

# Azure Migration & Modernization Engagement



# Why Customers Move from AWS / GCP / OCI to Azure

- Unified identity & security with Microsoft Entra & Defender
- Cost optimization via Azure Hybrid Benefit & Reservations
- Deep integration with Microsoft 365, Dynamics 365, Power Platform
- Azure Arc for multicloud governance



# Technical Discovery: Compute & Containers

- Inventory EC2 / GCE / OCI Compute: sizing, OS, dependencies
- Identify container workloads: EKS → AKS, GKE → AKS, OKE → AKS
- Evaluate VM families → Azure VM SKU mapping
- Analyze autoscaling, load balancing, node pools



# Technical Discovery: Networking & Connectivity

- VPC → VNet architecture mapping
- Transit Gateway / VPC Peering → Azure Virtual WAN / Peering
- Firewall comparisons: AWS/GCP/OCI → Azure Firewall
- ExpressRoute / VPN design for hybrid connectivity



# Technical Discovery: Identity & Access

- IAM/IAP → Microsoft Entra ID roles & RBAC mapping
- Conditional Access & MFA improvements
- Privileged access review for migration scenarios



# Technical Discovery: Databases

- RDS → Azure SQL / PostgreSQL / MySQL
- Aurora → Azure SQL Hyperscale
- BigQuery → Azure Synapse / Fabric Warehouse
- OCI Autonomous DB → Azure SQL MI



# Technical Discovery: Storage & Data

- S3 → Azure Blob
- GCS → Azure Blob
- OCI Object Storage → Azure Blob
- Data transfer considerations & tooling



# Azure Migration Tooling

- Azure Migrate: server, database, web app assessments
- Database Migration Service
- Azure Data Box for large-scale transfers
- Landing Zone Accelerator automation



# Cloud Adoption Framework Alignment

- Govern: Policy, Blueprint, RBAC design
- Secure: Defender for Cloud baseline
- Manage: Monitor, Log Analytics, Update Mgmt
- Ready: Landing Zone readiness assessment



# Risk Review & Mitigation

- Identity misalignment
- Networking incompatibilities
- Unsupported services requiring redesign
- Data transfer latency or bandwidth constraints



# Migration Roadmap

- Wave 0: Landing Zone Readiness
- Wave 1: Low-risk workloads
- Wave 2: Business-critical apps
- Wave 3: Modernization & optimization



# Next Steps

- Schedule your assessment
- Begin pilot migration

