Accelerate IT modernization with Kyndryl Cloud Services for AWS

Customer challenges

Migrating workloads to cloud has become a strategic imperative necessary to enable personalized experiences. The COVID-19 pandemic underscored this urgent need across industries. Most businesses have moved the simple workloads to cloud. Now it's time to modernize and migrate the complex mission-critical workloads to truly achieve digital transformation.

Many organizations delay significant modernization because of concerns about hybrid IT estate complexity. Risks include outages or performance impacts, lengthy migration timeframes, and issues around scalability, lack of in-house skills, and existing manual processes.

Kyndryl and AWS have teamed together to help clients address these challenges with integrated services that identify right-fit workload placement. Kyndryl Cloud Services for AWS simplifies migrations, drives platform modernization, and speeds operational transformation—infused with AI, cybersecurity, and resilience.

Solution features and benefits

Kyndryl Cloud Services for AWS helps customers modernize their IT infrastructure to AWS hybrid cloud. This solution offers end-to-end, pre-integrated offerings for all IT infrastructure transformation needs, including managed services. Kyndryl's highly skilled, AWS certified consultants are experienced in applying proven frameworks and technologies to consult, design, deploy, migrate, modernize, and manage workloads on the AWS Cloud Platform.

The top solution highlights include:

1 Kyndryl enterprise landing zone architecture is modular by design, scalable without refactoring, and aligned with the AWS Cloud Adoption Framework.

2 Acceleration of modernization initiatives through an AWS cloud strategy and architecture is designed to your functional and business requirements.

3 Predictive and flawless global factory delivery model leverages automation for increased productivity and reduced risks and cost.

Kyndryl experience and approach

Kyndryl is a trusted end-to-end infrastructure technology services provider that delivers proven and reliable results for AWS hybrid cloud migrations. We effectively build, integrate, and manage AWS and other hybrid environments by orchestrating and automating delivery of infrastructure, application and custom IT services using Kyndryl's unique patterns.

For example, we provide an automatic code generation tool where the target state is defined in a tabular format to generate modules and the required infrastructure as code (IaC). The approach leverages tooling that empowers the delivery team to do the composition using minimum construct and minimal knowledge of the language syntax. This improves team speed and agility for needed modifications.

Kyndryl brings brings a business outcome-driven approach that ensures top-line and bottom-line benefits are a focus throughout the IT investment lifecycle. We offer deep IT infrastructure experience to automate, speed, and simplify modernization. Our integrated portfolio of services is tailored to your needs to help achieve your business goals and return continuous value:

→ By targeting the right workloads for migration—and a combination of AWS Cloud Platform technology and Kyndryl service offerings—value can be realized on the order of weeks

→ Our modern managed services-based digital operations scales with your business and provides an open, security-rich experience to help maximize ROI

We meet you where you are in the cloud journey

Kyndryl Cloud Services for AWS include strategy, development, migration, modernization, and managed services, tailored to the needs of your enterprise. We define a systematic decision approach and outline an action roadmap for a secure, repeatable, and scalable path to the cloud—no matter where your enterprise is in the journey. There are three typical cloud migration and modernization starting points: business led, app led, or infrastructure led.

Business process-led transformation
Resilience and adaptability to change is a top business priority for which cloud is a key tool. While organizations see the value and power of the cloud, starting the migration and modernizing process can feel challenging. Kyndryl can help with your initiative by:

→ Articulating a transformation strategy aligned to the business goals
→ Evaluating gaps and crafting a technology vision key to meeting expected outcomes

App-led modernization
App-led modernization to cloud involves more than transitioning legacy and traditional infrastructure, processes, and applications. Kyndryl's proven, scalable methodology closely aligns with the AWS Cloud Adoption Framework to support:

→ Enhanced customer and employee experiences and new efficiencies
→ Simpler development of new applications for continuous building, management, and delivery of improved application experiences
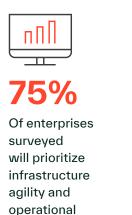
Infrastructure-led transformation
It makes sense for most organizations to keep some data and applications on-premises for security, cost, or latency reasons. Kyndryl's cloud-first approach allows us to deliver agile solutions from on-premises, private cloud, public cloud, and edge environments to AWS hybrid cloud. These capabilities offer you the:

→ Portability and visibility needed to run workloads seamlessly and safely across core, cloud, and edge environments

Drive rapid cloud adoption

Enterprises have dramatically increased cloud use since the start of the pandemic as cloud continues to grow as a powerful driver of business improvement. Industry research shows that since the start of the COVID-19 epidemic, enterprises have dramatically increased the use of cloud to adapt to dynamic market conditions.

75%
Of enterprises surveyed will prioritize infrastructure agility and operational efficiency[1]

5x
Will increase adoption of cloud-native architectures for core business applications

80%
Will shift to cloud-centric IT and apps twice as fast as before the pandemic

Source: IDC FutureScape: Worldwide Future of Digital Infrastructure 2021 Predictions

Kyndryl helps you drive smooth and rapid cloud adoption without disruptions to your business. Our experts have successfully migrated 500,000 global workloads over the last 3 years. Based on Kyndryl's 2021 cloud practice internal results, customers may be able to execute 30% faster with Kyndryl-developed automation, AWS native tools, and strategic ISV tools.

Kyndryl has decades of experience working with customers to deliver enterprise-grade services for the most complex workloads. With more than 90,000 skilled professionals operating from over 100 countries, we are committed to the success of our customers. We have the people, processes, and technology to help organizations progress their digital transformation journey using intelligent data and AI-driven insights.

Kyndryl and AWS partnership

Kyndryl and AWS Cloud have a global, strategic partnership to accelerate digital transformation and help enterprises around the world become more advanced, data-driven, and sustainable. With nearly 3,400 AWS certifications, we design, build, and manage mission-critical, complex systems on AWS.

Why Kyndryl?

Kyndryl has deep expertise in designing, running, building, and managing the most modern, efficient and reliable technology infrastructure that the world depends on every day. We are deeply 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 customers to unlock potential.

For more information

Get a 30-minute, no-cost strategy session with a Kyndryl AWS expert. Discover how our AWS Cloud Migration and Modernization Services can help you reach your business and technology potential. Or visit kyndryl.com

1. IDC FutureScape: Worldwide Future of Digital Infrastructure 2021 Predictions #US46470820 https://www.idc.com/research/viewtoc.jsp?containerId=US46470820