



Accelerate cloud transformation with Kyndryl and AWS



Customer challenges

IT leaders consistently face pressure to maximize value and optimize costs through cloud solutions. Broadcom's acquisition of VMware® provides an opportunity for IT executives globally to improve and transform their VMware environments in anticipation of changes. As IT leaders seek to limit these risks, there's an opportunity to transition to AWS cloud-native services for improved outcomes.

Solution description

When enterprises implement a hybrid VMware strategy, they seek to modernize existing environments, transform their private cloud platforms and accelerate public cloud adoption—including Amazon Elastic Compute (EC2), Outposts, Amazon container-based services (ECS & EKS), Nutanix NC2 on AWS, and ROSA (Red Hat OpenShift on AWS). Kyndryl and AWS offer a consultative approach to assist IT leaders in optimizing their VMware environment and updating their VMware strategy using a VMware risk assessment, available through the AWS marketplace. In this collaborative effort, AWS and Kyndryl will analyze the environment, determine cloud affinity for workloads, and develop a strategic roadmap that will deliver value to business and IT.

Customer outcomes and benefits

This offering from Kyndryl and AWS provides customers with a unique opportunity. Amid current industry shifts, our approach creates an optimal cloud infrastructure that helps you enable:

- 1 Immediate cost savings:** establishment of an optimal cloud infrastructure to reduce expenses
- 2 Risk mitigation:** reduction of potential risks associated with cloud transitions
- 3 Predictable service levels:** control of consistent and reliable service performance

The VMware risk assessment from Kyndryl and AWS uses an Application Modernization Framework to assess and analyze an enterprise's VMware environment and develop a fit-for-purpose strategy, including:



- Guidance on VMware optimizations and improved architecture practices
- Review of VMware alternatives including a business case analysis, technology compatibility and migration risk analysis
- Recommendations for the target landing zone, by workload, and a seamless transformation roadmap

The risk assessment output and roadmap provide a predictable total cost of ownership for existing VMware infrastructure and recommendations for short- and long-term cost savings. Kyndryl and AWS swiftly and objectively evaluate proprietary applications, deliver detailed analyses, perform a cost-benefit comparison and develop a decision-making framework.

Three migration paths from VMware Cloud to Amazon Cloud Native Services

The workload disposition in the VMware risk assessment might identify some workloads that are best fit to move to AWS, in any of three paths:

- Native virtual machines (VMs): VMware VMs can be migrated to run as Amazon EC2 instances.
- Managed virtualization platforms: other virtualization platform vendors, such as Red Hat® or Nutanix, offer managed AWS services that can be used as a migration target for VMware VMs.
- Other cloud-native services: some workloads might benefit from modernization and migration. Examples include refactoring VMs to a containerized microservices architecture and moving them to Amazon Elastic Kubernetes Service or migrating an on-premises relational database to Amazon Relational Database Service.

Why Kyndryl?

Kyndryl is an Amazon strategic partner with 9,700+ certifications. We help customers migrate and modernize workloads to AWS across the full cloud stack. 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 deeply committed to advancing the critical infrastructure that powers human progress.



For more information

Learn more about [Kyndryl and Amazon Web Service \(AWS\)](#). Contact your Kyndryl representative or visit [kyndryl.com](https://www.kyndryl.com)

Or, get a 30-minute, no-cost strategy session with a Kyndryl expert.

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