Skytap

Skytap on Azure

Unlock cloud capabilities for traditional applications without rewriting

Traditional applications running on IBM Power Systems are stuck in the data center, unable to take advantage of the flexibility and powerful capabilities available in the cloud. By moving traditional workloads to Azure, companies can extend the capabilities of applications that are crucial to the business, ensure business continuity, and spur innovation.
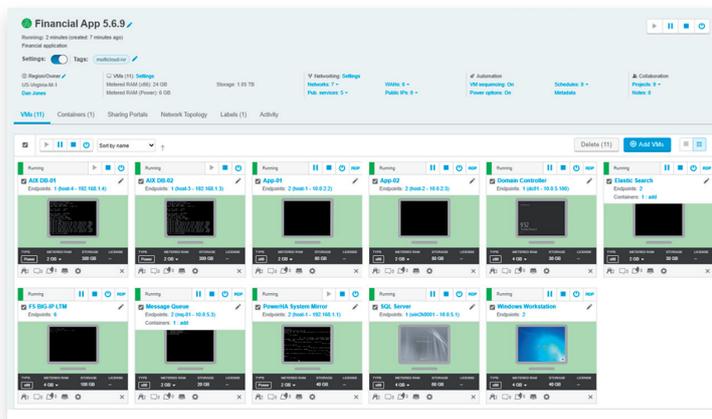
Skytap is a cloud service that natively runs traditional business-critical workloads in the cloud. With Skytap on Azure, organizations of any size that run IBM AIX, IBM i, and Linux on IBM Power Systems or traditional x86 workloads can easily move them from the data center to Azure without rewriting.

Once workloads are running in Skytap, core cloud infrastructure capabilities including capacity on-demand, self-service provisioning, and high availability make applications more broadly available, scalable, and resilient to unplanned downtime. And with Azure, developers can leverage the benefits of the cloud faster and innovate across traditional applications sooner through integration with Azure's industry-leading services.

Key Advantages

Move traditional IBM Power and x86 workloads into the cloud in their native format without having to rewrite or refactor, creating a quicker path to cloud innovation

Benefit from core cloud capabilities including capacity on demand, self-service provisioning, and high availability to make applications more broadly available, scalable, and resilient to unplanned downtime

Spur innovation and enhance applications without disrupting production

Gain low-latency connectivity to native Azure services, including Microsoft's industry-leading data analytics, machine learning, and AI capabilities to extend and augment traditional applications

Eliminate the complexity and latency of having to move and synchronize data between on-premises and the cloud by having business data reside in Azure.

Get Started

Try Skytap today! It takes just a few minutes and pay-as-you-go pricing lets you work with Skytap risk-free.

1. Provision a service

2. Create an environment

3. Start a VM

Use Cases

Production & Disaster Recovery
Run production x86, AIX, IBM i, and Linux workloads in Skytap with 99.95% availability and secure connectivity to on-premises applications. Run disaster recovery environments to meet business continuity requirements.

Application Development & Test
Increase developer productivity, test coverage, and accelerate DevOps adoption through on-demand application environments.

Virtual Software Training & Labs
Educate and train customers and sales teams with on-demand virtual training labs. Integrate easily with existing Learning Management Systems.

Demos & Proofs of Concept
Quickly and easily create functioning demos and proofs of concept that prospective customers can test drive wherever they are without the need for IT support.

Key Skytap Features

Software-defined data center (SDDC) – Skytap replicates on-premises data center environments including infrastructure, storage, networking, OS, middleware, memory state, and applications.

Support for Power and x86 workloads – Skytap is the only cloud service to support AIX, IBM i, and Linux on Power running together with x86 VMs.

Dynamic environments – Create and discard clones of production-quality environments, each of which is an SDDC that contains everything an application needs to run.

Self-service capabilities – Users can instantly access and self-provision as many production-quality environments as they need, on demand.

CI/CD – Automate, build, and deliver software environments and introduce Azure DevOps.

Broad database support – Move, run, and modernize a variety of traditional databases.

Cloud native – Skytap runs on Microsoft Azure Dedicated Host (bare metal) to accelerate use of cloud native services.

Management and control – Manage and control user roles, alerts, usage quotas, and automatic shut down or suspend/resume. Control and automate management functions with REST APIs.

Robust integration – Use popular development, automation, and other tools such as Docker and Ansible, or integrate with existing development, test, and DevOps tools via REST APIs or open source integration. View the complete list here.

Reliable, flexible global infrastructure –
»	99.95% availability SLA
»	Global reach, local presence in North America, EMEA, and APAC regions

Why Skytap?

Fast and Flexible

» Move traditional IBM Power workloads to Skytap on Azure without rewriting or refactoring.

» Eliminate capital intensive investments and maintenance agreements that keep your workloads on-premises, and maximize your investment in Azure.

» Enjoy the performance of the latest IBM Power 9 hardware, managed and backed by Azure.

» Use your existing SDLC tools and automation with Skytap's intuitive dashboard and REST APIs for easy integration

» Move at your own pace. Start with small workloads and migrate at the best pace for your business.

Azure Native

» Begin to transform your traditional workloads by moving them to Azure, and integrate them with others already running natively in Azure.

» Once your data is in Skytap, begin to enhance it and extract more value using Azure advanced analytics, AI/ML, Azure SQL, and more.

» Close the latency gap between your data center and Azure native solutions.

» Accelerate software delivery with fast self-service provisioning of heterogeneous environments.

» Only pay for the compute and storage you actively use with consumption-based pricing.

A Proven Partner

» Skytap delivers deep IBM Power and Azure expertise.

» With over 45M VMs deployed and 1.8 Exabytes of cloud storage under its belt, Skytap has the experience to help companies of any size.

» Since 2006, Skytap has helped hundreds of companies move their traditional IBM Power and x86 workloads to the cloud.

» Skytap on Azure is a collaborative solution designed with Microsoft to help IBM Power customers move to the cloud and enhance traditional applications.

» Skytap works with IBM Power ecosystem partners for migration, tools, monitoring, and HA/DR solutions.

Skytap

Skytap is a cloud service purpose-built to natively run traditional systems in the cloud. Our customers use Skytap for running production, disaster recovery, virtual training labs, and development workloads. We are the only cloud service to support AIX, IBM i, and Linux on IBM Power together with x86 workloads, enabling businesses to accelerate their journey to the cloud and increase innovation. To learn more about Skytap or schedule a demo, visit www.skytap.com .

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