Global Financial Organization Case Study

Overview

A global financial organization relocated its IT services to co-location facilities and, as part of that transition, implemented Zero Trust solutions to enhance its cybersecurity posture. A critical component of this effort was the deployment of micro-segmentation to control east-west traffic within mission-critical networks. This initiative aligned with the organization's Zero Trust strategy to strengthen security and minimize risks.

Business Challenges

During the migration, the organization faced several key challenges:

- **Ensuring Secure Micro-Segmentation** – The organization needed a structured approach to implement granular security controls across applications to support Zero Trust.

- **Validating the Effectiveness of the Solution** – Before full deployment, a proof of value (PoV) was required to assess whether the proposed approach met security and operational requirements.

- **Streamlining Policy Management** – Efficiently managing policy enforcement, ranking, and compliance reporting was essential for maintaining security and operational efficiency.

Solutions

To address these challenges, the organization engaged InterVision and BTA through a strategic partnership with Cisco. The engagement followed BTA's SIMPLE methodology, a structured framework for cybersecurity deployment:

- **Start** – Identified and engaged key stakeholders while gathering critical business and technical requirements.
- **Immerse** – Educated the customer's team on micro-segmentation and Zero Trust strategies through interactive sessions. Defined key success criteria.
- **Map** – Designed and documented the micro-segmentation architecture.
- **Prove** – Conducted a proof of value (PoV) to demonstrate the functionality and effectiveness of the solution.
- **Launch** – Deployed the approved solution into the customer's environment.
- **Evolve** – Continued to refine policies, optimize security configurations, and enhance compliance reporting.

Technology Implementation

- **Cisco Secure Workload:** Enabled application micro-segmentation to control east-west traffic and strengthen security controls.

- **BTA's Architect Explorer™**: Streamlined policy ranking, review, lifecycle management, and compliance reporting to improve governance.

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Business Outcomes

- **Successful Zero Trust Implementation** – The organization established a stronger security posture with micro-segmentation aligned to Zero Trust principles.

- **Faster Policy Enforcement** – Policy analysis and enforcement timelines were reduced from months to weeks.

- **Improved Audit and Compliance Efficiency** – Dashboards and ad-hoc reporting reduced audit and user time by up to 70%, increasing operational efficiency.

- **Enterprise-Wide Deployment** – Following the successful proof of value, the solution was deployed across the organization's IT environment.

By leveraging **Cisco Secure Workload** and **BTA's Architect Explorer™**, the organization successfully optimized security policy management and enhanced its **cybersecurity maturity** while ensuring a **seamless migration to co-location facilities.**

About BTA

BTA simplifies complex technology implementation. As a Cisco Digital System Integrator (DSI) Partner, they've helped 500+ North American enterprises transition to SDN with Cisco ACI.

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