Workshop on App and Database Migration to Azure

Accelerate cloud transformation through a comprehensive assessment of your applications and databases using Azure Migrate and Database Migration Service, and get actionable migration strategies aligned with Azure Well-Architected Framework.
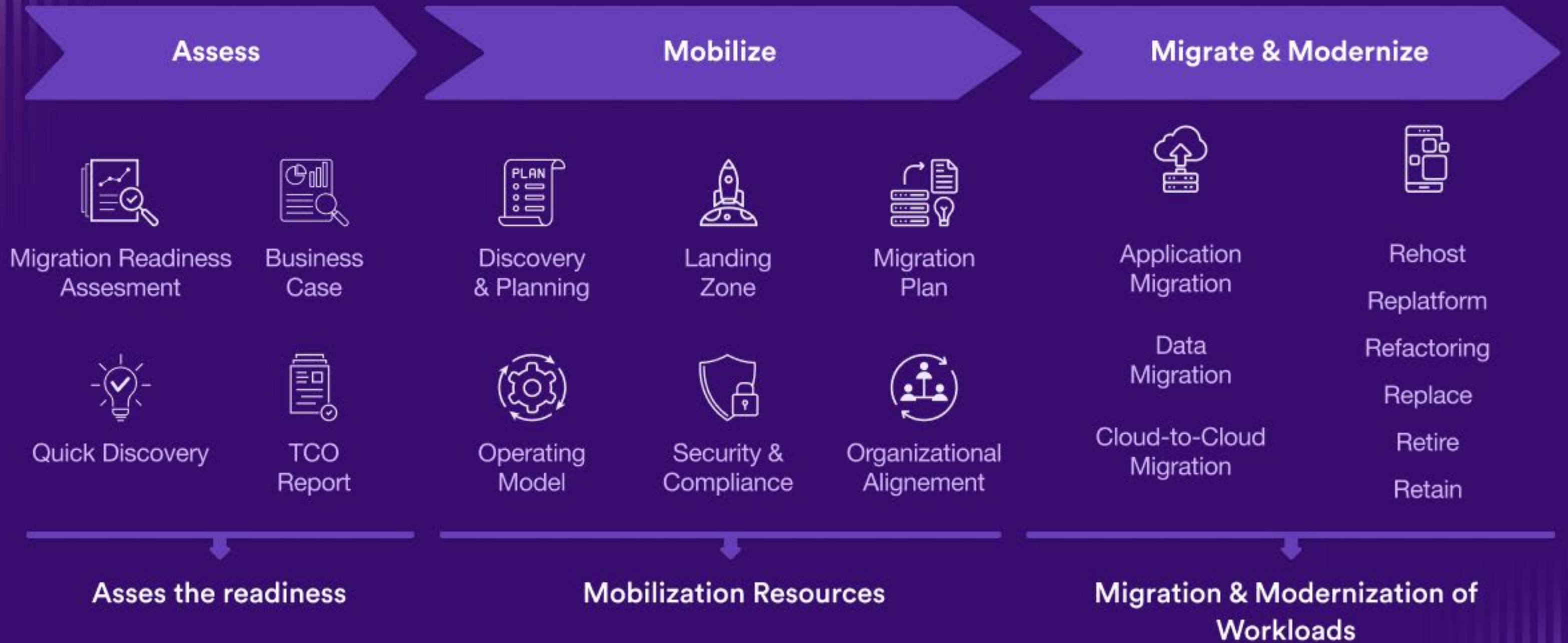
Overview summary

Organizations constrained by aging applications and databases face high maintenance costs and diminishing performance. Our Azure app and database migration experts leverage Azure's Migrate and Database Migration Service to ensure your applications and databases are planned and designed for scale, security, and automation. We implement industry best practices and strategies aligned with the Azure Well-Architected Framework.

1. **Business objective and technical goal setting:** We identify your business objectives and review current databases, applications, and interdependencies to determine migration strategies.

