IBM Power Cloud Readiness Assessment

Unlock the transformational potential of your
IBM Power Systems infrastructure.

Transforming your IBM Power workloads into a modern cloud architecture is key to improving the performance, resiliency, and capabilities of your business-critical workloads. By leveraging hybrid cloud, microservices, containers, and other modern solutions, you can significantly increase agility, boost performance, and improve customer experiences to help you stay ahead of the competition. The first step towards IBM transformation is a thorough, data-driven assessment to determine the right architecture and migration path for each workload. This process also establishes the ROI and business value of cloud transformation, providing clear insights for stakeholders across your organization.

Identifying the best path to the cloud for IBM Power infrastructure and applications

A cloud readiness assessment for IBM Power is designed to review and document a baseline for your current IBM Power (IBM i / AIX, RHEL) implementation. Legacy self-developed or commercial applications like JD Edwards, SAP R/3, or Manhattan that run on Power Systems, were not written to run on modern cloud platforms like AWS. Yet many of these same applications can take advantage of cloud benefits by continuing to run on IBM Power platform in a virtualized hybrid architecture with low-latency connectivity to AWS.

For modern applications like SAP HANA and Oracle EnterpriseOne, migration to AWS is straightforward, because the applications are developed for cloud maturity from the beginning.

To determine the right cloud modernization path for your infrastructure, the cloud readiness assessment examines the capabilities in place today in order to develop a reference architecture that will meet operational requirements, support application availability, deliver disaster recovery and business continuity, and achieve security and compliance requirements for an integrated IBM Power environment.

Enable a future-focused cloud architecture for IBM Power

The goal of a cloud readiness assessment is to fully understand the timeline, risks, and benefits of adopting a modern cloud architecture for IBM Power infrastructure and connected applications. The assessment will review current on-premises platforms, examine current run state, and establish a plan for reaching key business milestones that enable a cloud maturity model.

Embracing AWS for IBM Power strengthens operational reliability and resiliency while unlocking opportunities to transform your business with BI, AI/ML, IoT, and other technologies.

Lightedge

Assessment scope and deliverables

Lightedge's IBM to AWS Cloud Readiness Assessment examines everything in your environment today to establish a clear and actionable roadmap for the future. After completing the assessment, Lightedge will deliver a presentation to senior management outlining proposed findings, TCO projections, best practices, and a detailed execution plan for the IBM infrastructure and applications.

Deliverables include:
Data Center Strategy Roadmap, Enterprise Security Architecture, Enterprise Resiliency, Migration Planning and Execution.

✓ Improve reliability and availability by embracing cloud architecture best practices.

✓ Reduce operational costs and maximimze the value of your IT assets and resources.

✓ Increase agility with scalable cloud resources and advanced AWS native services.

IBM Power Cloud Readiness Assessment Deliverables

Data Center Strategy Roadmap
- Reference Architecture to include modernization of infrastructure and operations.
- Benefits for agility.
- Right-sized, virtualized IBM Power Compute adjacent to AWS.
- TCO Analysis for Private, Hybrid, or Multi-Cloud environment.
- Capacity modeling for Power10 application workloads.
- Systems and database availability.

Enterprise Security Architecture
- Reference models and architectures for SIEM.
- Compliance automation reporting.

Enterprise Resiliency
- Business continuity and disaster recovery best practices for target RTO/RPO.
- Data protection guidelines.

Migration Planning and Execution
- Considerations for data migration to hybrid cloud.

Why Lightedge?

Lightedge is a global leader in IBM Power cloud infrastructure, and an AWS Premier Partner with more than 25 years of experience designing and supporting the mission critical systems that businesses rely on every day.

To learn more visit www.lightedge.com.