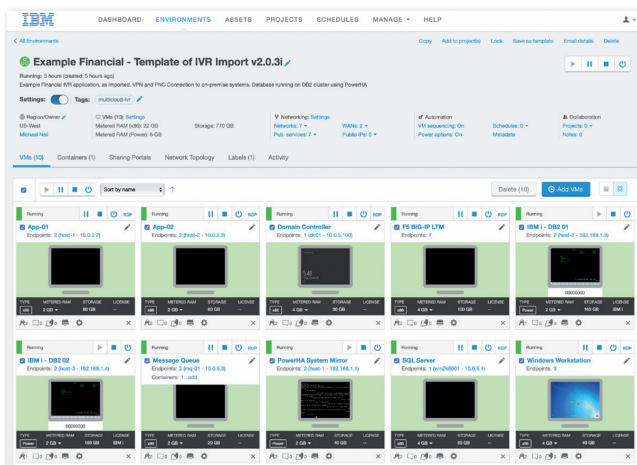# Skytap on IBM Cloud

Unlock cloud capabilities for specialized workloads without rewriting or refactoring

Traditional applications running on IBM Power Systems are stuck in the data center, unable to take advantage of the flexibility, scalability and powerful capabilities available in the cloud. By moving specialized workloads to IBM Cloud, companies can extend the capabilities of business-critical applications, reduce CAPEX, ensure business continuity, and accelerate innovation.

Skytap is a cloud service that natively runs traditional business-critical workloads in the cloud. With Skytap on IBM Cloud, organizations of any size that run traditional x86 or IBM AIX, IBM i, and Linux on IBM Power Systems workloads can easily move them from the data center to the IBM Cloud without rearchitecting or rewriting.

Once your workloads are running in Skytap, you can provide teams with self-service access to complete application environments -- software-defined data centers (SDDCs) -- that can be spun up, cloned, and shared in seconds. This level of access paves the way for agile development and eliminates environment hoarding and configuration drift, while enabling IT to proactively manage allocation of Skytap resources.

Key Advantages

- Benefit from core cloud capabilities like capacity on demand, self-service provisioning, and high availability
- Only pay for what you use with pay-as-you-go consumption model
- Eliminates business risk and lengthy timelines associated with re-platforming
- Capacity on-demand easily scales to meet business needs
- Easily create and discard clones of production-quality environments
- Eliminate capital intensive hard investments and maintenance agreements
- Spur innovation and enhance applications without disrupting production
- Eliminate complexity and latency of moving and synchronizing data between on-premises and the cloud

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. Log into your IBM Cloud account
2. Find us in the IBM Cloud catalog
3. Provision a service
4. Create an environment
5. Start a VM

Use Cases

Production Workloads

Run production IBM i (AS/400), AIX and Linux on Power workloads in Skytap with 99.95% availability. Capacity on-demand easily scales up and down to meet business needs while you only pay for what you use.

High Availability/Disaster Recovery

Scale effortlessly while safeguarding the applications that matter most to your business with Skytap's cloud-based high availability/disaster recovery (HA/DR) solution for IBM Power and x86 workloads.

Application Development/Testing

Quickly provision and discard copies of production environments as necessary with Skytap to enable your dev teams to innovate more frequently and create accurate testing instances to accelerate application development.

Extend Value with Cloud Native Services

Once your workloads are running in Skytap, extend application value and life with access to cloud native services such as Generative AI capabilities and cloud-based security.

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 DevOps.

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

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.

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 IBM Cloud without rewriting or refactoring.
- Eliminate capital intensive investments and maintenance agreements that keep your workloads on-premises, and maximize your investment in IBM Cloud.
- Enjoy the performance of IBM Power 9 hardware, managed and backed by IBM Cloud.
- Use your existing SDLC tools and automation with Skytap's intuitive dashboard and REST APIs for easy integration.
- Move at your own speed. Start with small workloads and migrate at your desired pace.

A Proven Partner

- Skytap delivers deep IBM Power and IBM Cloud expertise.
- With over 140 Million VMs deployed and 5.7 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 IBM Cloud is a collaborative solution designed 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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