

Client Success Story

Large Banking company in NA

Leading bank in North America consolidates cloud security operations

AWS controls help a major bank address security and operations gaps.

Customer Challenge

A lack of confidence in the security of its complex multi-cloud environment led to this major North American bank's reluctance to accelerate and grow its business. To overcome this negative impact, the bank needed to better understand the exposure to additional risk surrounding its cloud ecosystem, as well as the increasing costs of breaches, disruptions and outages.

AWS + Cognizant Solution

Cognizant assessed the bank's security posture to identify blind spots and address the gaps in its cloud infrastructure while simultaneously running security operations as a single provider. Leveraging its partnership with Amazon Web Services (AWS), Cognizant deployed unique AWS controls to address gaps in the bank's security posture and operations.

Based on its assessment, Cognizant recommended a holistic approach to cloud security operations. Implementing cloud-native controls as well as best-of-breed third-party solutions would comprehensively secure the bank's IT assets, including both infrastructure and applications. Following this implementation, Cognizant would continue to manage the bank's security operations in entirety, with responsibility for governing the bank's overall IT security posture.

Architectural Attributes

Implementing AWS throughout the solution addressed the bank's security gaps. Cognizant reviewed and leveraged AWS Network Security Controls, including VPNs, security groups and NACLs to control traffic in and out of various networks and toward instance destinations. GuardDuty threat detection services continuously monitor the client's environment for malicious activity and unauthorized behavior, as well as protect its accounts, workloads and data stores. AWS Web Application Firewall prevents potential outages or exploits that could affect availability, compromise security or consume critical resources.

Outcomes

This cloud security operations project involved assessment, implementation and ongoing management, and provided the bank greater visibility into and control of its infrastructure and application assets. Cognizant improved the security posture of the client's cloud environment and reduced its risk and the costs associated with breaches, outages and business disruption. Acting as a single service provider, Cognizant helped the bank streamline management and security operations while improving accountability.

About the Partner

Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. We engineer modern businesses to improve everyday life. Our unique industry-based, consultative approach helps clients transform technology, reimagine processes and transform experiences, ensuring businesses remain agile, relevant and ready to run more innovative and efficient enterprises.

With AWS as our partner, we focus on the outcomes that matter most to businesses and underpin our solutions with deep industry experience and market-leading IP. Cognizant's more than 6,000 AWS-certified professionals, dedicated AWS-certified consultants in 43 countries, hundreds of customer launches and successes, and more than 70 transformational blueprints help drive innovation beyond cloud migration.

As a premier consulting partner, Cognizant hold numerous AWS competencies, including AWS Mainframe Migration, AWS SAP, AWS Migration, AWS Financial Services, AWS Healthcare and AWS Life Sciences. Partner programs include AWS Well Architected, AWS Managed Service Provider, AWS Marketplace Seller, AWS Solution Provider Program and AWS Public Sector Solution Provider.

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