AWS
PARTNER
Advanced Tier
Services

Amazon EKS Launchpad

Protagona's **EKS Launchpad** is a collaborative two-week engagement focused on the implementation of a Kubernetes cluster on Amazon EKS, followed by containerization and deployment of a single qualified customer workload. We utilize industry best practices to accelerate your modernization journey by establishing a repeatable and scalable foundation for the containerization and deployment of additional workloads.

Containerizing with EKS - Benefits & Tooling

Monitoring	Insights into resource utilization, performance, and scalability enable efficient resource management and issue resolution	• FluentD • Jaeger • Prometheus
Autoscaling	Automatically adjust consumption based on traffic and demand while maintaining application availability and performance	• Karpenter • Horizontal Pod Autoscaling (HPA)
Cost Optimization	Efficiently use resources, scale based on demand, and enable granular cost tracking to optimize overall cloud expenditure	• Kubecost
Security	Enhanced security through isolation and segmentation, preventing vulnerabilities in one container do not impact others	• OPA Gatekeeper
Automation	EKS streamlines automation, enabling automatic deployment, scalability and container management	• Terraform • ArgoCD

Typical EKS Launchpad Schedule of Activities

Day 0: Pre-EKS Launchpad Discovery & Planning
Protagona team will work with customer to identify candidate workloads for EKS Launchpad engagement. Team will also ensure alignment around engagement scheduling and logistics.

Day 1: Kickoff & Requirements
Team introductions and review of schedule, deliverables, and expectations for the EKS Launchpad engagement. Align on workload selection for the engagement and capture any workload-specific requirements or considerations.

Day 2: Initial Setup, Configuration & Deployment of Cluster
Confirm prerequisites are in place and deploy initial infrastructure to support a POC workload within the cluster.

Day 3-9: App Containerization & Deployment
Configure EKS Cluster and underlying infrastructure to work cohesively with the POC workload. This phase consists of establishing a well-architected and highly available architecture with capabilities around observability, cost optimization, and autoscaling.

Day 10: EKS Immersion Day, Wrap-up & Handoff
Deep dive into EKS with hands-on labs, knowledge sharing, and an EKS environment demo. Time will also be used to address any remaining customer questions or concerns. We'll wrap up with a review of all deliverables, documentation, and discuss next steps.

Engaging Protagona

How to Get Started
- Contact us at info@protagona.com
- Learn more at protagona.com

Customer Containerization Success Stories
- Container Adoption on AWS
- Cost Optimization on AWS