

MODERN CLOUD OPERATIONS WITH EKS

Fast & affordable configuration, deployment & management of Kubernetes applications aligned with Amazon EKS Blueprints.

- Faster time-to-market for innovative new products & services.
- Automation accelerates Kubernetes iteration and deployment.
- Security, quality & operational best practices are baked in.
- nOps optimizes AWS costs continuously.

Top reasons to modernize operations on AWS with EKS:

- Enable developers to focus on applications.
- Standardize modern application tools.
- Implement guardrails and controls.
- Know the states of applications, deployments, and infrastructure using GitOps and IaC.
- Optimize cloud resource utilization and spend.
- Reduce operational overhead.



nClouds modern CloudOps with EKS aligns with AWS Well-Architected best practices and saves time and money.

 <p>Accelerated time-to-market.</p>	 <p>Automation provides faster Kubernetes deployment.</p>	 <p>Continuous AWS cost optimization with nOps.</p>	 <p>Enterprise-level platform operations & governance.</p>	 <p>Amazon EKS Blueprints control tooling drift.</p>	 <p>AWS Well-Architected best practices are baked into deployments.</p>
---	---	---	--	--	---

What we do:

- ✓ **Containerize.** Migrate workloads from physical machines or VMs to AWS using a containerization approach. Decouple and containerize your existing applications for seamless deployment to Amazon EKS. Perform Kubernetes best practices review and optimization. Test and integrate Kubernetes.
- ✓ **Build and deploy internal development platforms with Amazon EKS.** Amazon Blueprints for EKS (Amazon CDK and Terraform) provide a framework and methodology to build a central development platform on top of Amazon EKS with tools and best practices for securing, scaling, monitoring, and operating a containerized infrastructure.

“ The BKJ Digital team needed to migrate a fleet of production applications from a legacy infrastructure provider to a modern, flexible, Kubernetes-based stack. The nClouds team’s deep experience with Kubernetes on Amazon EKS helped us plan and execute our migration to AWS in record time.”

Ben Durbin, Director of Technology, BKJ Digital
(Read [case study](#))

“ Moving from ECS to EKS and VPC deployment is a major milestone for Appify. It’s enhanced the scalability and high-availability required for our SaaS solution. The nClouds team came in at the right time and helped us achieve our goals. We appreciate all the great work that went into this project.”

Rangarajan Vaithyalingam, Platform Architect, Appify
(Read [case study](#))

- ✓ **Deploy existing CI/CD tooling or build a scalable deployment service** for customers with no pre-existing CI/CD tool via GitOps and ArgoCD. Ensure near-zero disruption of applications during deployment and implement well-tested rollback mechanisms.
- ✓ **Build core infrastructure and reduce risk** with reusable infrastructure as code (IaC) using nClouds' nCodeLibrary — pre-designed configurations that have been previously tested and optimized by nClouds for compliance with the AWS Well-Architected Framework best practices. Use Open Policy Agent (OPA) to decouple policy from the service's code to release, analyze, and review policies for security and compliance without sacrificing availability or performance.
- ✓ **Integrate applications in Kubernetes** with Helm files, multiple replicas across Availability Zones, Kubernetes Operators for stateful workloads, Horizontal Pod and Cluster Autoscalers, minikube for a local production-live stack, and liveness/readiness/startup probes where necessary. Implement minikube to run a fully production-live stack locally.
- ✓ **Implement monitoring** using Datadog or open-source Prometheus/Grafana.

“nClouds has been the trusted partner for my distributed team, across five countries. Within our first engagement, they partnered with us on a critical project that enabled us to automate and deploy services from our next-generation energy platform regionally and globally. We could not have hit these targets if not for their well-architected and well-executed work. Exceptionally talented folks!”

CTO, Energy Platform, Global Energy & Petrochemical Leader
(Read [case study](#))

Why nClouds?



AWS Expertise

nClouds is an AWS Premier Consulting Partner (since 2018) – our superpowers include DevOps and Modern Cloud Operations on AWS for enterprises and startups. Plus, we're a top MSP and among the leading IT service providers in North America (CRN 2022).



Containerization Experience

nClouds has extensive experience using highly scalable container management and registry services to simplify the containerization and distribution of applications. We help you build, deploy, manage, and scale containers in production so you can build your applications quickly and efficiently.



“To provide a superb collaboration platform to our customers, it's critical for the Teamworks app to excel in performance efficiency and scalability. With nClouds' expertise in migration and DevOps, we were able to optimize our app to deliver high availability, low latency, consistent performance, and scalable capacity.”

Bill Berzinskas, Site Reliability Engineering (SRE) Manager, Teamworks
(Read [case study](#))

For more information, or to set an appointment to speak with us:



Email us



Set an appointment



[Find us on the web](#)

