

IBM Consulting



G-Cloud 15
IBM - DevSecOps Services

Service Definition Document

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Service Overview

IBM provides a range of services to help you design, implement and manage security controls throughout the Software Development Lifecycle (SDLC). Our experienced team can align with your application development framework and support with transforming culture and development processes to migrate and secure applications in the cloud.

Features

- Broad range of advisory, implementation and managed services to support your DevSecOps approach.
- Aligned to industry best practices and frameworks to address compliance requirements.
- Provide development teams with insights on secure design, coding and testing practices.
- Monitor application security and proactively manage threats.
- Embed security into DevOps lifecycle for secure and rapid innovation.
- Enhance secure development practices to support organisational success.

Benefits

- Identify clear steps to implement DevSecOps practices.
- Reduce application security defects early in the secure development lifecycle.
- Reduce costs of fixing application vulnerabilities.
- Drive innovation securely in your application development.
- Implement policies to address government and industry regulations.
- Continuous monitoring of DevSecOps and workload protection tooling.

Key Differentiators

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Comprehensive experience with an array of regulatory and industry frameworks.
- Range of services to support your journey across the entire Secure Development Life Cycle (SDLC).
- Vendor agnostic approach, supporting integration and interoperability to maximise flexibility.



- IBM Garage approach to collaborate and co-create the solutions that align best with your context.



Addressing Business Needs

Developing modern applications comes with many security challenges. Our team can help you address key challenges that organisations like yours are facing today:

[Siloed Approach to Secure Development](#)

[Regulatory Compliance](#)

[Debt of Legacy Infrastructure](#)

Legacy infrastructure and modern, secure applications co-exist. Complex architectures and new technologies create complex security landscapes.

[Growing Attack Surface](#)

Service Definition

IBM provides consulting, integration and managed security services that map to your application development framework.

DevSecOps Services are designed to be tailored to meet business requirements and align with potentially different levels of internal capability, providing commitment to service and quality levels throughout the engagement.

1. Enablement Services

2. Strategy & Design

Assess the current state of security in your development lifecycle and build a roadmap for future state. Design a solution tailored to your development processes.

3. Integration Services

Receive support with deployment planning, implementation and integrations to scale, simplify and secure your secure development lifecycle.

4. Managed Services

Continuously validate your DevSecOps and cloud workload security posture with our managed security services. Including vulnerability management, policy management and threat modelling.

5. Champion Services

Utilise our qualified security experts to implement secure development services embedding security by default and build trust across your organisation.

IBM Approach

We bring the benefit of having worked with the world's largest organisations, transforming complex, critical services. Our approach is based on robust methods, processes and personalised engagement.

- Proven delivery track record working in complex environments.
- Access to specialists who understand the lessons and risks for transformation.
- Being able to advise, support and transfer knowledge with your teams.
- Implementing strong governance, defined collaboratively within the context of robust methods and processes.
- Bringing an integrated and controlled planning approach.
- Proactive identification and management of risks and issues based on experience.
- Working across complex existing and new platforms.
- Experience with the latest technologies, tools and delivery methods.

Why IBM?

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Comprehensive experience with an array of regulatory and industry frameworks for DevSecOps.
- Vendor agnostic approach, supporting interoperability and flexibility to deploy your preferred solution.
- Program governance tailored to your organisation's needs.
- Employ the IBM Garage method to co- create solutions that best align your context and requirements.
- Building long-term client relationships based on innovation, trust and service excellence.
- Developing and deploying world-class talent.

Values and Outcomes

IBM Secure DevOps Services can support you at every stage of the Secure Development Lifecycle.

1. Enablement Services

- Receive actionable recommendations to prioritise investment and resources to address critical gaps and achieve compliance.
- Upskill your existing resources and reduce staffing costs.

2. Strategy & Design

- Enhance the security architecture of your development lifecycle.
- ‘Shift-left’ security practices to reduce security defects.

3. Integration Services

- Improve the security of applications before they enter production.
- Optimise policies and processes to increase development speed and security.
- Address government and industry compliance requirements.

4. Managed Services

- Continuously monitor security tooling to maintain secure practices and compliance.
- Reduce cost of fixing vulnerabilities through efficient management of secure development lifecycle.
- Increased productivity through automated security policy assignment during development.

5. Champion Services

- Transfer knowledge to your development teams, across the secure development lifecycle.
- Reduce costs by augmenting your existing teams.

This is IBM in the UK

We have worked together with organisations in the UK for over 100 years, with a rich history of joint innovation and achievements, built on trusted relationships.



Cloud

Together, IBM and Red Hat are working to deliver the world's only **next-generation hybrid multicloud platform**



Economy

IBM has been **integral to the UK economy for >100 years**, and is one of its largest tech employers



R&D

In the UK alone, IBM **invests £170 million in R&D** each year



Quantum

IBM Q, the world's most advanced quantum computing initiative for commercial use, is being used by CERN



Environment

IBM's focus on sustainability began in 1971 with our first environmental policy



Artificial Intelligence

IBM develops **watsonx based generative AI solution** for the Austrian federal armed forces to **provide fact-based evaluation and classification** for the ability to remain capable of acting in the light of risk scenarios.



Changing the world

IBM was awarded **World Changing Company of the Year 2019** by Fast Company



Royal recognition

29 UK IBMers received honours from the **Queen** for contributions to tech and society



Diversity

IBM won the **Global Diversity Award 2019** and the **ENEI's Gold Standard**



Graduates

IBM is committed to developing future talent – we are **Target Jobs' Graduate Employer of the Year 2019**



Volunteering

IBM dedicates **>20,000 volunteering hours every year** for a better society



Tech talent

IBM runs P-TECH schools in 18 countries, helping **>100,000 students build skills for careers of the future**



Inventors

IBM UK is home to many Master Inventors, with **>250 patents filed last year alone**

