

# 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.

**Microsoft Partner**

- Gold Cloud Platform
- Gold Application Development
- Gold Data Analytics
- Gold Data Platform

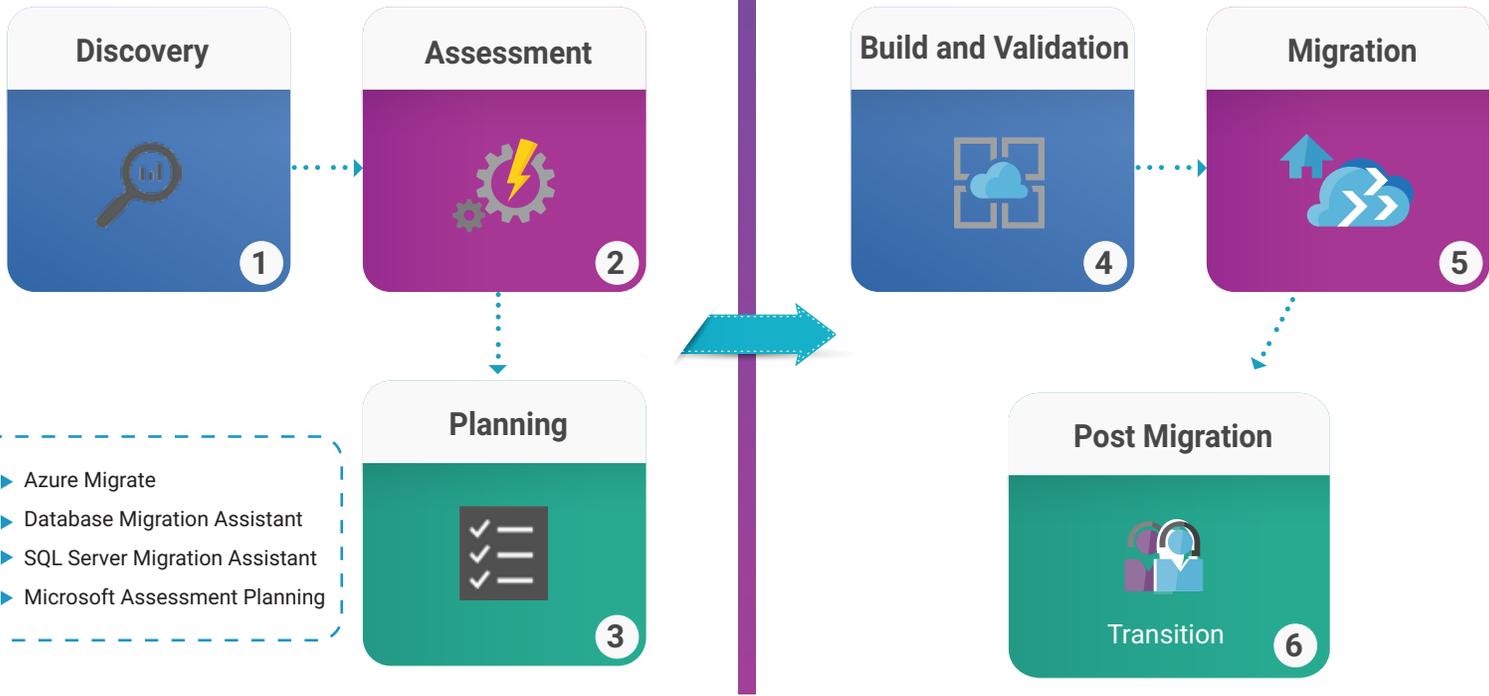


## Solution Overview

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



# Engagement Plan

## Week 1

- Migration Scope and Success Criteria
- Infrastructure Discovery
- Application Discovery
- Security and Compliances Requirements
- 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 Disaster Recovery 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  
Tel: +1 925 425 7325

 nousinfo.com  
testtree.com  
vserve247.com

### USA

New Jersey  
Tel: +1 732 985 9533

 info@nousinfo.com

### CANADA

Toronto  
Tel: +1 905 402 9943

 @nousinfosystems

### GERMANY

Mainz  
Tel: +49 6131 28910 31

### UK

Brentford  
Tel: +44 208 587 1411

 company/nous-infosystems

### INDIA

Bangalore  
Tel: +91 80 41939400