



A financial services organization automates security and reporting

CHALLENGE

A large financial services organization's information security team intended to transition from manual processes, which involved considerable processing and wait times for requestors, to on-demand automation and self service to facilitate app teams' cloud migration.

APPROACH

Informed by client workshops, Deloitte's solution architects and engineers designed a cloud-first automation and reporting capability and using an agile delivery methodology.

OUTCOME

More than 90% of their infrastructure security has been automated. Additionally, the team can create new production ready environments with supporting cybersecurity guardrails in less than 3 hours, streamlining operational processes and reducing costs.

Our client, a large financial services organization, was looking to streamline their operations and improve their security posture. Through a series of workshops, Deloitte identified the client's requirements and use cases that informed the automation and reporting capabilities which Deloitte's architects and engineers built using an agile methodology.

Security automation capabilities implemented a cloud-first and serverless application model, leveraging a combination of automated tooling and security specialists. Continuous monitoring also aggregated Amazon Web Services (AWS) resource logs across network, host, and application programming interface (API) layers to analyze and triage security events. Deloitte designed alert pipelines to

view, analyze, and remediate operational workflows. These capabilities also enabled routine scanning of AWS infrastructure resources for known software vulnerabilities, and newly added resources are automatically discovered and available for scanning. AWS metadata for scanned AWS infrastructure is available as part of scan results to better enable more effective reporting and decision making.

