

AZURE ASSESSMENT: Enterprise DevOps & DevSecOps Maturity

Accelerate software and cloud infrastructure delivery while strengthening security and governance.

The BlakYaks Enterprise DevOps & DevSecOps Maturity Assessment for Azure customers provides a structured evaluation of your organisation's software delivery practices, tooling, governance and engineering practices.

The engagement delivers clear insight into your current maturity level and a practical roadmap to improve delivery speed, quality and security.

KEY CHALLENGES

Digitally focused businesses rely on their ability to deliver software and services rapidly, securely and reliably. However, as engineering teams grow and cloud platforms evolve, many organisations discover that their DevOps practices have developed organically rather than through a conscious design.

This often results in:

- Inconsistent development and IaC practices across teams
- Security controls applied too late in the development lifecycle
- Fragile CI/CD pipelines and deployment processes
- Limited visibility into application health and performance
- Infrastructure drift and configuration inconsistencies
- Cultural barriers between development, security and operations teams

Without a mature DevSecOps capability, organisations struggle to achieve the full benefits of modern cloud platform DevOps deployments such as Azure DevOps, GitHub and GitHub Advanced Security.

ENGAGEMENT OPTIONS

We offer two levels of assessment depending on the depth of technical engagement and implementation planning required.

> OPTION 1: BASELINE

3-5 weeks
£30,000

A structured assessment of your DevOps and DevSecOps maturity across tools, processes, governance and engineering practices, showing strengths, gaps and priority improvements.

> OPTION 2: BASELINE+

5-7 weeks
£50,000

Extends the Baseline assessment with our senior DevOps and platform engineers to define a practical improvement roadmap with workstreams, timelines and indicative costs.

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BASELINE ASSESSMENT

Independent expert evaluation of your software delivery capability

The **Baseline Assessment** evaluates your organisation's DevOps and DevSecOps maturity across the full software delivery lifecycle.

Using a structured maturity model, we review the tools, processes, governance and engineering practices used by development and platform teams.

SCOPE

Our assessment examines the key pillars required for modern DevOps tools and performance.

Version Control & Collaboration	<ul style="list-style-type: none">• Source control platform strategy and repository governance• Branching and pull request policies• Code review practices and developer collaboration• Dependency management and shared code reuse• Developer productivity tooling including AI-assisted development
Continuous Integration & Continuous Delivery	<ul style="list-style-type: none">• CI/CD pipeline maturity and automation• Build validation and pipeline observability• Release management practices• Deployment automation and rollback capabilities• Deployment strategies such as blue/green or canary releases
Testing & Quality Engineering	<ul style="list-style-type: none">• Continuous testing practices• Unit, integration, and performance testing coverage• Automated testing within the CI/CD pipeline• Disaster recovery and resilience testing• Testing practices across development, staging, and production environments
DevSecOps & Secure Development	<ul style="list-style-type: none">• Secure coding standards and developer training• Static code analysis and vulnerability scanning• Secrets management and credential protection• Security testing within CI/CD pipelines• Threat modelling and vulnerability remediation processes
Infrastructure as Code & Platform Engineering	<ul style="list-style-type: none">• Infrastructure provisioning strategy• Infrastructure as Code tooling and governance• Immutable vs mutable infrastructure models• Configuration management practices• Environment consistency and drift detection
Configuration & Secrets Management	<ul style="list-style-type: none">• Application configuration management• Centralised configuration stores• Secrets management strategy• Secure handling of certificates, credentials, and API keys
Monitoring, Observability & Operational Insight	<ul style="list-style-type: none">• Application performance monitoring (APM) practices• Log aggregation and telemetry collection• Observability of distributed applications• Alerting, dashboards, and operational insight
DevOps Culture & Operating Model	<ul style="list-style-type: none">• Collaboration between development, operations, and security teams• Engineering ownership of operational responsibilities• DevOps experimentation and innovation culture• Alignment between engineering teams and business objectives

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BASELINE+ ASSESSMENT

Deep-dive assessment with detailed transformation roadmap

The **Baseline+ Assessment** builds upon the core Baseline Maturity Assessment and adds deeper engagement from our senior DevOps architects 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.