2. **Azure readiness assessment:** We utilize Azure's Migrate and DMS to evaluate your current apps, databases, and dependencies to overcome sizing, security, and compliance issues.

3. **Azure cloud service selection:** We help you select relevant Azure cloud service (Azure App Service, SQL Database, Kubernetes Service, or Virtual Machines) based on workload and scalability requirements.

4. **Azure cloud environment configuration:** We set up resources like Azure Virtual Networks, Storage Accounts, Azure SQL Database or Azure App Service to configure your Azure environment.

5. **Migration cost estimation:** We make accurate cost projections and quantify migration-related expenses using Azure Pricing Calculator.

6. **Migration planning:** We analyze apps to determine migration strategy (refactor, rehost, etc.) and build a roadmap comprising workload assessment, relevant Azure services, timelines, and testing strategies.

Key Deliverables

- Comprehensive report aligning migration objectives with business requirements, along with pricing estimates for the proposed architecture

- Validation reports containing application performance, database integrity, and system stability in the Azure environment

- Phased plan outlining migration stages, risks, and dependencies

- Recommendations for leveraging Azure Monitor, Security Center, and other tools for ongoing performance and cost efficiency

Migration & Modernization Customer Journey

SIMFORM

Assess	Mobilize	Migrate & Modernize

Migration Readiness Assesment

Business Case

Discovery & Planning

Landing Zone

Migration Plan

Application Migration

Rehost

Replatform

Quick Discovery

TCO Report

Operating Model

Security & Compliance

Organizational Alignement

Data Migration

Refactoring

Replace

Cloud-to-Cloud Migration

Retire

Retain

Asses the readiness

Mobilization Resources

Migration & Modernization of Workloads

Benefits of working with Simform for Azure

SIMFORM

Azure-certified engineers

Our team boasts 75+ Azure-certified engineers and 250+ Microsoft developers —cloud architects, developers, DevOps engineers, and more—meticulously aligned with your cloud requirements.

Recognized Azure expertise

Simform excels in Generative AI on Azure, Azure migration and modernization, data science and ML, analytics, and Azure managed services. We help identify and implement the right Azure services to address complex business challenges.

Future-proof methodologies

Our focus on Cloud-native/MACH architectures and cutting-edge Gen AI and ML ensures your solutions are always ahead of the curve. We adhere to well-architected frameworks, implement IaC best practices, and use tailored SRE practices.

Quality and governance

We integrate robust governance for complex multi-account deployments, automate security and compliance processes, and apply reliability engineering to ensure your cloud deployments meet Azure and industry standards.

End-to-end Azure services

We handle every stage of your Azure transformation, from executing migrations and designing cloud architecture to setting up landing zones, implementing strategic FinOps, and establishing automated governance systems.

Simform and Azure – Empowering digital transformation with cutting-edge AI/ML

SIMFORM

Simform specializes in Cloud/MACH architectures, DevOps, data, and AI using Azure technologies. From SaaS development to advanced AI integrations, our Azure services align with Microsoft's well-architected framework to deliver highly performant, efficient, and secure cloud solutions.

Digital Product Engineering

- Cloud native and MACH development
- Serverless API development
- Application modernization
- Advanced DevOps transformation
- API management and integrations
- PaaS integrations
- Low-code development with Power Platform

Data & AI/ML Engineering

- Data engineering and analytics
- Data platform modernization
- GenAI using Azure AI Studio
- Data science and ML
- Azure AI services PaaS

Infrastructure Engineering

- Migration assessment and implementation
- Well architected reviews
- Kubernetes and containerization
- Infrastructure as a Code
- Unified observability
- Cloud governance and FinOps
- Hybrid cloud and VDI migration

Security and Compliance Engineering

- Security posture improvement
- DevSecOps
- Compliance management
- Vulnerability assessment and penetration testing

75+ Azure-certified engineers

250+ Microsoft developers

50+ Projects delivered