

A Faster and Simpler Path to AWS with Nutanix

Challenges

Migrating existing enterprise applications to the public cloud is hard.

Organizational IT is tasked with improving IT agility, cost-efficiency, and access to an array of native-cloud services and solutions including simpler disaster recovery and resource bursting. Architectural differences between on-premises IT and the public cloud, however, creates several IT and business challenges when migrating applications.

IT transformation projects often take too long to put into effect, are too complex, tie-up development resources and require new skills or toolsets which leads to increased risk, delays, and longer time-to-value. Organizations require a faster and simpler migration path with a consistent cloud operating and security model that doesn't risk project success.

The Nutanix Solution

Migrate existing applications and data to cloud faster, simpler and more cost-effectively.

Nutanix Cloud Clusters (NC2) is the deployment of Nutanix Cloud Platform software on AWS bare-metal instances for seamless integration into an organization's on-premises and AWS cloud infrastructure providing a consistent IT operating and security model. Organizations can now meet their cloud needs, extending on-premises environments into AWS for an agile, scalable and more cost-effective migration path. Migrate applications to cloud more quickly, integrate applications with AWS-native services, provide IT capacity bursting and create an efficient cloud-based DR solution that eliminates the need for secondary datacenters.

Features

Fast Cloud Integration for Enterprise Applications

The Nutanix Cloud Platform software is common across all customer-deployed locations including on-premises, edge and NC2 on AWS, enabling enterprise applications to run unmodified on AWS. Nutanix Move™ is used to rehost applications and data from a variety of sources with one-click testing and full cutover control. The additional integration of AWS native cloud services, Nutanix database and unified storage services help to provide the fast and simple cloud integration with AWS.

Consistent Management and Security

Manage virtual machines, containers and storage in a consistent management plane across on-premises Nutanix deployments and NC2 on AWS. Together with a consistent security model that extends on-premises security policies, user permissions and access controls to the NC2 on AWS workloads, IT teams can use the same management tools, processes and skillsets across all deployment locations. This reduces complexity and allows organizations to start leveraging the benefits of AWS as quickly as possible.

Benefits

NC2 accelerates application deployment and migration to AWS without the need to refactor or modify them beforehand. It rapidly bursts capacity when on-premises resources are running low and reduces disaster recovery (DR) complexity and cost.

Faster Time-to-Value with the Cloud

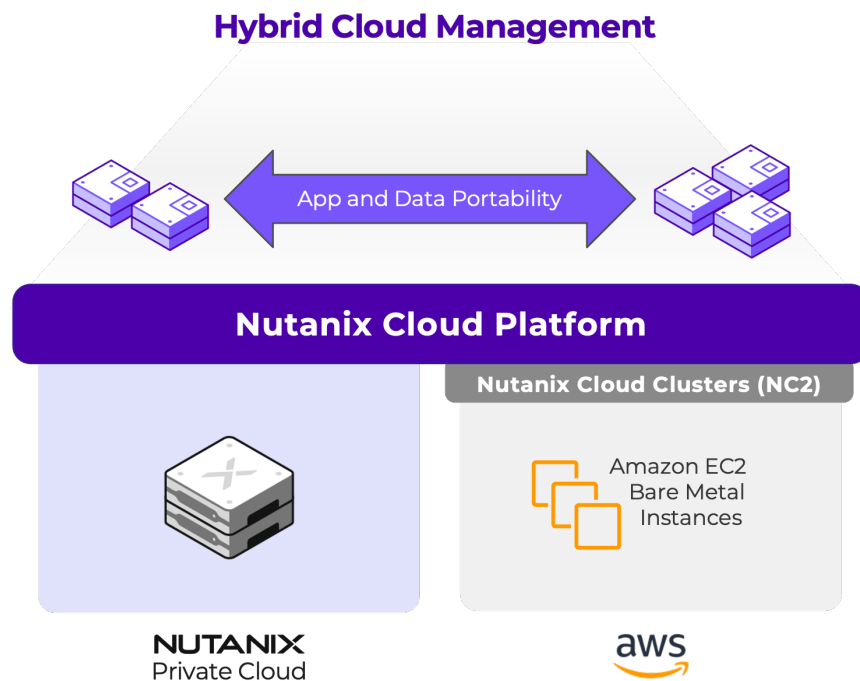
Rehost applications quickly without any changes or costly refactoring to minimize risks and achieve faster cloud adoption.

Seamless Cloud Integration

Leverage existing AWS account and networking for easy access to cloud-native services without complex or costly network integration.

Consistent Distributed Cloud Operations

NC2 uses the same Nutanix hyperconverged infrastructure (HCI) software, security and networking models as on-premises deployments



Nutanix on AWS

Nutanix simplifies the complexities associated with the deployment, migration and management of distributed infrastructures by delivering an open, software-defined cloud platform on a global scale across on-premises datacenters and the AWS public cloud. NC2 on AWS deploys quickly in under one-hour and enables organizations to use EC2 bare-metal instance configurations and regions, including GovCloud. Applications can be migrated without any modification enabling customers to quickly benefit from their AWS deployments with a short time-to-value.

Use of existing AWS accounts and VPCs without complex networking overlays for new or migrated applications and data provides customers with easy integration into native AWS services.



Case Study: FSB Technology

Meeting IT Growth Deadlines

FSB Technology, a gaming technology company, requires the ability to centrally manage a distributed global network and scale resources rapidly in new locations. Gaming regulators in many locations require a local presence for FSB to be able to offer services.

Regional Cloud Deployments

FSB Technology overcame their IT scaling challenges by forward planning, using NC2 on AWS to quickly provision and simply manage the Nutanix software required for their local gaming applications, all remotely and in just a few days.

Solution Outcome

NC2 resources are like any others on the FSB network, but with no need to source rack space, ship equipment or fly staff to remote locations, enabling FSB to achieve rapid, fully gaming regulatory compliant application rollout from a distance.

Learn More

Visit our Nutanix + AWS Partner Page at www.nutanix.com/aws

NUTANIX

info@nutanix.com | www.nutanix.com | [@nutanix](https://twitter.com/nutanix)

©2024 Nutanix, Inc. All rights reserved. Nutanix, the Nutanix logo and all product and service names mentioned herein are registered trademarks or trademarks of Nutanix, Inc. in the United States and other countries. All other brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holder(s). EEC-AFasterSimplerPathToHybridCloudOnAWSWithNutanix-SolutionBrief-FY24Q3 03132024