IBM Consulting

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IBM Data and AI Security Services:

Rapidly discover and classify data in your AWS environments

As you accelerate the migration to AWS cloud, how do you ensure that your data is secure and compliant?
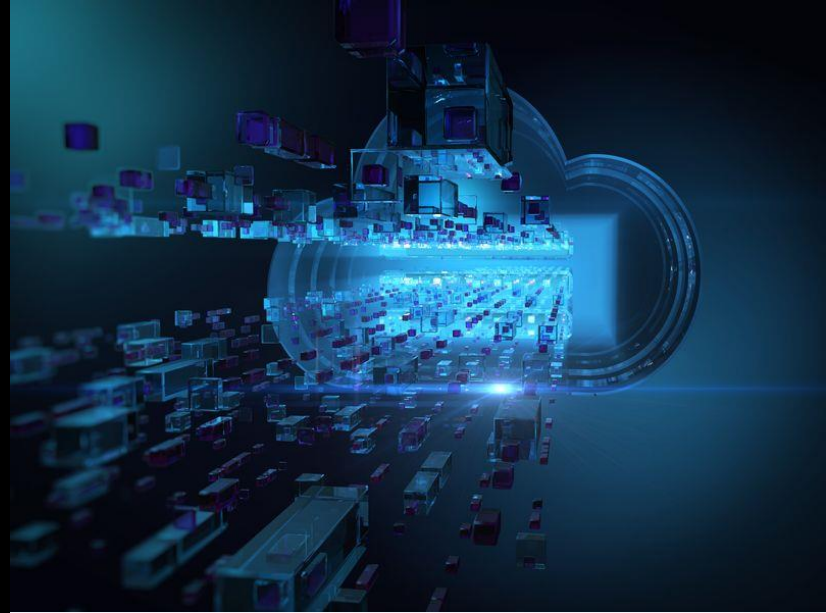
$4.88M

Average total cost of a data breach[1]

258 days

Time to identify and contain a breach[1]

[1] Cost of a Data Breach Report 2024

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Bolster the security, privacy and compliance of your data into your AWS environments with a rapid automated analysis along with IBM Cybersecurity experts

IBM's Rapid Data Security Assessment helps identify, evaluate, monitor, and enhance the security of your data, strengthening your overall data security posture.

The assessment identifies currents challenges and risks to your structured and unstructured data and provides key recommendations to closing those gaps in a security assessment report. The assessment is performed within a 2-weeks period to ensure a rapid yet comprehensive analysis of:

✓ **Data security** maturity assessment
✓ **Data protection** risks review
✓ **Data security controls mapping** against the data lifecycle
✓ **Continuous compliance checks** for PCI DSS, HIPAA, CIS Benchmarks, NIST CSF/800-53 and more
✓ **Data Encryption:** Encryption of EBS volumes, S3 buckets, WS Certificate Manager
✓ **Identity & Access Management** to review who has access to your data

Rapid assessment format and deliverables

The assessment is delivered remotely with virtual interactive sessions combined with automated analysis facilitated and reviewed by data security experts for contextualized and tailored recommendations. A typical rapid data security assessment is completed **within 2 weeks** to conduct the interviews, document findings and deliver executive session and recommendations

What to expect?

IBM collects information about the cloud environment and architecture to prepare for the assessment.

You will need to provide macro-level architectures and provide read-only access to your in-scope AWS accounts and activate the flow logs.

Note: the assessment does not make any changes to your environments and will be limited for analysis to generate recommendations

Key benefits

- Comprehensive view of where your data is stored, who has access to it, and how it is being used, to help you achieve security and compliance and reduce financial liabilities

- Ensure better data quality and integrity by establishing better governance over your data, through data classification, robust access controls, and data lifecycle management

- Align data compliance policies to industry standards, AWS recommend best practices, CIS benchmarks, etc

- Remediation recommendations for key data security risks