

kyndryl cloud uplift

Run AIX and IBM i on IBM Power in Microsoft Azure

Customer challenges:

Legacy workloads in a cloud-first world

Enterprises still rely on AIX® and IBM® i to run critical systems. However, these workloads might remain in obsolete data centers. Updating hardware puts a strain on finances, refactoring demands considerable time, and avoiding downtime is essential. This often leads to delays in innovation, while connecting with cloud-native services remains challenging.

Solution highlights

Run AIX and IBM i® on native IBM Power in Microsoft® Azure. This approach is self-service and future-ready, with no re-writes. Kyndryl Cloud Uplift (formerly Skytap) runs on native IBM Power® hardware in Microsoft Azure® — allowing lift-and-shift of unchanged LPARs.

This is a fast and security-rich path to exit data centers and modernize, often delivering savings through rightsizing and usage-based pricing. Capacity is self-service and available on demand, representing an infrastructure solution rather than a managed service.

Customer outcomes and benefits

Ready to break free from the old way of working? Here are key scenarios where Kyndryl Cloud Lift helps you stabilize now and set the stage for what's next:

- **Data center exit:** Exit costly facilities quickly and with confidence.
- **Hardware refresh avoidance:** Eliminate the need to buy another IBM Power server.
- **Modernization jump-start:** Lay the foundation for transformation by bringing modern practices to legacy systems.
- **High availability and disaster recovery:** Safeguard critical workloads with enterprise-grade resilience, simplified testing, and seamless failover.

How the migration process works

Moving legacy systems to the cloud requires a strategic plan. Here's a summary of our proven migration process steps for smooth and effective results:

- 1. Start with a cloud readiness assessment:** Quick consult that quantifies on-prem workloads and maps dependencies.
- 2. Right-size for cloud:** No need to overprovision — Azure elasticity and self-service ensure you only pay for what you use.
- 3. Get the help you need:** Don't worry about skill gaps — we bring the expertise if you don't have it in-house.
- 4. Think ahead:** Establish a long-term modernization blueprint and accelerate strategic transformation.

Why these steps matter

The benefits of modernizing and migrating to the cloud include improving transparency, efficiency, capacity to scale, and flexibility.

- **Inventory visibility:** Understand what you're migrating before making commitments.
- **Elastic efficiency:** Avoid excess hardware costs and scale dynamically.
- **Staffing flexibility:** Gain peace of mind knowing Kyndryl fills in where needed.
- **Modernization focus:** Start with lift-and-shift and integrate with AI, DevOps, and cloud-native services over time.
- **Self-service scale:** Provision Power capacity on demand — no tickets or managed service gatekeeping.

Why customers choose Kyndryl Cloud Uplift

Kyndryl Cloud Uplift delivers continuity today, transformation tomorrow, and confidence at every step of the journey.

- **Fast exit, zero disruption:** Migrate workloads to Azure without rewriting or refactoring — on your schedule, with minimal risk.
- **Helps lower costs and lift productivity:** Shift from CapEx to Opex with Azure Marketplace billing (MACC where eligible), while insulating teams from skills gaps.
- **Self-service, on-demand capacity:** Provision, scale, and retire native Power LPARs in Azure in minutes via Azure portal or API. No tickets, no waiting.
- **Built-in resilience:** Safeguard mission-critical apps with enterprise-grade HA/DR, simplified testing, and seamless failover.
- **Future-proof:** Run legacy and modern workloads side by side, with seamless access to Azure AI, analytics, and 200+ services.

Comprehensive services to meet your needs

We have 400+ active customers, with more than 184M VMs deployed, 22+ exabytes of storage and 15 global locations. No matter your stage — from leaving the data center to modernizing workloads — Kyndryl Cloud Uplift, powered by Kyndryl and Microsoft, has you covered:

- **One seamless journey:** Continuity today, transformation tomorrow, and confidence at every step.
- **Global cloud scale with Azure:** 200+ services, AI, analytics, and elastic consumption models.
- **Platform Power with Kyndryl Cloud Uplift:** Native IBM Power hardware (LPARs) in Azure with self-service, on-demand capacity.
- **Expertise and services with Kyndryl:** Significant IBM Power experience, modernization know-how, and global delivery at scale.

Why Kyndryl?

Kyndryl has deep expertise in designing, running, and managing the most modern, efficient, and reliable technology infrastructure that the world depends on every day. We are deeply committed to advancing the critical infrastructure that powers human progress. We're building on our foundation of excellence by creating systems in new ways: bringing in the right partners, investing in our business, and working side-by-side with our customers to unlock potential.

Next steps

Ready to learn more? Get started in Azure in weeks, not months. **Take the first step with a workload assessment or demo** from your Kyndryl Cloud Uplift team. From there, we'll help you map the right path forward. Visit kyndryl.com.

kyndryl.cloud uplift

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