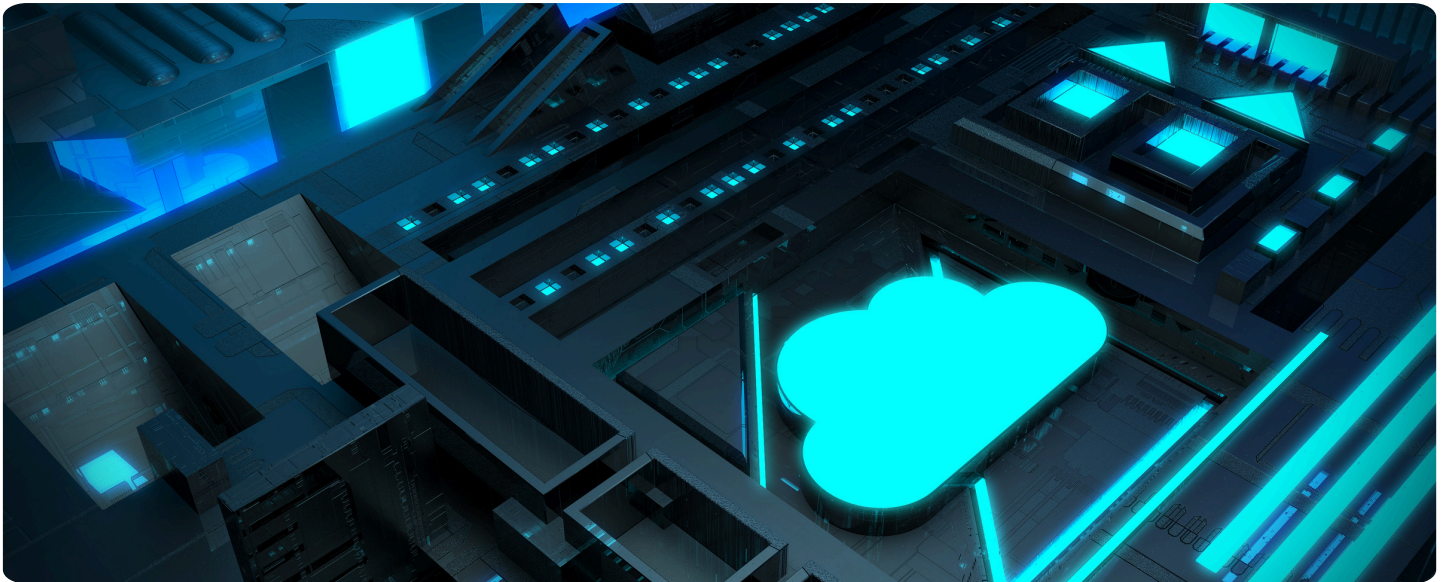# AHANA HELPS MAJOR IT PRODUCT COMPANY TO ACHIEVE 99.99% UPTIME AND ENHANCE SECURITY BY 80% WITH AWS & AZURE SOLUTIONS

As businesses increasingly depend on cloud platforms to host critical applications like ERP and Salesforce, securing these environments becomes essential to avoid operational disruptions. Migrating to trusted platforms such as AWS and Azure offers a way to enhance both security and efficiency. This case study explores how Ahana helped a client facing security threats move their applications to AWS and Azure, resulting in significant improvements in security, uptime, and overall operational efficiency.

Client Profile

Our client is an IT consulting firm that specializes in providing ERP solutions and custom software development. They focus on delivering tailored solutions that meet the unique needs of businesses across various industries.

Challenges

Our client was hosting 4 to 6 core business applications, including ERP and Salesforce, on a third-party cloud provider. Unfortunately, the environment faced numerous cyberattacks, jeopardizing their business operations. With security becoming a concern, the client decided to migrate all applications to AWS and Azure, seeking an architecture that would prioritize security while maintaining operational continuity. The key challenge was to transition the infrastructure to a more secure and scalable environment, without compromising the availability of critical business applications.

Ahana's Solution

Ahana collaborated closely with the client's team and prioritized a visit to their location to assess the current environment and understand the impact of the existing setup. This hands-on approach enabled us to tailor our solutions to meet the customer's specific needs while adhering to industry standards.

- **Phase 1:** Conduct a thorough assessment of the existing architecture, followed by segmentation and re-architecture proposals for the customer.
- **Phase 2:** Deploy all applications across separate AWS and Azure accounts utilizing Terraform for efficient infrastructure management.
- **Phase 3:** Implement 24/7 monitoring of all accounts using Manage Engine Site to ensure optimal performance.
- **Phase 4:** Facilitate knowledge transfer and complete the handover to the customer, ensuring they are fully equipped to manage their new environment.

The Impact

The implementation of Ahana's solution resulted in improvements across key areas:

- **Security:** The client's security posture improved by over **80%**, as the new infrastructure adhered to AWS, Azure, and Ahana's security recommendations. This robust security framework drastically reduced the risk of cyberattacks, providing the client with peace of mind.

- **Operational Efficiency:** Operational efficiency saw a remarkable **90%** increase, with the system maintaining an impressive **99.999%** uptime. The ability to scale capacity according to seasonal demand played a crucial role in supporting the client's core business activities without interruption.

- **Monitoring:** The introduction of Site 24/7 monitoring led to a substantial decrease in infrastructure incidents and outages, ensuring smoother operations and reducing the need for constant manual oversight.

Conclusion

As more organizations migrate their business-critical applications to cloud platforms, ensuring robust security and operational efficiency becomes vital. Ahana's collaboration with the client demonstrates the value of a strategic, phased approach to cloud migration. With continuous monitoring and a scalable infrastructure, the client is now better equipped to meet the demands of their growing business.

About Ahana Systems and Solutions

Ahana Systems & Solutions is a leading IT Infrastructure Management Services and Digital Transformation company based in Bengaluru, India. Our expertise extends to a wide range of solutions, including Cloud, RPA, DB & EDW, BI & Analytics, and Application Development. Our 100+ roster of clients relies on us for our deep domain expertise, skilled resource base, and proven partnership with the best technology providers.

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