

MEMORANDUM

To: Cloud Compliance Stakeholders

From: Sophia Mitchell

Subject: Cloud Compliance Gap Summary – AWS Environment

Date: 5/30/2025

This memo outlines key gaps found during a NIST CSF-based review of our AWS environment:

Top Issues

1. IAM users without MFA
2. Privileged account activities not fully logged
3. No data classification strategy for S3 storage

Next Steps

- Enforce MFA for all IAM users
- Enable CloudTrail logging and monitoring
- Draft and apply data classification policies to all S3 buckets

Artifacts attached:

- Gap Analysis
- Remediation Slide
- Sample Policy Draft
- Screenshot of mock AWS environment

Regards,

Sophia Mitchell

Cloud Risk & Compliance Analyst (Portfolio Project)