

IBM Consulting



G-Cloud 15 IBM – Data and AI Security Services Service Definition Document

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Service Overview

IBM provides services to elevate your data and AI security maturity. We provide a comprehensive approach to securing your data and AI initiatives through data discovery and monitoring and AI adoption and transformation services, enabling you to harness the benefits of generative AI while safeguarding against potential risk and vulnerabilities.

Features

- Broad range of advisory, systems integration and managed security services that can elevate your data and AI security maturity with proven methods.
- Discover and classify your sensitive data across on premise and cloud data stores.
- Monitor data activity and usage patterns to quickly uncover suspicious activity.
- Adopt AI in a secure and trustworthy manner.
- Keep pace with emerging AI regulations and standards.
- Manage and secure new attack surfaces introduced by AI.
- Aligned to industry best practices and frameworks.
- Tailored to business objectives for successful data and AI implementation.

Benefits

- Enhance your data and AI security posture.
- Gain confidence in adopting AI at scale in your organisation.
- Stay ahead of emerging threats and regulatory change through proactive adoption of AI security.
- Centralised visibility to monitor data access, device health and availability.
- Demonstrate compliance against emerging regulatory and audit requirements.

Key Differentiators

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Comprehensive experience with an array of industry frameworks.
- Holistic approach to securing AI, addressing key aspects from strategy to infrastructure.

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:

Navigating Complexity

Organisations often struggle to manage the intricate aspects of data and AI security, from data protection to threat monitoring. IBM provides expert guidance to tackle these challenges effectively.

Balancing Innovation and Risk

Organisations need to balance the benefits of AI adoption with potential risks and vulnerabilities. IBM helps clients find the right equilibrium, ensuring responsible AI implementation.

Alignment to Organisational Objectives

Aligning data and AI initiatives with broader organisational goals with security in mind can be difficult. IBM can assist in bridging the gap between business and secure IT, fostering collaboration and prioritising focus areas.

Evolving Threats and Regulations

Staying ahead of emerging threats and changing regulations in the data and AI landscape can be challenging. IBM equips clients with strategies and best practices to remain proactive, compliant, and resilient.

Service Definition

IBM provides consulting, integration and managed security services that can elevate your data and AI security maturity.

Data and AI Security 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.

IBM – Data and AI Security Services provides a full range of capabilities including:

1. Security for AI Discovery

Explore your generative AI uses cases and how you can ensure they are secure. Generate a prioritised list of focus areas to explore in future phases.

2. Cyber Security Advisory Services

Identify and classify your sensitive data across on premise and cloud data stores. Use this exercise to inform how to optimise your data security programme.

3. Database Activity Monitoring

IBM can support with implementing and managing a data monitoring solution across hybrid and multi-cloud environments to elevate your data security maturity.

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.

We focus on your business needs and developing trusted long-term relationships, underpinned by industry-leading experience and capabilities.

We want you to get the best out of every engagement and to deliver outcomes that matter for your organisation. Our approach is tailored to your needs and flexible to support all delivery models. We offer established programme and portfolio capabilities that can be aligned with your internal governance and methods, linking to industry recognised standards.

We bring specific skills and attitudes including:

- 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.

We work to manage the complexity of key business projects, programmes and portfolios, communicating with clarity and helping you make informed decisions.

Why IBM?

IBM provides a unique blend of cybersecurity and business expertise to help organisations through their transformation journey including:

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Comprehensive experience with an array of industry frameworks for data security and AI.
- Vendor agnostic approach, supporting interoperability and flexibility to deploy your preferred solution.
- Program governance tailored to your organisation's needs.
- Employ the IBM Garage transformation methodology 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 Data and AI Security Services can support you to adopt AI that is secure, safe and trustworthy.

We focus on your business needs and developing trusted long-term relationships, underpinned by industry-leading experience and capabilities so that you can be confident in the support of your critical services.

1. Security for AI Discovery

- Identify gaps in your AI security framework.
- Gain consensus among stakeholders for your AI initiative that is tailored to your organisation's context.

2. Data Discovery and Classification

- Enhance the security of your most valuable and sensitive data.
- Improve preparedness for audit and compliance activities.

3. Database Activity Monitoring

- Reduce risk from data breaches through continuous monitoring for suspicious activity.
- Decrease time to detect and respond to malicious data activities.
- Reduce operational costs and multivendor complexity.
- business processes.
- Test plans and playbooks against simulated cyber-attacks to improve crisis management.
- Improve active decision making by continuously measuring and mitigating against risks.



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**

