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Enhancing Cloud Security and Compliance through Integrated GRC and IAM Frameworks

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As enterprises increasingly adopt cloud technologies, the integration of robust Governance, Risk Management, and Compliance (GRC) with Identity and Access Management (IAM) becomes crucial to safeguard sensitive data and ensure regulatory compliance. With over eight years of experience as a Cloud IAM Engineer specializing in Microsoft Azure, my expertise lies in deploying secure, scalable, and compliant cloud solutions.

This presentation will outline effective strategies for integrating GRC frameworks with IAM protocols within cloud architectures, emphasizing tools and techniques that enhance security without compromising flexibility or scalability. I will explore the challenges and solutions associated with migrating to cloud environments while maintaining compliance with rigorous standards such as FedRAMP, SOC 2, and PCI-DSS.

Key Takeaways will Include

- Strategies for designing and implementing secure cloud architectures that comply with complex regulatory requirements.
- Insights into leveraging automation for GRC tasks to ensure consistent application of security measures across cloud resources.
- Best practices for deploying Azure Active Directory and Azure RBAC to manage identities and access controls efficiently.

Attendees will gain practical knowledge on optimizing their cloud security frameworks, ensuring that their cloud deployments are both robust and compliant with current and future regulations.