

# Enterprise Kubernetes Platform Enablement

Delivers comprehensive knowledge transfer and operational enablement for your Kubernetes platform team, based on proven practices from extensive enterprise implementations across major distributions (EKS, AKS, GKE, OpenShift, RKE, Charmed K8s). This service ensures your team develops the expertise needed for effective platform operations, optimization, and innovation.

## Prerequisites

- Operational Kubernetes platform environment
- Platform team identified and available
- Development environment access
- Base Kubernetes certification (CKA level)
- Standard operating procedures documented

## Core Platform Operations (4 weeks)

- Kubernetes architecture and operations deep dive
- Infrastructure-as-Code and GitOps practices
- Security operations and compliance management
- Monitoring and observability implementation
- Cluster lifecycle management

## Advance Operations (4 weeks)

- Performance optimization and scaling
- Disaster recovery and backup procedures
- Platform automation development
- Service mesh operations
- Multi-cluster management

## Skills Validation (4 weeks)

- Hands-on scenario practice
- Production support shadowing
- Knowledge validation exercises
- Operational handover
- Production deployment procedures

## Technical Outcomes

- Team operational autonomy achieved
- Incident response capabilities established
- Change management processes validated
- Cost optimization implemented
- Self-service capabilities enabled

## Deliverables

- Platform Operations Playbook
- Training Completion Records
- Knowledge Validation Results
- Automation Runbooks
- Operational Procedures Guide