

Migrate and Modernize on Azure: Applications, Databases and Infrastructure

Customer challenges

IT professionals and business leaders face multiple challenges as they focus on accelerating digital transformation by modernizing applications and infrastructure and moving workloads to the cloud.

Common challenges include:

- Migration and modernization efforts are hindered by technical debt and legacy system complexity
- Lack of expertise to develop a migration strategy and identify which technologies and solutions align with digital transformation objectives
- The need for an adaptable and reusable migration and modernization approach, including reference architectures, solution blueprints, and integrated tools and automations
- Lack of flexibility to quickly adjust skilled IT resources to meet business needs and capacity to coordinate multiple technologies safely and securely across hybrid environments

Solution highlights

Kyndryl® offers modular services to migrate and modernize applications, databases and infrastructure on Azure using a proven, scalable methodology that closely aligns with the Microsoft® Cloud Adoption Framework for Azure.

Services include:

- Application Modernization: Use of cloud-native services and containers to rebuild, rearchitect and refactor custom applications
- Application and Workload Migration: Rehost or refactor mainframe workloads, rehost x86 platforms, or migrate AIX® workloads to Azure with Skytap®
- SAP® and Oracle®: ERP Migration assessments, application upgrades, reconfiguration, and SAP S/4HANA® adoption
- Database Modernization: Refactor and rearchitect databases on Azure including Microsoft Azure SQL, Azure SQL Managed Instance, MySQL, PostgreSQL® and MongoDB®

Customer benefits

Kyndryl's services for application, database and infrastructure modernization and migration to Azure can help manage costs and drive growth and innovation.

Benefits include:

- 1 Faster time-to-value with state-of-the-art reference architectures and automation tools
- 2 Pay-as-you-go pricing with a unique fixed cost structure
- 3 Flexible, modular services tailored to customer needs
- 4 Standard processes and methodologies that deliver repeatable results
- 5 Targeted accelerators, packages and platforms for industries like banking, insurance, telecommunications, retail, travel and transportation



Why Kyndryl and Microsoft?

About Kyndryl

Kyndryl is the world's largest provider of IT infrastructure services, serving thousands of enterprise customers in more than 60 countries. As a focused, independent company,

we're building on our foundation of excellence by bringing in the right partners, investing in our business, and working side by side with our customers to unlock their potential.

Providing undisputed leadership



6.7M mainframe installed MIPS



360K network devices managed



576 exabytes of customer data backed up annually



73K+ WAN devices managed



23M service desk contacts annually



4.1M LAN ports managed

Microsoft Advanced specializations Microsoft

- Kubernetes on Microsoft Azure
- SAP on Microsoft Azure
- Analytics on Microsoft Azure
- Microsoft Azure VMware Solution
- Microsoft Windows Virtual Desktop
- Microsoft Low Code Application Development
- Adoption and Change Management
- Meeting and Meeting Rooms for Microsoft Teams

Solutions Partner designations Microsoft

- Solutions Partner for Business Applications
- Solutions Partner for Infrastructure (Azure)
- Solutions Partner for Data & AI (Azure)
- Solutions Partner for Digital & App Innovation (Azure)
- Solutions Partner for Modern Work
- Solutions Partner for Security

Empowering thousands of enterprise customers, including:



60% of the Fortune Global 100 and more than half of the Fortune Global 500

25,000+ Microsoft certifications

Kyndryl and Microsoft advantage

Kyndryl and Microsoft provide the services and solutions to meet customers wherever they are on their cloud journey: on premises, across multiple clouds, or on the edge. With our joint expertise, we work with customers to manage complexity and modernize their operations for rapid business outcomes. We bring together deep design, delivery, management, and cloud technology expertise, supported by an expansive ecosystem, to unlock our customers' potential for long-term business impact.

Next steps

Learn more about the [Kyndryl and Microsoft alliance](#), or visit us at [kyndryl.com](#).

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