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## Dynamic Cloud Framework with Custom Policy Provisioning

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Abstract: Businesses lacking technical teams face significant hurdles in cloud migration, particularly with security. Static permission models often lead to resource misuse. Attribute-Based Access Control (ABAC) offers a more granular, dynamic solution. This paper presents a literature review of current cloud security models, focusing on ABAC, automated policy provisioning, and cloud auditing. The review synthesizes findings from recent papers on AWS IAM, S3 bucket security, and infrastructure automation. The key finding is a significant gap in the literature: a lack of integrated frameworks that translate high-level, client-centric business requirements into automated, dynamic security policies in cloud environments. This survey highlights the need for a practical methodology, such as one using AWS IAM Identity Center attributes, to bridge this gap.

**Keywords**: Attribute-Based Access Control (ABAC), Cloud Security, AWS, IAM Identity Center, Policy Provisioning, Automation, Zero Trust, Least Privilege







