MOBIUS **AWS CLOUD SECURITY ASSESSMENT**

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WHAT IS MOBIUS AWS CLOUD SECURITY ASSESSMENT

Our AWS Cloud Security Assessment provides a comprehensive review of your AWS environment against the Center for Internet Security (CIS) AWS Foundations Benchmark and other best practices. We identify vulnerabilities, misconfigurations, and gaps in controls, ensuring your cloud environment is secure, compliant, and resilient. The assessment not only highlights risks and areas for improvement, but also provides practical, prioritised recommendations to strengthen your overall security posture. Our methodology is continuously updated to stay aligned with the latest CIS updates and evolving regulatory requirements, ensuring relevance in an ever-changing landscape.

WHY MOBIUS

At Mobius, we prioritise customised digital transformation solutions. With a commitment to excellence, we serve as your strategic partner in navigating the complexities of the digital landscape.

Our team boasts extensive experience in AWS cloud security assessments, leveraging proven methodologies and consultants with top-tier certifications and international best practices expertise.

BENEFITS

- Detection of Shadow IT and unused resources that may increase cost and risk if left unmonitored.
- Improved access and identity security, highlighting issues like excessive IAM permissions, unused credentials, and missing MFA.
- Cost-risk visibility ensures that misconfigurations not only expose you to threats but also to unnecessary expenses.
- Clear view of current security posture across AWS services, with specific mapping to CIS AWS Foundations controls.
- Strengthened data protection by addressing storage risks such as publicly accessible S3 buckets or RDS databases.

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MOBIUS CONSULTING APPROACH/PHASES

We follow a tried-and-tested approach in line with your requirements and the latest CIS benchmarks.

PHASE 1: PLANNING AND DISCOVERY

- Define outcomes, explore key challenges, and review the AWS security posture.
- Align against CIS AWS Foundations Benchmark and leverage CSPM insights (e.g, Security Hub) to establish a clear baseline integration.

PHASE 2: AWS CIS BENCHMARKING CLOUD SECURITY ASSESSMENT

- Perform a configuration review across core AWS domains: IAM, S3, RDS, EFS, Logging & Monitoring, Networking/EC2.
- Identify misconfigurations and control gaps.

PHASE 3: CLOUD CONTROL ASSESSMENT

- Assess administrative and technical controls for confidentiality, integrity, and availability.
- Activities include policy analysis, control validation, and gap identification with remediation guidance data usage and sensitivity.

PHASE 4: REPORTING

- Deliver a comprehensive report with current-state insights and prioritised recommendations.
- Highlight misconfigurations, weaknesses, and threats to strengthen AWS security posture and reduce risk.

THE END RESULT

By proactively addressing common AWS misconfigurations, process weaknesses, and potential exploitation methods, and aligning with the latest CIS benchmarks across core AWS services. Mobius helps organisations reduce overall risk, strengthen protection, and gain complete visibility into activity across their cloud environment.

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