Gain Cloud Native Velocity With Nutanix Clusters

Modernize Your Applications with a true Hybrid and Multicloud Platform

CHALLENGES

- Extending existing applications to cloud is complex
- Multiple tools and reconfigurations required
- Different management silos across clouds

KEY BENEFITS

- Easily extend existing apps to cloud
- Benefit from availability of modern tools in public cloud
- Manage all clouds as one single cloud

Cloud native technologies empower organizations to build and run scalable applications in modern, dynamic environments such as public, hybrid and multicloud architectures. According to Gartner, more than 80% of enterprises already use two or more public clouds implying significant adoption of cloud services at the enterprise level. While new 'born-in-the-cloud' applications can connect natively to cloud services, moving existing on-prem applications to the cloud traditionally requires expensive and disruptive re-coding or refactoring. So what's the solution? A hybrid and multicloud platform that includes built-in Kubernetes lifecycle management at the same time allowing for instant access tools and container services in public cloud.

Nutanix Clusters delivers the industry's first Hybrid and Multicloud platform with the flexibility, simplicity and cost efficiency needed to develop and deploy applications in hybrid or multiple clouds. Nutanix Clusters integrate natively with public cloud services without requiring any additional network overlay complexity and providing direct access to cloud native tools and services. With Nutanix Clusters, enterprises can easily extend applications from data centers to multiple public clouds without disruptive and costly refactoring.

EMPOWERMENT THROUGH SIMPLICITY AND CHOICE

For time to market, it's critical to empower builders with choice of tooling and development environment. With Nutanix, builders can choose to start cloud native apps on public cloud or on premises. Nutanix Karbon provides builders a complete Kubernetes cloud native environment. Entire Kubernetes clusters can be deployed in a few clicks to get started, making it easy to build and manage your Kubernetes cluster with Nutanix Karbon either in your datacenter or in your hybrid cloud.
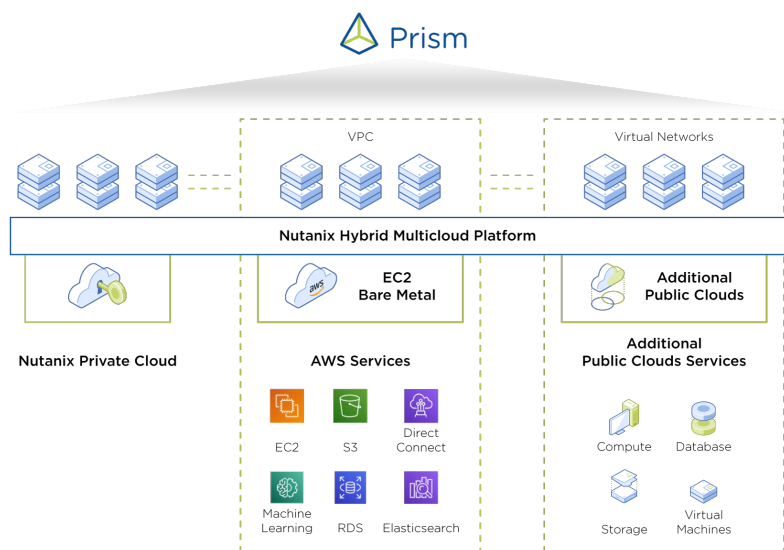
Nutanix makes modernizing existing applications with cloud-native functionality seamless. For public cloud deployment, Nutanix Clusters provide native networking integration allowing easy access to public cloud services, such as Elastic Block Storage (EBS), Simple Storage Service (S3), Cloudfront as a CDN and more. In addition you can choose to use cloud services to add cloud-based AI/ML automation capabilities to enhance existing applications.

Cloud Native Integration

NUTANIX

ELIMINATE MULTICLOUD CHAOS WITH UNIFIED MANAGEMENT

Unified management provides visibility and control of your workloads across on-premises and cloud deployments for all your infrastructure utilization, security policies in a single console. Apply operational practices, security compliance, third-party integrations and troubleshooting procedures that you already know. With Nutanix Clusters, there's no retooling or retraining needed to operate your apps in public cloud environments.

Prism

VPC

Virtual Networks

Nutanix Hybrid Multicloud Platform

EC2 Bare Metal

Additional Public Clouds

Nutanix Private Cloud

AWS Services

Additional Public Clouds Services

EC2

S3

Direct Connect

Machine Learning

RDS

Elasticsearch

Compute

Database

Storage

Virtual Machines

Hybrid and Multicloud with Nutanix Clusters

Operational Simplicity
Single infrastructure management plane across all clouds

Seamless App Mobility
App migration across clouds with no code changes needed

Cost Efficiency
License portability & cost optimization features maximize investment

Modernize your legacy applications using direct access to cloud native services provided by Nutanix Clusters. Benefit from the freedom to choose the cloud platform you would like and ensure cost efficient cloud operations with Nutanix Clusters.

Take Nutanix Clusters for a Test Drive. Visit www.nutanix/clusters today!

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