

IBM Consulting



G-Cloud 15 IBM – Cloud and Infrastructure Security Services

Service Definition Document

Email: ukcat@uk.ibm.com

Contact: Anne-Marie Wheeler

Contents

Service Overview.....	3
Addressing Business Needs	5
Service Definition	6
IBM Approach	7
Why IBM?	8
Values and Outcomes	9
This is IBM in the UK.....	10

Service Overview

IBM provides services to empower organisations to migrate to and safeguard cloud-based infrastructure and applications; monitor and control communications; and safeguard critical assets. IBM helps you to streamline and fortify your security posture, supporting resilience against evolving cyber threats while maintaining compliance across complex cloud environments.

Features

- Consulting and managed services that can be tailored based on your cloud maturity, preferred compliance framework and budget.
- Address security challenges across hybrid and multicloud environments.
- Leverage proprietary framework underpinned by zero trust principles.
- Experienced security architects to design secure-cloud based solutions.
- Leverage cloud native tools for enhanced security.
- Integrate your cloud solutions into security monitoring and governance.
- Automate cloud security policy enforcement.
- Aligned to industry best practices and frameworks to support your compliance objectives.
- Executive level reporting linked to business objectives.
- Actionable recommendations to support operational cloud implementation activities.

Benefits

- Accelerate cloud adoption by providing secure hybrid cloud/multi cloud environments.
- Scale security capabilities up or down with your organisational needs.
- Improved visibility of cyber threats with unified monitoring and policy enforcement.
- Maintain business continuity and increase resilience of critical cloud workloads.
- Improve cyber defences by leveraging cloud native security tools.
- Demonstrate compliance with regulatory requirements.



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.
- Holistic approach to align your cloud security objectives with broader organisational strategy.

Addressing Business Needs

Acceleration in Cloud Adoption

As organisations accelerate cloud adoption, they face new complexities tied to multi-cloud sprawl, shared responsibility models, and evolving architectures like containers and serverless. Despite these innovations, many continue to struggle with visibility, control, and consistent policy enforcement.

Regulatory Compliance

Compliance requirements are constantly evolving, with an increasing number of workloads being moved to cloud this is a key focus area for regulators.

Disparate Controls

The dynamic nature of cloud infrastructure introduces risks from misconfigurations, poor encryption practices, and lack of runtime protections. Security failures often stem from human error and fragmented tooling across cloud environments.

Decentralised Management

Organisations want visibility into cloud workloads to identify data risks and misconfigurations, and a unified approach to security controls across cloud service providers (CSPs).

Growing Attack Surface

New threats and attack vectors inhibit security operations across hybrid cloud environments.

Service Definition

1. [Rapid Cloud Security Assessment](#)
2. [Services for Cloud Native Security Controls](#)
3. [Cloud Security Posture Management](#)
4. [Secure Access Service Edge \(SASE\)](#)

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 cloud security.
- Robust partnerships and alliances with AWS, Azure, Google and Red Hat to deploy your preferred solution.
- Program governance tailored to your organisations needs, including the development and implementation of cyber risk policies, procedures and frameworks.
- Building long-term client relationships based on innovation, trust and service excellence.
- Developing and deploying world-class talent.

Values and Outcomes

1. Rapid Cloud Security Assessment

- Understand your current state and receive actionable recommendations to remediate critical vulnerabilities in your cloud environment(s).

2. Cloud Native Controls

- Security scales automatically with cloud workloads, ensuring consistent protection as applications grow or shift, and supports hybrid/multi-cloud environments. Continuously monitor and verify compliance with standard through automated checks, simplifying auditing.
- Consolidates tooling and reduces manual effort, lowering operational overhead and the cost of remediation by catching issues early.

3. Cloud Security Posture Management

- Simplifies and unifies managing security posture across diverse cloud environments, identify vulnerabilities, misconfigurations, and threats that human error often creates. Conduct automated remediation and policy enforcement, slashing the time and cost of manually resolving security issues across cloud resources. Achieve and maintain compliance against best practices and industry frameworks.
- Detects anomalies and suspicious activities in real-time, allowing for faster response to potential attacks before they escalate.
- Automatically fixes common misconfigurations and enforces security policies, reducing manual effort and speeding up resolution.

4. Secure Access Service Edge (SASE)

- Enable secure remote access for employees and users.
- Segment access to confidential systems and protect citizen data.
- Comply with zero trust principles and compliance requirements.
- Adapts and scales to changing business requirements and hybrid workforces.

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 **ENET'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**

