

IBM Consulting



G-Cloud 15 IBM – Security Services for SAP Solutions Service Definition Document

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Service Overview

IBM provides a range of services to protect SAP applications, data, and the business processes they support from unauthorised access and cyber threats. Embedding security into your SAP environment protects you from data breaches, potential fraud, and operational disruption or downtime.

Features

- Broad range of advisory, implementation and managed security services to support your SAP transformation initiatives.
- Layered approach to SAP Security, covering both compliance and technical aspects of SAP security.
- Embed security within your SAP transformation.
- Focus on automation to provide efficient and cost-effective SAP managed services.
- Tailored configuration of SAP systems to enhance cybersecurity controls.
- Access to extensive security and industry expertise with IBM's Cyber Strategy and Risk team.

Benefits

- Holistic viewpoint of cybersecurity across your SAP systems
- Automated solutions reduce manual effort and enable focus on higher value add tasks.
- Demonstrate compliance aligned to your business context.
- Minimise security risks to your SAP transformation.
- Improve visibility of SAP cyber threats.
- Augment your existing SAP teams with SAP cybersecurity skills.

Key Differentiators

- Extensive expertise supporting the most business-critical services for UK government, including Critical National Infrastructure.
- Tailored and flexible services based on your business context and compliance requirements.

Addressing Business Needs

IBM - Security Services for SAP Solutions provides enterprise-wide line of business insight into risk and compliance activities, and how it impacts an organisations overall risk exposure and resources.

Our team can help you address key challenges that organisations like yours are facing today:

Cyber Threats

Cyber threats evolve and are increasingly complex, SAP systems are no exception. It is difficult to identify with SAP Security risks you are exposed to.

SAP Design Complexities

SAP systems are complex and require multiple layers of security to ensure that sensitive data is protected. Cybersecurity is not always built-in during SAP implementations.

Regulatory and Compliance Issues

Regulatory requirements can add complexity and cost to SAP systems and their impact can be easily misunderstood.

Automation

Balancing robust cyber protections for SAP systems can impact user experience, and introduce expensive manual processes.

User Access

Complex organisational hierarchies and structures can make managing user access challenging, leading to excessive permissions from slow manual processes, resulting in increased risk to the business.

Service Definition

We provide a variety of consulting and managed services that can support you throughout your SAP transformation journey.

Security Services for SAP Solutions can 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 - Security Services for SAP Solutions provide a full range of capabilities including:

SAP Security Assessment and Discovery

Experienced IBM consultants will review your current SAP estate's cybersecurity control maturity to identify capability maturity and compliance against requirements.

SAP Security Strategy

Experienced IBM consultants will provide support to design a SAP security strategy aligned with enterprise SAP transformation focused on threats, compliance and regulatory requirements.

SAP Security Controls

Implement end-to-end SAP security controls based on your environment, specific requirements and regulatory requirements, including cyber threat protection; Identity & Access Management; Identity Governance; secure development; vulnerability management data & privacy; Roles and authorisation; and interface security.

SAP Security Hardening

Enhance the security of your SAP systems through advanced configuration and assure ongoing security through custom SAP security testing services.

SAP Security Support

SAP Security expertise to support the continuous monitoring of threats and management of remedial actions.

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 organisational 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 such as NIST and ISO27001.

We bring specific skills and perspectives 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.
- 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.
- Holistic assessment of your SAP transformation from a cybersecurity perspective.
- Tailored and flexible services based on your organisational context and compliance needs.
- Assess your organisation against the latest security regulations and standards to provide a roadmap for future improvement.

Values and Outcomes

IBM's top-down approach moves from regulatory and compliance to the most technical aspects of SAP security, ensuring full coverage of your requirements.

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. SAP Assessment and Discovery

Improved visibility of cyber risks to your SAP implementation.
SAP design aligned with applicable regulatory and compliance requirements.

2. SAP Security Strategy

Implement consistent SAP security by embedding controls in transformation programmes and business-as-usual operations.

3. SAP Security Controls

Improved security controls and configurations, reducing cyber risk.

4. SAP Security Hardening

Identify and reduce number of vulnerabilities prior to risks materialising.

5. SAP Security Support

Reduced resource time and cost through automated monitoring.
Proactively improve your SAP security baseline through continuous threat management and remediation plans.

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**

