AZURE ASSESSMENT:
Enterprise Container Platform Readiness

Ensure your container platform is ready for enterprise scale

The BlakYaks Azure Enterprise Container Platform Readiness Assessment provides a comprehensive evaluation of your organisation's container platform architecture, operational practices and governance framework.

KEY CHALLENGE

Container platforms are rapidly becoming the foundation of modern digital services. However, many organisations adopt container orchestration technologies without fully establishing the architectural, operational and governance foundations required to run them reliably at enterprise scale.

Platforms built without these foundations often encounter:

- Security vulnerabilities in container workloads
- Inconsistent deployment and operational practices
- Poor visibility of application performance and health
- Inefficient resource utilisation and bloated infrastructure costs
- Weak governance over container and Kubernetes workloads and environments
- Platform instability as workloads scale

BlakYaks Azure Enterprise Container Platform Readiness Assessment focuses on ensuring your container platform - built on Azure Kubernetes Service or Azure Red Hat OpenShift - is secure, scalable and ready to support business-critical workloads.

Through structured workshops, platform analysis and architectural review, we deliver actionable recommendations that enable organisations to operate a production-ready platform that's ready to scale.

ENGAGEMENT OPTIONS

We offer two levels of assessment depending on the depth of analysis and transformation planning required.

OPTION 1: BASELINE

3-4 weeks
£20,000

The Baseline Assessment provides a structured evaluation of your organisation's container platform maturity, focusing on the architectural and the operational readiness of your Kubernetes platform.

OPTION 2: BASELINE+

4-6 weeks
£40,000

The Baseline+ Assessment builds upon the Baseline engagement by providing deeper technical analysis through a detailed engagement with our senior Kubernetes and platform engineering specialists.

BASELINE ASSESSMENT

Expert & independent evaluation of your container platform architecture

The **Baseline Assessment** provides a structured evaluation of your organisation's container platform maturity, focusing on the architectural and operational readiness of your Kubernetes platform.

The engagement examines how your container platform is deployed, managed, secured and operated within your enterprise cloud environment.

SCOPE

The scope of the assessment covers:

Container Platform Architecture	• Kubernetes cluster architecture and topology • Cluster lifecycle management and upgrade strategy • Networking architecture and ingress configuration • Multi-cluster strategy and environment separation • Alignment with Azure platform best practices
Deployment & Platform Automation	• Infrastructure-as-Code deployment practices • CI/CD pipelines for container workloads • GitOps deployment strategies • Container build and release automation • Platform provisioning and automation practices
Operational Governance & Reliability	• Monitoring and observability strategy • Backup and disaster recovery configuration • High availability and fault tolerance design • Operational runbooks and support processes • Platform governance and workload management
Security & DevSecOps	• Kubernetes security configuration and RBAC policies • Container image security and vulnerability scanning • Admission policies and workload security controls • Secrets management and credential handling • Alignment with Kubernetes and cloud security best practices
Capacity & Resource Management	• Cluster capacity planning and autoscaling strategy • Resource utilisation and workload efficiency • Infrastructure cost optimisation opportunities • Node pool configuration and scaling policies
Container Lifecycle Management	• Container registry configuration and governance • Image lifecycle and version management • Image security scanning and supply chain protection • Container runtime configuration and optimisation
Platform Production Readiness	• Evaluation of the overall container platform design • Alignment with enterprise cloud architecture standards • Platform readiness to support production workloads • Platform scalability and operational resilience

BASELINE+ ASSESSMENT

Deep-dive platform engineering assessment

The **Baseline+ Assessment** builds upon the Baseline engagement by providing deeper technical analysis and direct engagement with our expert Kubernetes and platform engineering specialists.

Baseline+ moves beyond assessment to help organisations design a clear and practical **improvement roadmap** for modern software delivery including recommended workstreams, timelines and indicative implementation cost estimates.

SCOPE - ADITIONAL ACTIVITIES

Baseline+ includes all Baseline activities plus:

- Platform architecture deep-dive workshops
- Container platform operating model review
- Kubernetes cluster design validation
- CI/CD pipeline architecture assessment
- DevSecOps integration review
- Platform scalability and resilience planning

KEY DELIVERABLES

Each assessment level provides a comprehensive evaluation of your organisation's container platform architecture, operational practices and governance framework.
The diagram below outlines the deliverables associated with each assessment level.

BASELINE ASSESSMENT

A single comprehensive **Azure Enterprise Container Readiness Report** will be produced covering key information such as:

- Prioritised improvement recommendations
- Platform risk and gap analysis
- Container platform architecture and design improvements
- Critical security and controls analysis feedback
- Executive summary for technology leadership

Findings are presented through a structured walkthrough session with technical and leadership stakeholders.

Everything in Baseline Assessment, plus:

BASELINE+ ASSESSMENT

Baseline+ provides all Baseline deliverables, plus:

- Enterprise container platform roadmap
- Implementation workstreams
- Platform engineering improvement plan
- Estimated delivery timeline
- Remediation prioritisation plan

This ensures your organisation leaves the engagement with a clear strategy to evolve its container platform into a robust enterprise-grade platform.

AZURE ASSESSMENT:
Enterprise Container Platform Readiness

OUTCOMES

The engagement ensures your container platform becomes a scalable and reliable foundation for modern cloud-native micro-services applications.
Organisations completing this readiness assessment kickstart their journey towards:

- ✓ A secure and production-ready Kubernetes platform
- ✓ Improved container deployment and automation practices
- ✓ Reduced operational risk and improved platform resilience
- ✓ Stronger DevSecOps integration for container workloads
- ✓ Improved platform observability and operational insight
- ✓ A clearer roadmap for platform engineering maturity

USE CASES

This engagement is particularly valuable for organisations that:

- Are adopting container platforms and Kubernetes at scale
- Are planning to deploy production workloads on AKS or ARO
- Want to validate their platform architecture ahead of application deployments / migrations
- Need to strengthen container security and governance to meet compliance objectives
- Are transitioning toward platform engineering models
- Have a micro-services application strategy that demands the use of serverless platforms

Typical stakeholders include the CTO, Heads of Platform Engineering, DevOps and SRE Leaders, Cloud Platform Architects and Enterprise Architects.

WHY BLAKYAKS

We combine expertise in enterprise cloud architecture, Kubernetes platform engineering and DevSecOps practices.

Our methodology aligns cloud-native engineering practices with enterprise governance and operational requirements, ensuring that container platforms are not only technically sound but also operationally resilient.

Our focus is on delivering practical, actionable recommendations that help organisations build container platforms capable of supporting long-term business innovation.

START YOUR CONTAINER PLATFORM ASSESSMENT

To discuss how the Azure Enterprise Container Platform Readiness Assessment can support your organisation's cloud-native strategy, contact us to arrange an initial consultation.

You can reach the team at:

020 4551 9237
solutions@blakyaks.com

BlakYaks.
a PROACT company