

OpenShift Platform Readiness Assessment

Based on 75+ enterprise OpenShift migrations, technical leaders face critical decisions when preparing infrastructure and applications for OpenShift adoption. Common challenges include infrastructure compatibility gaps, container readiness issues, and security control requirements.

Prerequisites

- Access to technical SMEs (infrastructure, security, development)
- Current architecture documentation
- Infrastructure metrics and capacity data
- Application portfolio details

Technical Discovery (2-3 weeks)

- Infrastructure compatibility analysis (compute, network, storage)
- Network topology and segmentation assessment
- Storage system evaluation and class requirements
- Security control and compliance review
- Authentication and RBAC requirements analysis

Workload Analysis (2-3 weeks)

- Application containerization readiness
- Resource requirements and sizing analysis
- CI/CD pipeline evaluation
- Integration dependencies review
- Stateful vs stateless workload assessment
- Image registry requirements

Recommendations (2 weeks)

- Platform architecture specifications
- Technical requirements documentation
- Risk assessment and mitigation strategies
- Implementation considerations and dependencies
- Scaling and high availability recommendations

Key Technical Decisions Informed

- Infrastructure readiness validated against OpenShift requirements
- Network topology confirmed for OpenShift compatibility
- Security posture aligned with Red Hat container standards
- Application containerization feasibility established
- Platform automation capability baselined for target state

Deliverables

- Environment analysis report with infrastructure requirements
- Workload readiness assessment and container strategy
- Technical recommendations with architecture diagrams
- Security and compliance requirements documentation

About Shadow-Soft

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