Azure Application Modernization Assessment

Simform helps you determine which of your on-prem applications should be migrated to Azure, in which order, and using which modernization approach (e.g., refactor, rearchitect, rebuild) for maximum cost savings and operational agility.

Overview summary

Azure's vast ecosystem offers powerful modernization options but can lead to suboptimal choices. Simform's Azure Application Modernization Assessment identifies prime modernization candidates, optimal technologies, and architectural patterns for your objectives. Based on Azure's Well-Architected and Cloud Adoption Frameworks, we guide you in prioritizing solutions that drive business value, ensuring an efficient, cost-effective, and secure modernization journey.

Assessment Plan

Azure Application Modernization Assessment by Simform encompasses:

1. Application portfolio analysis
Get an inventory of your existing applications with documented architecture, dependencies, and risks. Stakeholder interviews help us align technical recommendations with your organization's goals and constraints.

2. Application modernization planning
We assess each application against the 5 Rs (Rehost, Refactor, Rearchitect, Rebuild, Replace) to determine the optimal modernization approach. You also get Azure-optimized reference architectures for your workloads with Azure service recommendations.

3. Cost analysis and projection
Get a comprehensive cost-benefit analysis comparing current infrastructure costs to projected Azure spending. Using Azure Cost Management and Billing tools, we also create a detailed 12-month cloud consumption forecast for deployed services.

Key Deliverables

- An initial inventory of applications and infrastructure and identified gaps

- Prioritized list of applications to modernize (e.g., three-five applications)

- A phased roadmap outlining the recommended modernization approaches, resource requirements, and timelines.

- Architecture design recommendations for modernized applications, along with the Azure services to use

- Cost-benefit analysis for up to three modernization opportunities

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

Simform has been a Microsoft Solution Partner since 2014, specializing 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 and App Innovation

- 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

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

Infrastructure

- 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

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

75+ Azure-certified engineers

250+ Microsoft developers

50+ Projects delivered