

Enterprise Kubernetes Platform Readiness

Evaluates your organization's readiness for enterprise Kubernetes adoption, analyzing infrastructure, security, operational capabilities, and application portfolio requirements. Based on extensive enterprise implementations across major distributions (EKS, AKS, GKE, OpenShift, RKE, and Charmed K8s), this assessment delivers a comprehensive adoption strategy aligned with cloud native best practices and architecture frameworks.

Prerequisites

- Current infrastructure and application inventory
- Network architecture documentation
- Security and compliance requirements
- Application performance metrics
- Platform team structure and capabilities

Discovery & Analysis (2 weeks)

- Infrastructure and workload assessment
- Security and compliance evaluation
- Network architecture review
- Cost modeling and analysis
- Team capability assessment

Evaluation & Design (1 week)

- Distribution selection and architecture design
- Security controls framework planning
- Operational model development
- Integration requirements analysis
- Multi-cluster strategy planning

Recommendations & Planning (1 week)

- Target architecture development
- Migration strategy creation
- Security framework definition
- Cost optimization planning
- Implementation roadmap development

Technical Outcomes

- Architecture framework readiness established
- Application containerization feasibility validated
- Security controls and compliance mapped
- Cost optimization opportunities identified
- Operational readiness baseline established

Deliverables

- Kubernetes Readiness Assessment Report
- Platform Architecture Blueprint
- Security Controls Matrix
- Cost Analysis and Optimization Plan
- Implementation Roadmap Document

This assessment focuses solely on technical readiness evaluation. Implementation and operational enablement are addressed in subsequent Deploy and Enable phases.

About Shadow-Soft

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