixing misconfigurations



Update the Policy Mapping so you can control exactly how the Admission Controller works.

With Fairwinds Insights, organizations can enforce Kubernetes policies effortlessly, ensuring governance, security, and efficiency while allowing developers to focus on shipping applications faster. Automate compliance, reduce risk, and optimize your Kubernetes environment—all from a single, powerful platform.



Insights scans workloads in GitHub at the time of pull request, showing cost impact and recommendations.