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TECHNOLOGY GROUP

AWS Cloud
ARCHITECTURE RISK ANALYSIS

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A cloud architecture risk analysis provides you with a deep and comprehensive understanding of your current state capability to secure business critical workloads and data.

Desired Outcomes

- Document and visualize through network diagrams your current state AWS environment to enable a common operational picture that you can use to communicate, evaluate, and address technical debt and security risk.

- Evaluate your current state AWS environment against the AWS multi-account strategy and AWS Security Reference Architecture (SRA) to identify opportunities to better:

  - Allocate and manage costs,

  - Control access and permissions,

  - Provide engineers with the flexibility to innovate, and

  - Secure your AWS environment.

- Evaluate your AWS cloud environment against industry frameworks such as the Center for Internet Security Critical Security Controls and NIST Cyber Security Framework to identify and address gaps relying on appropriate preventive and detective guardrails.

- Rationalize your security architecture and solutions and optimize capital and operating expenses while improving or sustaining your security posture.

Deliverables

- Executive overview in narrative format that provides an overview of your current state along with relevant risks and recommendations.

- Comprehensive report that reflects an evaluation of the current state architecture along with risk-based recommendations to enhance or optimize your AWS platform and workloads.

- As-built diagrams of your current state AWS environment that reflect AWS services and third-party components (as applicable) that comprise each AWS member and shared services account.

- Optional external and internal cloud penetration test.

SOLUTION
BRIEF

About our
Cloud Security Practice

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Security, Privacy & Compliance for the Enterprise Cloud
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Securing the Cloud is a challenge for organizations regardless of where they are within their cloud journey. The ease, power and flexibility of cloud solutions and services unfortunately contribute to a security strategy and architecture that is often limited, and simply not well-architected. But establishing and maintaining enterprise-class protection for your cloud is achievable. Cloud providers, like AWS, provide guidelines, frameworks and best practices as a foundation for cloud security but it is vital to implement the right mix to programmatically fit security into your business.

At Aligned, Security is in our soul. Our team has years of hands-on, operational experience in both the public and private sector developing and implementing world-class cybersecurity strategies and operationalizing the processes, methods and solutions to bring this protection into reality. In fact, our superpower is Cloud Security for infrastructure, applications and services. Aligned's security experts will help you implement, adopt and operationalize the cloud strategies, frameworks and best practices that are right for your environment and business requirements.

Ultimately we guide you to securely deliver cloud infrastructure, applications and services to meet your security, privacy and compliance objectives and requirements.

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