

OpenShift Platform Deployment

Implements a production-grade OpenShift platform leveraging proven patterns from 75+ enterprise deployments. This service delivers a fully configured, secure, and operational OpenShift environment with integrated security controls, monitoring, and automation to support enterprise workload requirements.

Prerequisites

- Completed OpenShift Platform Readiness Assessment
- Infrastructure provisioned per technical specifications
- Network and security policies approved
- Access to required infrastructure systems
- Platform engineering team availability

Infrastructure & Core Platform (4 weeks)

- Infrastructure components deployment
- Core OpenShift installation and configuration
- Network and storage integration
- Security baseline implementation
- High availability configuration

Platform Services & Integration (4 weeks)

- Service mesh implementation
- Monitoring and logging setup
- CI/CD pipeline integration
- Security controls deployment
- Backup and DR configuration

Production Readiness (4 weeks)

- Performance testing and tuning
- Security compliance validation
- DR testing and validation
- Production readiness verification
- Platform documentation completion

Technical Outcomes

- Production OpenShift platform operational with enterprise-grade availability
- Security controls fully validated against compliance requirements
- CI/CD pipeline delivering with optimized deployment times
- Automated scaling handling peak load conditions
- Cross-region failover validated for business continuity

Deliverables

- As-built architecture documentation
- Platform runbooks and operational guides
- Security compliance validation report
- Performance test results and analysis
- Production readiness verification matrix

About Shadow-Soft

16+ years experience | Platform Modernization Experts
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