



Fairwinds Kubernetes Add-On Management

Proactive Maintenance for Secure, Reliable, and Scalable Clusters

THE CHALLENGE

Kubernetes add-ons are critical for production environments. Ingress controllers, observability tools, autoscalers, and policy engines are foundational—but often overlooked after initial deployment. This leads to:



Security vulnerabilities due to outdated components



Operational risk from untested upgrades and breaking changes



Compliance gaps stemming from unmanaged open source dependencies

WHAT FAIRWINDS PROVIDES

Fairwinds delivers expert-led Kubernetes add-on management, offered as part of our Managed Kubernetes Services or as a standalone engagement. We ensure your add-ons are:

Secure

- Align with compliance frameworks including NIST, ISO, and Cyber Resilience Act requirements
- Monitor and patch known CVEs
- Audit and manage high-risk permissions

Operationally Reliable

- Maintain compatibility with Kubernetes upgrades
- Prevent regressions through staged, tested rollouts
- Manage breaking changes and dependency shifts across environments

Performance Optimized

- Keep observability and policy tooling current
- Tune autoscalers, ingress controllers, and other critical components
- Optimize configurations for efficiency and reliability

While Kubernetes clusters may be regularly upgraded, neglected add-ons can quietly introduce significant risk.



WHY FAIRWINDS

- Monthly add-on upgrades and security patches across all managed clusters
- Deep expertise in Kubernetes, Helm, GitOps, and open source ecosystems
- Proven operational playbooks to reduce upgrade risk
- Coverage for cloud (EKS, GKE, AKS) and on-premises Kubernetes environments
- Trusted by engineering teams in SaaS, fintech, retail, and regulated industries

CUSTOMER OUTCOMES



Stronger cluster
security and resilience



Reduced downtime and
fewer surprise breakages



Streamlined compliance
and audit readiness



More developer time
spent building, less time
fixing infrastructure

Offload the burden of Kubernetes add-on management. **Fairwinds ensures your clusters stay secure, supported, and production-ready.**

HOW IT WORKS

Fairwinds pairs platform engineering expertise with powerful open source tools:



Detects deprecated Kubernetes APIs in infrastructure as code



Flags out-of-date Helm charts, images, and cluster components



Encapsulates upgrade research into machine-readable policies for safe rollouts



Integrated native support for Argo CD and CI/CD pipelines



Use Renovate or Dependabot to streamline pull-request-based upgrades