OYO IS ON AZURE NOW
CASE STUDY

OYO at a glance

OYO is a global platform that aims to empower entrepreneurs and small businesses with hotels and homes by providing full-stack technology products and services that aims to increase revenue and ease operations, bringing easy-to-book, affordable, and trusted accommodation to customers around the world. OYO offers 40+ integrated products and solutions to patrons who operate over 157K hotel and home storefronts in more than 35 countries, including India, Europe, and Southeast Asia.

Key highlights of the migration

1. Half a million $ of services from AWS to Azure in 2 months

2. Only 4 hours of downtime with 400 datastores cutovers

3. Migrated 600 microservices in 1.6 months

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CHALLENGES

Oyo.com, originally hosted on AwS consuming over $7.2 million, signed a MACC a year and half ago with Microsoft for strategic partnership, but were unable to complete the migration on time.

SOLUTIONS

G7 CR was considered as an alternative partner for migration from AwS to Azure. & it created an extra-ordinary milestone by completing the migration in just 2 months. Now Oyo.com is completely on Azure.

Service Type	AwS [Source]	Azure [Target]
Compute Options	EC2, ECR, Lambda	Azure VMs/ Self hosted Kubernetes moving to AKS on Azure, Azure Container Registry, Azure Functions
Storage Options	S3, EBS & File Storage	Blob, Disk & Azure Files
Data Store	RDS [PostgreSQL, Aurora PostgreSQL, MariaDB, MySQL, SQL Server] ElasticCache, Opensearch, Dynamo DB	Azure Managed Database [PostgreSQL, Aurora PostgreSQL, MariaDB, MySQL, SQL Server], Redis Cache, Elastic Search, Cosmos DB
Integration Service	Amazon MQ; MSK	Service Bus, Confluent Kafka
Analytics	Redshift, EMR	Azure Synapse, Databricks
AI/ML & Cognitive Services	Amazon SageMaker, Personalize, Rekognition	ML Studio, Azure Personalizer, Computer Vision/face API
Third Party	Palo Alto, SES	Palo Alto, SendGrid
Networking Options	Load Balancer, VPC, CloudFront, Route 53	Load balancer, Virtual Network, CDN, Traffic Manager
Monitoring & Governance	CloudWatch, Config, Cost Explorer, DMS	Azure Monitor, Policies, Cost Management, DMS
Security	GuardDuty, Secrets Manager	Defender, Azure Key Vault

BENEFITS

Outcome

G7 CR made stupendous effort and delivered the project two months prior to expected delivery time.