Terraform Infrastructure-as-a-Code (IaaC) For Ecommerce Solution Provider

About Company

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Client is a pioneer in digital store transformation and have helped global retail innovators design and implement their own transformative digital strategies utilizing their powerful API-first, headless application infrastructure as well as a modern SaaS point of sale offering. Company provides a cloud-native Digital Store Platform to replace current in-store software and enable a modern and engaging shopping experience.

Country:

United States

Industry:

Education

Organization Size:

Medium (50-999 Employees)

Solution:

Datacenter Transformation

Products & Services:

- Azure Functions
- Azure API Management
- Azure Service Bus
- Azure App Service

Connect with IFI Techsolutions:

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Project Summary

Clients' Digital Store Platform allows the exchange of store information across the enterprise to impact sales, business operations and customer experience positively. One of their key retail customers had their cloud environment in Amazon Web Services (AWS) and weren't comfortable having this critical data on servers hosted with a key retail competitor (Amazon) so we on-boarded them to adopt Azure through a seamless transition and for a more integrated experience.
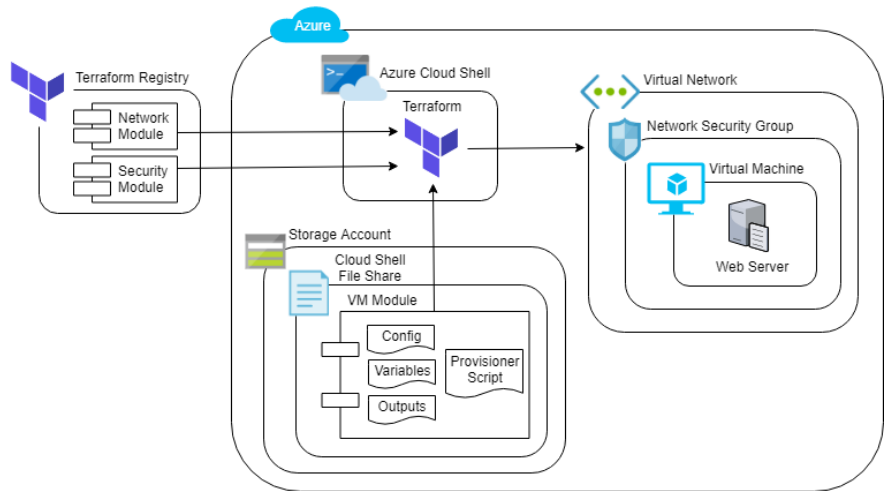
Challenge

Being a large organization who built their key product native to AWS but when a key customer would no longer agree to host their data on AWS servers, our client needed to migrate their current solutions while maintaining a multi-cloud strategy. They needed a solution which would be equally cost-effective, secure and easy to use while managing multiple environments for several customers. They also wanted to go cloud agnostic without impacting their existing solutions, system and infrastructure while maintaining their automated deployment capabilities.

Solution

With the team of our certified experts and consultants we did a complete analysis of their AWS environment and their existing automation strategy. To continue enhancing their infrastructure-as-a-code requirement along with their multi-cloud strategy requirement, we chose to use Terraform on Azure. Our team created a replica of their existing architecture in Azure and mapped native AWS services to respective services on Azure in a cloud agnostic manner. The Terraform templates streamlined their deployments

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Azure

on Azure and other cloud environments while we also helped the customer's development team to integrate with a few Azure specific services like authentication, logging etc. Being a business-critical application for the retail industry we also implemented a robust security, high-availability and disaster recovery strategy.The client team was able to reap the benefits of DevOps by implementing these services and practices into their organization.

About IFI Techsolutions

IFI Tech is a born in cloud **Microsoft Gold Partner** and a **Cloud Solutions Provider (CSP)** setup by ex-Microsoft employees to help global customers ranging from Enterprises to SMBs and Start-ups with their digital transformation journey.

- 6 Years in Business
- 310+ Projects Delivered
- 230+ Clients Transformed

- 50+ Professionals
- 2900+ Servers Migrated
- 35,000+ Consulting Hours

Here are a few ways in which we can help you:

- ✓ Free Cloud Strategy & Roadmap
- ✓ Free Azure POCs
- ✓ Free Migration Services – any Datacenter to Microsoft Azure
- ✓ 3 Months of Free 24x7 Expert MSP Services
- ✓ Free Azure Infrastructure Review & Optimization
- ✓ Free assessment of identifying workloads to move to Azure

Next Steps

- Connect with us

For more information about Datacenter Transformation, go to:
https://ifi.tech/Solutions/datacenter-transformation/

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