

# Database Migration and Modernization with Azure

## Customer challenges

Enterprises with diverse database environments face significant challenges when modernizing their data platforms to Azure. Complex landscapes with multiple database types (SQL Server, DB2, MySQL) and tightly coupled application dependencies require careful planning and expertise for successful migration.

Critical business applications demand near-zero downtime during migration, while high-transaction environments need sophisticated replication and cut-over strategies. The sheer volume of data, combined with strict data integrity requirements, adds another layer of complexity to the migration process.

Kyndryl addresses these challenges by providing comprehensive services to assess, migrate, and modernize databases on Azure. Our approach handles complex code compatibility issues, especially when transitioning from proprietary database features to Azure PaaS services. We help organizations optimize performance, manage costs effectively, and ensure seamless application integration while establishing robust governance frameworks in their new Azure environment.

## Solution highlights

Kyndryl helps organizations optimize, migrate, and modernize their database environments to Azure through a comprehensive suite of services. Whether you're looking to consolidate your database landscape, perform a direct migration to the cloud, assess your modernization readiness, or transform your

databases to cloud-native solutions. Our expertise ensures a seamless transition to Azure's modern database platforms.

Our database services include:

- Assessment for Database Consolidation
- Lift and Shift Migration Service
- Assessment for Modernization and Cloud Adoption
- Database Modernization and Cloud Adoption

## Customer benefits

- Transform your database infrastructure to improve performance, reduce operational costs and enable real-time analytics capabilities
- Scale your database environment dynamically with Azure's elastic services while supporting advanced technologies like AI and analytics
- Enhance business continuity through automated maintenance and robust disaster recovery options
- Strengthen security posture and compliance controls with modern database platforms
- Accelerate innovation and time-to-market with a modernized database foundation that supports agile development



# Why Kyndryl?

Kyndryl runs and transforms the systems that the world depends on every day, serving thousands of enterprises including 60% of the Fortune 500 in more than 60 countries.

## Kyndryl and Microsoft advantage

Kyndryl and Microsoft power customer progress. With the brightest minds and the right technology and services, our partnership meets our customers where they are and takes them where they want to go on their digital transformation journey.

### Providing undisputed leadership



**6.1M** mainframe installed MIPs



**270K** network devices managed



**3.5+** exabytes of customer data backed up annually



**5,200+** WAN devices managed



**14K+** SAP instances managed



**3.5M** LAN ports managed



**675K+** VMware instances managed

### Top Microsoft Designations

- Azure Expert MSP Certification
- Fast Track Partner
- Copilot Early Adopter
- Responsible AI Partner

### Microsoft Specializations Microsoft

- Analytics on Microsoft Azure
- Adoption and Change Management
- Calling for Microsoft Teams
- Cloud Security
- Custom Solutions for Microsoft Teams
- DevOps with GitHub on Microsoft Azure
- Kubernetes on Microsoft Azure
- Low Code Application Development
- Meetings and Meeting Rooms for Microsoft Teams
- Modernize Endpoints
- SAP on Microsoft Azure
- Threat Protection
- Microsoft Azure VMware Solution
- Microsoft Azure Virtual Desktop
- Teamwork Deployment

**26,000+** Microsoft Cloud Certifications

**16,500+** Unique Microsoft certified employees

**66** Countries with Microsoft Cloud certified employees

Kyndryl Consult collaborates with customers to remove barriers to innovation and enable modern management of their IT and business environments, including modern work environments, responsible AI, governance, data readiness, application development, hybrid cloud modernization on Azure, on-premise or at the edge, mainframe capability and security services.

## Next steps

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

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