AWS to Azure Migration with A2Z™

Nous A2Z™ is a full stack migration accelerator tool to migrate network, storage, database, virtual machines, and workloads from AWS to Azure.

Storage
Discover S3 buckets and migrate data to Azure Blob with durability and availability

Database
Discover RDS database instances in an AWS account and migrate to Azure database

Virtual Machines (VMs)
Discover EC2 instances on AWS and migrate to Azure VMs

Network
Discover network resources of a deployment in an AWS account, transform and provision them into an Azure subscription

Workloads
Discover workloads on AWS EC2 instances or ECR and migrate to Azure Kubernetes

A2Z™ Features

- Customizable recommendations to fit to requirements
- User-friendly GUI based tool
- Cloud economics assessment for TCO estimations to compare AWS vs. Azure environments
- Granular control to discover, assess, and migrate resources

A2Z™ Benefits

- Significantly reduced migration risks, costs, and complexities
- Decreased migration project deployment timelines
- Accelerated value realization
- Optimized cloud consumption
- Productivity gains

Scan this QR code to view Nous' Proof of Concept engagement with A2Z™ on Azure Marketplace

CLOUD ECONOMICS ASSESSMENT

The AWS resources discovered by A2Z™ are used to perform cloud economic assessment along with pricing analysis to create a baseline for building a TCO model comparing current AWS spend vs. projected Azure spend for the corresponding workloads.

Engagement Plan

Week 1

- Discovery of AWS resources using A2Z™ tool
- Cloud economic assessment - AWS to Azure
- Define AWS resource migration scope* based on application workloads and use cases. This can include
  - Network resources
  - Amazon RDS instances
  - S3 storage buckets

Week 2

- Using the A2Z™ tool, migrate the selected workloads and use cases to Azure
- Verify and validate dependencies, configuration settings, and integrations in Azure
- Implement Azure CAF (Cloud Adoption Framework) governance best practices

Week 3

- Validate and compare migrated workloads in Azure for performance, security, and compliance
- Demonstrate identified workload(s) to be fully functional in customer's Azure account
- Implementation roadmap and best practices for full migration from AWS to Azure
- Azure CAF governance workshop

*POC workload selection is limited to 3 AWS RDS instances capped at 500 GB, 5 AWS S3 storage buckets capped at 50 GB, and unlimited network resource migration.

Deliverables

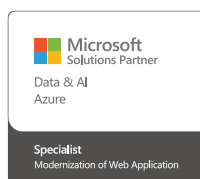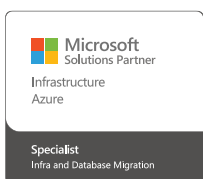- Cloud economic assessment for AWS to Azure migration
- Azure CAF governance workshop
- Selected AWS workload(s) fully migrated to customer's Azure account
- Implementation roadmap/proposal for full migration from AWS to Azure

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