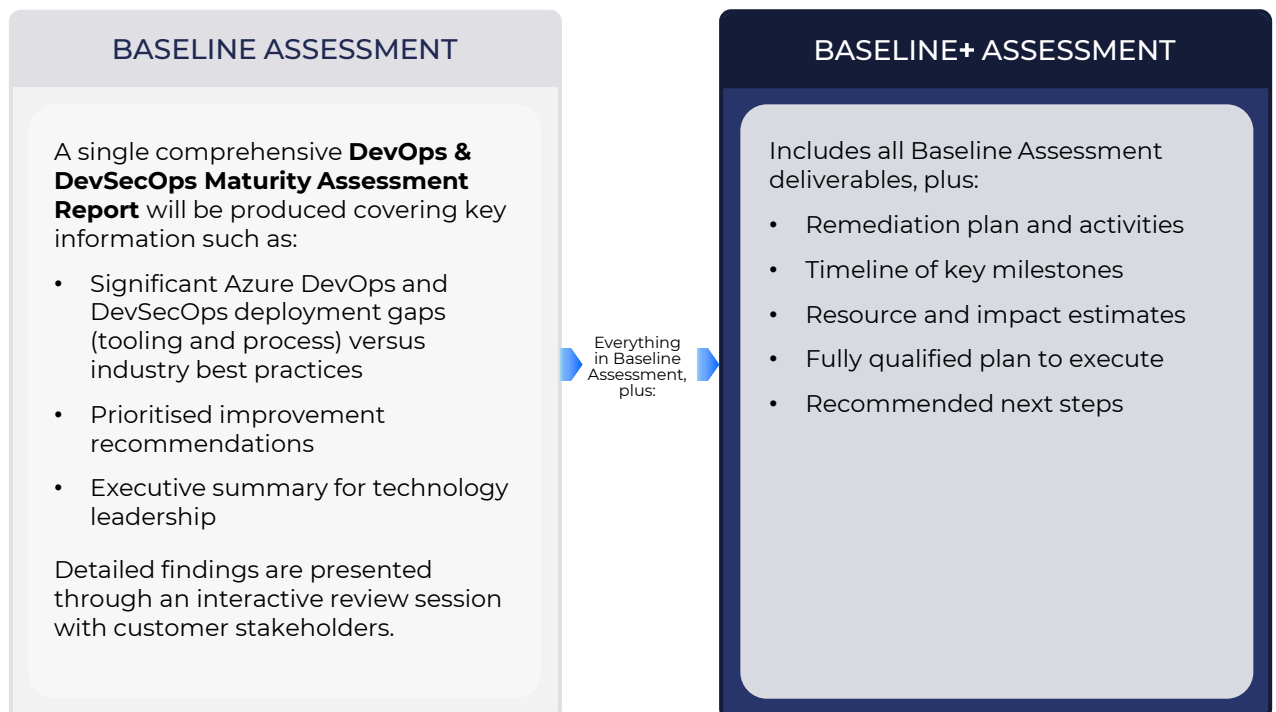
Our goal is to leave our customers with a practical, cohesive, and comprehensive plan and timeline that can be executed in a structured manner. We ensure that priorities and recommendations are fully understood and qualified.

We can also provide estimates to support the customer's stakeholder team to carry out the activities in the plan, working side-by-side with the right technical team members on the customers' side.

Once remediation activities are carried out, customers are ready to accelerate the delivery of software and IaC delivery, safe in the knowledge that they have DevSecOps foundations they can trust.

KEY DELIVERABLES

Both assessment levels examine the key pillars required for modern DevOps performance. The diagram below outlines the deliverables associated with each assessment level.



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OUTCOMES

The engagement helps organisations deliver software faster while improving reliability, security and governance. Organisations completing the DevOps & DevSecOps Maturity Assessment take a major step towards:

- ✓ Faster and more reliable software delivery
- ✓ Improved developer productivity and collaboration
- ✓ Earlier detection of vulnerabilities in the development lifecycle
- ✓ Reduced operational risk and deployment failures
- ✓ Greater visibility into application performance and reliability
- ✓ Improved alignment between development, operations, and security teams

USE CASES

This assessment is particularly valuable for organisations that:

- Are adopting or expanding DevOps or DevSecOps practices
- Want to modernise their CI/CD pipelines
- Need to strengthen secure software development practices
- Are transitioning toward platform engineering models
- Want to improve software delivery speed without increasing risk

Typical stakeholders include the CTO, Heads of Engineering and Platform Engineering, DevOps and Cloud Platform Leaders, Chief Information Security Officers and Enterprise Architects.

WHY BLAKYAKS

We combine expertise in cloud architecture, DevOps engineering and enterprise security practices.

Our assessment methodology aligns modern engineering practices with enterprise governance, compliance and operational requirements, helping organisations modernise software delivery while maintaining security and control.

Our recommendations are practical, actionable and aligned with real-world engineering environments.

START YOUR DEVOPS MATURITY ASSESSMENT

To discuss how the Enterprise DevOps & DevSecOps Maturity Assessment can help accelerate your organisation's software delivery capability, contact us to arrange an initial consultation.

You can reach the team at:

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