pSeries Modernization to Azure

Customer challenges

Enterprises modernizing IBM Power Systems face challenges that stall progress:

- Expensive maintenance and higher refresh cycles for IBM Power Systems (pSeries)
- Skytap supports AIX/IBM i, but lacks full Azure-native modernization benefits, resulting in higher costs
- Need to replatform JAVA and IBM Middleware workloads (Websphere, MQ, DB2)
- Need to convert and tune DB2/Oracle to Azure databases

Solution highlights

Kyndryl optimizes, migrates and modernizes pSeries to Azure seamlessly with a comprehensive services suite. The dual approach includes:

- Skytap on Azure (Lift-and-Shift): Quickly migrate AIX/IBM i workloads, integrate with Azure, and preserve legacy environments seamlessly
- Modernize non-Skytap workloads by refactoring them for Azure-native capabilities: Migrate and modernize Java and Websphere applications to Websphere Liberty on Azure Kubernetes Service (AKS), transform IBM DB2 and Oracle databases to Azure

Customer benefits

1. Accelerate migration (Skytap) for immediate cloud benefits or a gradual modernization for long-term innovation

2. Streamline management with Azure-native tools and automated operations

3. Optimize resource utilization and lower costs by eliminating legacy hardware

4. Implement robust security frameworks for compliance and threat protection

5. Enable agile development with CI/CD, integrate emerging technologies like AI/ML
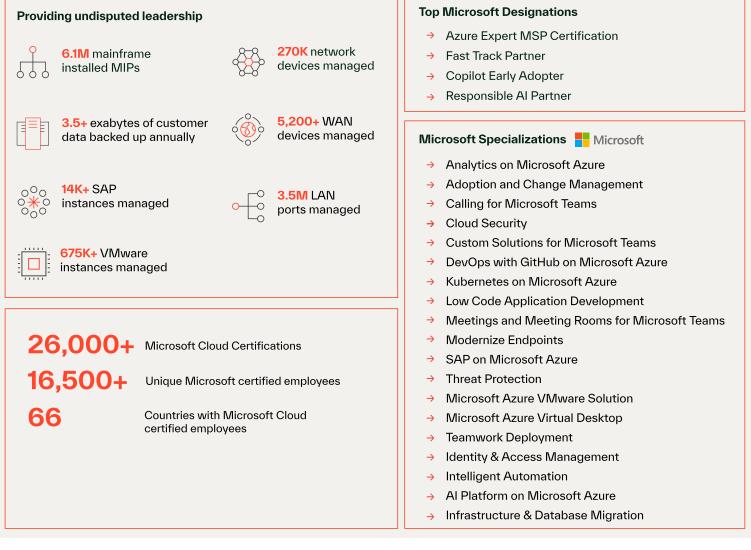
Why Kyndryl?

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

26,000+ Microsoft Cloud Certifications

16,500+ Unique Microsoft certified employees

66 Countries with Microsoft Cloud certified employees

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

→ Identity & Access Management

→ Intelligent Automation

→ AI Platform on Microsoft Azure

→ Infrastructure & Database Migration

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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kyndryl.