

HEXAWARE

Fortifying Cloud Security with Micro- Segmentation

Journey to Enhanced Network Safety

Case study



Client

| Client

Challenge

Solution

Benefits

Summary

Our customer, a prominent player in the global beverage industry, is known for their diverse range of alcoholic and non-alcoholic products. They offer a vast portfolio of beverage brands and manage a presence in numerous countries. With a strong commitment to quality and sustainability, they have strategically expanded their market reach through mergers and acquisitions while embracing an innovative corporate culture. Adapting to evolving consumer preferences and market dynamics, our customer leads the industry.



Challenge

- Client
- Challenge**
- Solution
- Benefits
- Summary

Our customer, operating a multitude of business applications hosted on Azure cloud, confronted a significant security challenge. These applications were set up on a flat architecture, lacking internal network segmentation. This design posed a serious risk of lateral movement for potential threat actors once they had breached the perimeter.



Solution

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In response to the pressing challenges, Hexaware initiated a comprehensive security transformation. The solution entailed the following key steps:

- **Assessment on Foundation of Zero Trust:** Hexaware conducted an in-depth assessment based on the principles of Zero Trust for one of our customer's critical applications.
- **Micro-Segmentation Security Posture Assessment:** An extensive micro-segmentation security posture assessment was conducted. This evaluation served as the foundation for the subsequent solution.
- **Recommendations for Secure East-West Movement:** Hexaware recommended strategies to secure east-west movement within the network, effectively reducing the attack surface and mitigating the risk of lateral movement.
- **Access Rule and Path Best Practices:** Hexaware proposed best practices concerning access rules and pathways for application access, ensuring a more secure and efficient environment.



Benefits

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The implementation of Hexaware's solution yielded significant benefits for our customer:

- **Enabling Secure Application Access:** By implementing micro-segmentation, our customer drastically improved its security posture, effectively safeguarding against lateral movement and enhancing cloud security..
- **Compliance Alignment:** The transformation simplified compliance with key regulations, including PCI-DSS and GDPR, ensuring our customer's adherence to industry standards.
- **Reduced Attack Surface:** Hexaware's solution significantly reduced the attack surface, preventing malware from migrating beyond the initial attack perimeter. This reduction in the attack surface led to a significant reduction in dwell time and enhanced security.



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In summary, our partnership with the customer illustrates the transformative potential of innovative security solutions. By implementing micro-segmentation and adhering to the Zero Trust framework, we improved security, simplified compliance, and significantly reduced the attack surface. This case study is a powerful example of enhancing security, meeting regulatory standards, and minimizing risks in today's dynamic digital environment.



About Hexaware

Hexaware is a global technology and business process services company. Our 27,000 Hexawarians wake up every day with a singular purpose; to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With 40+ offices in 19 countries, we empower enterprises worldwide to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at www.hexaware.com.

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