Group 2 - Project Proposal

Venkata Sai Ramesh Seerapu - 8866409

Jaishaanth Suresh - 8869335

Goutham Reddy Baddam - 8866228

Nikita Dhingra - 8869184

Mehul Jain - 8869312

**Table of Contents**

Problem Statement

Infinity Premium Sports is a well-known distributor with a focus majorly on sports gear with a perspective to assist the world of competitive sports, especially events like the Olympics, by ensuring that players and sports enthusiasts throughout the world have access to top-notch athletic gears and goods from recognized companies like Nike, Under Armor, and Adidas and more by working directly with label brands, sports businesses, and retail independent stores to efficiently distribute their merchandise to the customers and other businesses. We operate business in six primary cities across the world as an organization with a significant worldwide presence: London (UK), Toronto (Canada), Bern (Switzerland), Lima (Peru), Los Angeles (USA), and Edinburgh (Scotland) with all the operations carried out on a virtualized environment, with number of physical servers which have served them well over the past decade but with the expansion in technology, it wants to embark its journey and take a step forward towards the cloud and upgrade its infrastructure and operation by leveraging the benefits of services, flexibility, agility, high scalability, availability, reachability across the world and a cost-effective solution.

Future State Architecture Diagram

<u>**Amazon Web Services**</u>
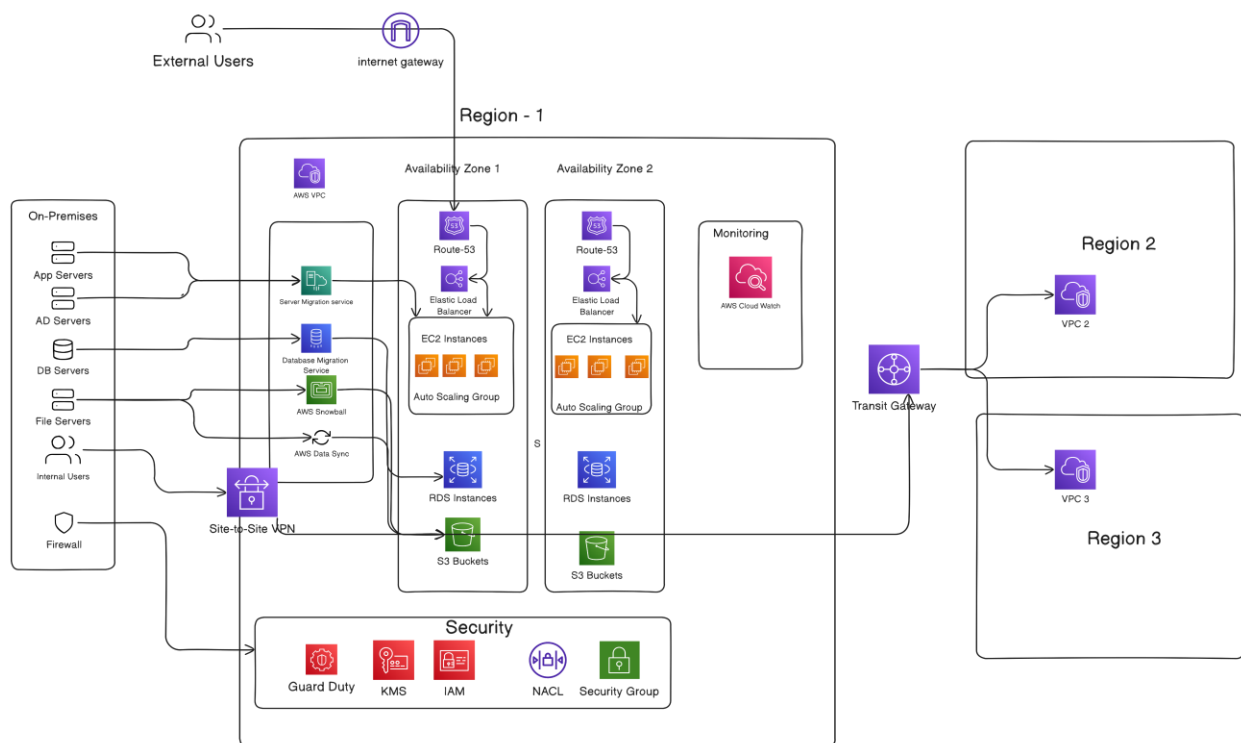
Microsoft Azure
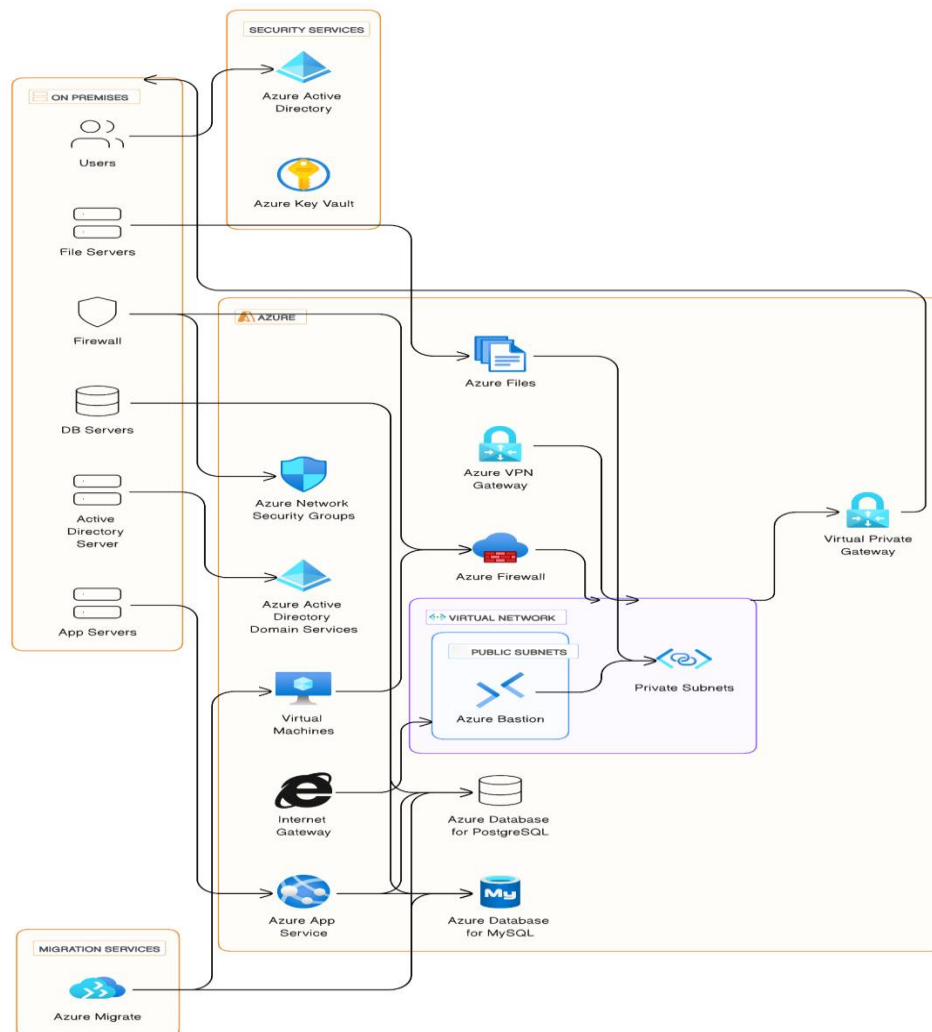
Conclusion

Azure seems to be a better fit for Infinity Premium Sports' migration strategy when comparing the two architectures. Active Directory and Azure Active Directory Domain Services, two popular Microsoft applications, are seamlessly integrated into Azure, enabling more efficient user administration and authentication. Azure also offers specialized services like Azure Files and Azure App Service, which fit the business's requirements for hosting files and running applications. Additionally, migration is made easier by Azure's inherent support for SQL Server databases and Windows-based workloads. Secure and practical connectivity is provided through the Azure Virtual Network and Azure Bastion. Azure's interoperability and numerous offerings make it a more favorable option for their migration aims, given the company's substantial use of Microsoft goods.