IBM On-Net with AWS

Create a more modern, secure, and resilient infrastructure by connecting your IBM Power Systems workloads with AWS in an ultra low latency hybrid cloud architecture—no refactoring required.

Bring IBM and AWS together

Most IBM applications are mission critical and depend on an ultra-low latency connection between IBM Power Systems and the x86 infrastructure in the same data center. For this reason, IBM i/AIX workloads are often seen as an obstacle on the path towards cloud adoption and transformation, but not anymore.

Backed by over 20+ years of experience managing IBM systems, Lightedge has engineered a low latency hybrid architecture solution that enables the separation of IBM and x86 so that customers can run their x86 workloads in AWS and their IBM workloads in Lightedge's IBM Power Systems hybrid cloud. The hybrid solution meets historical performance and security requirements while opening the door to modernization of the x86 workloads with AWS services to improve scale, cost, and performance.

Lightedge's experience with both IBM and AWS is critical to the successful adoption of our hybrid offering with AWS. We possess the experience and skills necessary to assess, migrate, deploy, manage, and automate both the IBM and AWS environments to ensure availability and optimal performance of your mission critical application. Once migrated, our managed services will relieve your IT team of the related administrative overhead and help you focus on innovation instead of infrastructure.

Enable new possibilities for your applications

Leveraging AWS with your IBM i or AIX based workloads opens up a variety of possibilities like improved reliability and HA configurations, improved disaster recovery, and access to modern data analytics, IoT, AI/ML, and other cloud services that can significantly increase the capabilities of your applications.

Many of the legacy self-developed or commercial applications like JD Edwards, SAP R/3, or Manhattan that run on IBM Power Systems, were not written to run on modern cloud platforms like AWS. However, many of these same applications can take advantage of cloud benefits by continuing to run on the IBM Power platform in Lightedge's virtualized hybrid architecture with low-latency connectivity to AWS. This allows organizations to quickly unlock the modern capabilities provided by AWS without extensive refactoring or rewriting.

Lightedge provides a data-driven assessment of your IBM infrastructure and application portfolio to path to help you achieve your cloud maturity and modernization goals.

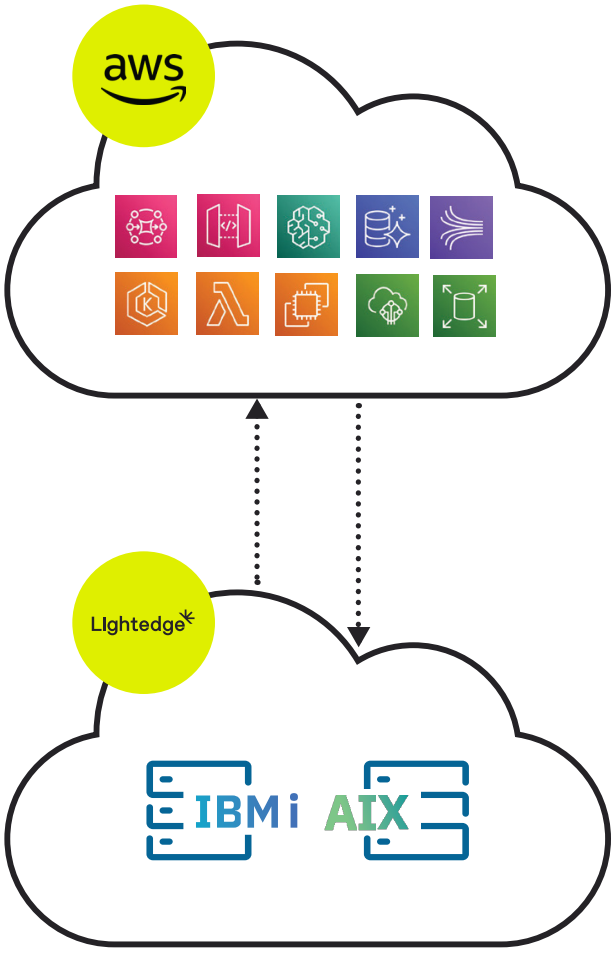
We don't see IBM i, AIX, or AS/400 workloads as obstacles. We see opportunities to connect the dots between where your business is today and what's possible tomorrow.

Lightedge

aws PARTNER Premier Tier Services

How it works

Our IBM Cloud is hosted on-net with multiple AWS regions, enabling ultra low-latency connections between your IBM workloads and AWS, creating a seamless hybrid experience that opens the door to new possibilities for modernization without disruption.



Overview

- Full 24×7×365 managed services and Security Operations
- (SOC) services
- Run IBM LPARs and AWS instances on the same network with ultra-low latency (<2ms)
- Built on high performance IBM POWER9 and NMVe flash storage
- O/S support for v7R2, v7R3, v7R4 with O/S upgrade support services available for v6R1 through v7R1
- Limited disruption migrations for mission critical workloads
- Zero downtime backups available and custom backup retention periods for compliance or business requirements
- Data center compliance with regulatory standards like SOC I & II, HIPAA/HITECH, HITRUST, ISO 27001, 27017, 27018, PCI, GDPR, CCPA, Bill 198, FERPA, FISMA and more
- DR replication including physical and/or logical replication with full monitoring and management
- Hybrid cloud observability, monitoring, and automation through the Lightedge management platform

Get started with AWS funding for a Cloud Readiness Assessment and Proof-of-Concept

As a leading AWS Premier Partner, Lightedge can provide cost effective assessments and proof-of-concept projects with AWS funding. We'll also help you take advantage of AWS migration funding to reduce overall cost of cloud adoption while maximizing your return on investment. Connect with us today to learn more about how you can get started.

Connect with us today

Contact us today to see how we help light the way to business breakthroughs.

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Lightedge builds and manages global hybrid cloud infrastructure solutions that empower businesses with secure, fully managed infrastructure that seamlessly spans across on-prem, private, and public cloud.