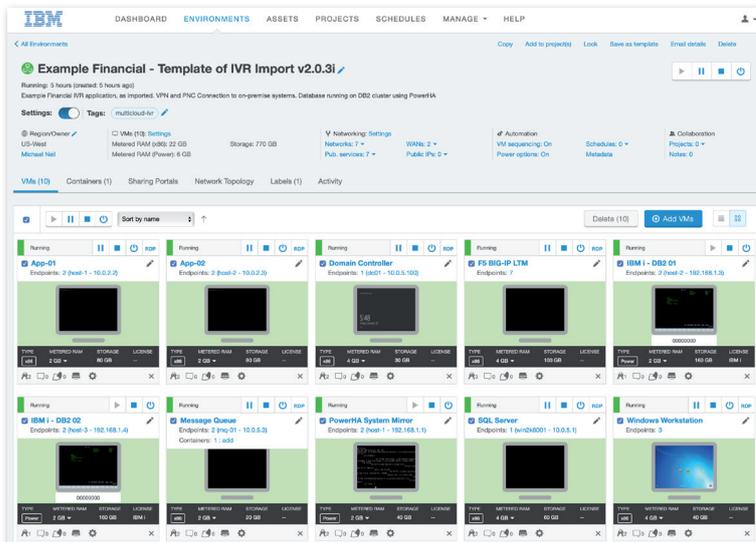# Skytap on IBM Cloud

Migrate traditional workloads into IBM Cloud without rewriting

Skytap on IBM Cloud

Traditional applications and workloads born and raised in the data center aren't able to take advantage of the flexibility, scalability, and capabilities of the cloud. By using Skytap to move traditional workloads to IBM Cloud, companies can enhance development, provide virtual hands-on labs and demos, and ensure business continuity.

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

Move traditional x86 and IBM Power workloads into the cloud without having to replatform, rewrite, or refactor, creating a quicker path to migration

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

Improve development and test without disrupting production

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

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.

Management and control
Manage and control user roles, tags and usage labels, 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 integrations. For a complete list, check here for a complete list of integrations.

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

Why Skytap?

Migrate x86, AIX, IBM i, and Linux Applications Unchanged

- » Rehost applications in a cloud environment without rearchitecting or rewriting

- » Migrate Power components alongside x86/Windows components

Enable Agile Development

- » Provision resources in seconds with self-service access to production-ready environments

- » Eliminate configuration drift with cloneable environments that are identical down to IP addresses

- » Streamline end-to-end testing with blended environments running on multiple architectures

- » Automate all Skytap functionality with REST APIs

Prioritize High Availability and Disaster Recovery

- » Guaranteed 99.95% uptime on Skytap infrastructure, with even higher availability using third-party HA/DR solutions and redundant application architecture designs

- » Support for PowerHA, Helpsystems RobotHA, Syncsort Mimix, BRMS combined with IBM Cloud Storage Solutions for IBM i, and more

Maintain Visibility and Control

- » Create and manage application environment templates that can be self-provisioned, cloned, shared, and deleted

- » Set role-based access, permissions, and granular quota management

- » Supports IBM i operator functions like Activate Boot Modes and the Dedicated Service Tools (DST)

- » Manage IBM i using green screen, Access Client Solutions, or Navigator for i

Maximize Your Investment Dollars

- » Choose the right size for your workload as your needs change and avoid unnecessary over-provisioning

- » Select monthly or hourly as your preferred pricing model. Manage your spend for dynamic and always-on workloads with tools to prevent overages.

Gold
Business
Partner

IBM.

Excellence Award
IBM Cloud 2020

ᦖSkytap

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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