

Data Center Migration (Lift and Shift) to Azure: 6-Week Proof of Concept

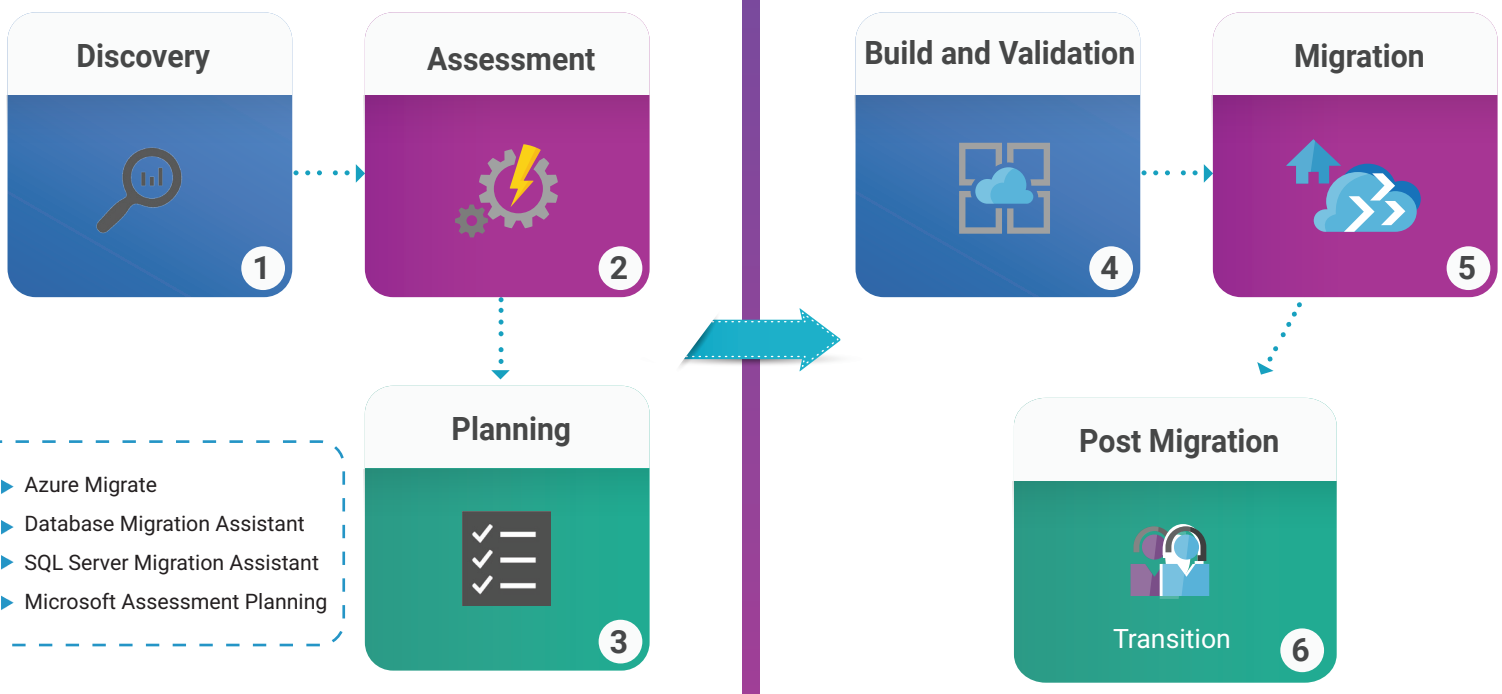
Nous Data Center Migration (Lift and Shift) to Azure program will demonstrate the benefits of migrating selected workloads to Azure Virtual Machines (VM). It will enable your organization's modernization to Azure cloud via assessment, plan, and blueprint helping ensure a successful migration to the cloud.

Solution Overview

VMware, Hyper-V, Physical Machines, and Other Public Clouds

Prep Phase

Build Phase



- ▶ Azure Migrate
- ▶ Database Migration Assistant
- ▶ SQL Server Migration Assistant
- ▶ Microsoft Assessment Planning



Cost Optimization and Right Sizing

Microsoft Solutions Partner
Infrastructure Azure
Specialist
Infra and Database Migration

Microsoft Solutions Partner
Data & AI Azure
Specialist
AI and Machine Learning
Infra and Database Migration
Migrate Enterprise Applications to Microsoft Azure

Microsoft Solutions Partner
Digital & App Innovation Azure
Specialist
AI and Machine Learning
Migrate Enterprise Applications to Microsoft Azure

Engagement Plan

Week 1

- Migration Scope and Success Criteria
- Infrastructure Discovery
- Application Discovery
- Security and Compliances Requirments
- On-premise Connectivity: VPN/Expressroute
- Infrastructure Assessment
- Application Assessment
- Discovery - Assessment Reports
- Requirements Review Meeting - Client

Week 2

- Migration Planning and Implementation Roadmap
- Backup and DisasterRecovery Architecture
- Failover and Failback Process
- Cloud Automation Template Design
- Data Sync and Replication Process
- Review Migration Plan

Week 3-4

- Azure Environment Setup
- Setup/Build Connectivity
- Setup Firewall and Security Infra
- Prepare Automation Templates
- Review: Build Infrastructure, Components, Compliance, Best Practices Implementation
- Infrastructure Testing: Components, Connectivity, Security and DR
- Define/Plan Strategy for Workload Migration to Azure
- Prepare Runbooks

Week 5

- Piloting
- Full Migration of Workload
- Data Synchronization and Replication
- Setup Backup Process
- Failover and Failback Testing with Production and Azure DR Environment
- User Acceptance Testing

Week 6

- Prepare Transition Plan
- Review Standard Operating Procedures with Customer
- Knowledge Transfer to Customer Team
- Post Implementation Training and Support

Deliverables



Assessment Report, Roadmap, and TCO analysis



Cut-over planning, Azure workloads, DR subsystem, and Validation Reports



Solution Architecture, Design, and Execution Plan



Standard Operating Procedure Runbooks, Training, and Transition



POC Implementation and Automation



Validation and Verification

USA

California

USA

New Jersey

CANADA

Toronto

GERMANY

Dresden

UK

Brentford

INDIA

Bangalore



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