



# Drive innovation through mainframe modernization with Kyndryl and AWS



## Customer challenges

Many enterprise customers continue to use the mainframe platform to run their core business applications.

Challenges that customers face during their mainframe application transformation projects include:

- **Lack of skilled professionals** to support mainframe application and infrastructure, as well as cloud technologies
- **Complex interdependent workloads**, constrained visibility and analytics across systems of engagement, integration, and record
- **Different builds, deployments, and management** and automation processes for mainframe and cloud
- **Need for strategies and tools** to successfully move applications and data from mainframe to Amazon Web Services (AWS)

## Kyndryl™ Mainframe Management and Integration services with AWS

Mainframe Management and Integration services with AWS introduces capabilities to automate the provisioning and management of the service, featuring four functionalities:

### 1. Kyndryl Cloud Native Services (KCNS) and RM4K for AWS Mainframe Modernization service

Streamlines lifecycle management, including provisioning, backups, compliance, and monitoring. KCNS accelerator and Kyndryl Bridge provide actionable insights, while Resource Manager for Kyndryl (RM4K) automates operations and tracks service runtime performance, to help ensure system health.

### 2. Factory for AWS Mainframe Modernization Refactor with AWS Blu Age

Enables Kyndryl migration experts to accelerate the refactoring of your mainframe applications to AWS and to manage infrastructure and applications with Kyndryl Bridge.



### 3. DevSecOps for AWS Mainframe Modernization Replatform with OpenText™ (Micro Focus) and Refactor with AWS Blu Age

Kyndryl brings automation, skills, and technology which enables customers with modern CI/CD pipeline capabilities combining:

- AWS Replatform with OpenText™ Enterprise Stack and Kyndryl Bridge
- AWS Refactor with AWS Blu Age Managed Runtime and Kyndryl Bridge

### 4. AWS Mainframe Modernization Data Replication with Precisely

Provides near real-time replication with Change Data Capture (CDC) between the mainframe and AWS which enables new functions, data analytics, and modern application development

Kyndryl's Mainframe Management and Integration services with AWS offers unique value to customers looking to bring innovation through mainframe modernization and cloud migration.

## Kyndryl qualifications

Kyndryl is deeply qualified with mainframe services experience, skills, and know-how to team with AWS and help customers more efficiently and effectively manage their transformation projects. Kyndryl is the world's largest IT infrastructure services provider and AWS is the top cloud provider, providing combined strengths and expertise that benefit customers.

- AWS tapped Kyndryl as its first global managed service provider to be part of the AWS Mainframe Modernization services.
- Kyndryl manages 61% of the IBM Z® MIPS managed by service providers, which is more than all other competitors combined.
- Kyndryl offers service integration experts with global depth and breadth of mainframe application modernization.
- Kyndryl's service experts speed up the assessment, migration, modernization, execution, and operation of mainframe applications using seamless end-to-end transformation processes.
- Further enabling hybrid estate management and enhancing reliability, Kyndryl Cloud Native Services automates the build of an AWS Blu Age Managed Runtime.



## Why Kyndryl?

Kyndryl has deep expertise in designing, running, and managing the most modern, efficient, and reliable technology infrastructure that the world depends on every day. We are committed to advancing the critical infrastructure that powers human progress. We're building on our foundation of excellence by creating systems in new ways: bringing in the right partners, investing in our business, and working side by side with our customers to unlock potential.

## For more information

Find out more about how **Kyndryl's Mainframe Management and Integration services with AWS** can help your organization. Contact your Kyndryl representative or visit us at [kyndryl.com](https://www.kyndryl.com)

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