

Building a Future-Proof Infrastructure: **On-prem to AWS Migration**

CASE STUDY



About Client

A leading capital asset management company



Industry

Financial Services



Service

Cloud Migration and Management

Business **Need**

The client required a robust solution to migrate its on-premises infrastructure to the cloud while ensuring high security, compliance, and operational efficiency. It needed a scalable

solution to support its growing financial services, handle complex compliance requirements, and streamline IT operations through automation.

Business **Challenges**

The company faced several challenges in its existing IT setup:

- ▶ **Inefficient Management:** Difficulty managing a sprawling on-premises infrastructure, which was costly and cumbersome.
- ▶ **Security Concerns:** High standards for compliance and security that needed to be met rigorously.
- ▶ **Scalability Issues:** Needed a solution that could quickly scale with their growing business needs without extensive manual intervention.
- ▶ **Operational Inefficiency:** Existing processes were not optimized for quick deployment or

Business **Solution**

cloudxchange.io introduced an AWS Landing Zone solution utilizing AWS Control Tower and Terraform to address these challenges:

- ▶ **Security and Compliance:** Implemented robust security measures and compliance guardrails using AWS Control Tower.
- ▶ **Scalability and Flexibility:** Implemented a scalable architecture to support the easy addition and management of new accounts and resources.
- ▶ **Automation and Efficiency:** Leveraged Terraform for Infrastructure as Code (IaC) to automate the provisioning and management of AWS resources, enhancing operational efficiency.
- ▶ **Governance and Control:** Utilized AWS Control Tower for centralized management and to enforce best practices across the AWS environment.

Tech Stack

AWS Landing Zone	For creating a secure, scalable multi-account AWS environment
Terraform	Utilized for infrastructure as code to automate cloud infrastructure management
AWS Control Tower	Used for efficiently governing multi-account environments

Project Differentiator

This project set a new standard in cloud migration by:

- ▶ **Streamlining Operations:** The automation tools reduced the need for manual intervention, thereby reducing errors and speeding up operations.
- ▶ **Enhancing Security and Compliance:** The comprehensive use of AWS services ensured that all operations met strict compliance and security standards.
- ▶ **Driving Efficiency:** Automated tools and a robust CI/CD pipeline significantly reduced operational costs and improved deployment times.

Business **Impact**

The implementation of the cloudxchange.io solution led to remarkable improvements:



Operational Efficiency:
Enhanced by 50% due to streamlined processes



Cost Reduction:
Operational costs were reduced by 30%, owing to efficient resource management & automation



Improved User Experience: Customer satisfaction improved as the client offered more reliable and faster services



Enhanced Security and Compliance: The client's security posture was significantly strengthened, meeting all regulatory requirements without fail

About **cloudxchange.io**

cloudxchange.io – An NSEIT Company, is an integrated managed services provider for multiple clouds like Amazon Web Services, Azure, Google, and Oracle Cloud. We deliver complete life cycle management services from cloud consulting,

multi-cloud aggregation, cloud back-up, cloud security, and disaster recovery to DevSecOps as a service. We leverage the best technology and provide tailored, custom-built solutions to ensure a smooth cloud transformation.

For more information, visit us at cloudxchange.io

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