Kyndryl launches mainframe modernization services leveraging AWS's agentic AI capabilities

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NEW YORK, June 10, 2025 /PRNewswire/ -- Kyndryl (NYSE: KD), a leading provider of mission-critical enterprise technology services, today unveiled new advisory and implementation services to accelerate modernization of mainframe applications and data for Amazon Web Services (AWS) by tapping into the agentic AI capabilities of AWS Transform.



Kyndryl's new services make it easier for enterprises to integrate mainframe applications with the AWS Cloud platform by leveraging the automated agentic AI capabilities of AWS Transform. As part of this initiative, Kyndryl is educating its experts in new AI skills for AWS.

To facilitate the transformation of mainframe applications for AWS, Kyndryl is applying its consulting expertise and services to help customers streamline the application software development lifecycle. Kyndryl also employs platform engineering and best practices to integrate applications with AWS. This approach accelerates application modernization, enables flexibility and customization, and future-proofs the software delivery cycle to enhance the developer experience.

Additionally, Kyndryl is providing services to leverage AWS Transform to modernize mainframe applications for AWS. For most organizations, conducting exploratory and deep analysis of source code and documentation can be challenging, time-consuming and prone to errors. AWS Transform's ability to translate complex code terms using agentic AI improves understanding of and working with application documentation. Kyndryl's projections indicate that applying AWS Transform to large-scale modernization projects will potentially reduce timelines by approximately one-third. As a result, the new services allow customers to quickly unlock value from their mainframe data and applications, and scale and transform their digital businesses.

"Our new services leveraging AWS Transform will support and speed mainframe modernization journeys by dramatically reducing transformation project timeframes," said Hassan Zamat, Global Practice Leader for Core Enterprise & zCloud at Kyndryl. "The combination of Kyndryl's deep mainframe expertise and AWS's agentic AI capabilities can help customers across various industries streamline mainframe transformation initiatives, increase productivity, and hence drive better business outcomes."

Kyndryl's AI-powered open integration platform, Kyndryl Bridge, can consolidate cloud and mainframe automation and event handling to help customers identify those applications that can be modernized in new ways. They can then use AWS Transform to modernize mainframe applications for AWS which allows them to drive more value, help inform stakeholders faster and simplify their decision-making.

According to Kyndryl's 2024 Mainframe Modernization Survey, 86% of respondents are deploying or planning to deploy AI to accelerate mainframe modernization. Almost half of respondents aim to use generative AI to unlock and transform critical mainframe data into actionable insights. With the new mainframe modernization services for AWS, Kyndryl will be poised to support customers on their digital transformation and AI adoption to future-proof their IT environment.

Learn more about how Kyndryl and AWS are collaborating to support customers.

About Kyndryl
Kyndryl (NYSE: KD) is a leading provider of mission-critical enterprise technology services offering advisory, implementation and managed service capabilities to thousands of customers in more than 60 countries. As the world's largest IT infrastructure services provider, the company designs, builds, manages and modernizes the complex information systems that the world depends on every day. For more information, please visit: www.kyndryl.com.

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