

# Extend Your Private Cloud Into AWS GovCloud with Nutanix Clusters

Advance Your Cloud Smart Strategy

## KEY BENEFITS

- Provision a hybrid cloud environment in less than one hour
- Unified platform to manage infrastructure across multiple private and public clouds
- Easily shift software licenses from on-prem nodes to bare metal AWS EC2 instances
- Migrate virtualized applications and data to public clouds without code changes
- Easily burst additional capacity to meet mission-critical and seasonal service needs
- Access rich cloud services for disaster recovery and to ensure continuity of operations

## SECURITY MATTERS

- Nutanix Clusters is part of the Nutanix Government Cloud Services which has a FedRAMP authorized categorization at the Moderate impact level, helping government organizations support strengthened security to comply with their mandates.

## GOVERNMENT'S FASTEST PATH TO A HYBRID & MULTICLOUD ENVIRONMENT

Government agencies are looking to increase their cloud adoption to better serve the agency's missions, improve constituent services, realize cost savings, and increase cybersecurity. Some agencies operate their applications and data in a hybrid cloud environment which combines public and private clouds, by placing some services in public clouds or private clouds (generally those that deal with sensitive information). The end result can be a complicated environment for IT teams who are responsible for multiple legacy and multiple cloud environments, which entails complex networking, re-architecting applications, and managing multiple infrastructure tools.

Nutanix Clusters is a hybrid cloud solution that eliminates the complexity of infrastructure silos in on-prem datacenters, edge locations, and public clouds. Government agencies can use their on-prem Nutanix software with AWS GovCloud infrastructure and services using a single platform in both their private and public clouds.

Government agencies can now securely and seamlessly migrate or extend their on-prem virtualized applications, sensitive data, and regulated IT workloads to AWS GovCloud (or any other AWS region). This allows agencies to take advantage of rich cloud services, such as AI, ML, and with a built-in native integration with AWS networking makes the initial set-up easy. As a result, government IT teams typically can provision a hybrid cloud environment in less than an hour.



**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

## MANAGE YOUR APPLICATIONS IN A TRUE HYBRID & MULTICLOUD ENVIRONMENT

Nutanix Clusters delivers the flexibility, simplicity, and cost-efficiency needed to run applications in private or multiple public clouds, without vendor lock-in to the underlying cloud platform.

## KEY USE CASES

### Lift and Shift



Move applications to the cloud with no code change

### On Demand Elasticity



Rapidly burst into public clouds to meet seasonal increase in demand

### Cloud Native Services



Modernize Applications and connect natively to cloud services

### Business Continuity



Use public clouds for high availability and disaster recovery

## ATTRIBUTION

“ With the launch of Nutanix Clusters on AWS GovCloud, Federal and SLED IT teams can now manage their hybrid and multicloud environments as an elastic and single entity spanning on-prem and multiple public clouds. This enables them to accelerate the migration of their on-prem applications to AWS while keeping them in control of their data, performance, and availability. ”

- Paul Nashawaty of ESG

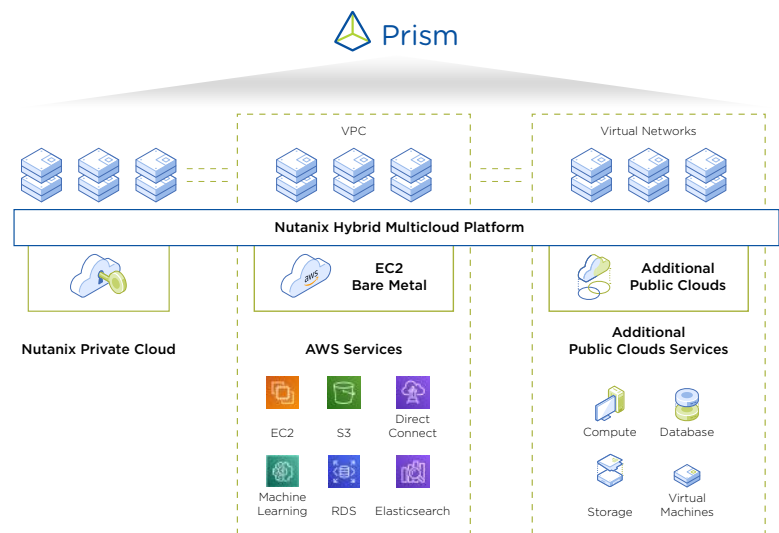
This solution dramatically reduces the operational complexity of migrating, extending, or bursting your data and applications between clouds, all under a single management console. This effectively unifies each organization's clouds – public or private - to operate as a single cloud.

## DIRECT MANAGEMENT CONTROL OF YOUR HYBRID CLOUD

Nutanix Clusters is a simple extension of your on-prem hyperconverged infrastructure to AWS GovCloud, so government IT teams can directly manage their AWS environment as they would for any other datacenter. To improve your overall cost efficiency, one-click hibernation and resume features (in technical preview) allow you to stop cloud instances when you don't need them, and bring them back when you do. In addition, as requirements change, governments can easily shift software license entitlements from on-prem nodes to bare metal AWS EC2 instances without being locked-in to perpetual licensing. Nutanix Clusters allows you to leverage your existing AWS accounts, and any discounts. This provides you with direct control of your environment, unlike using a managed service where the provider controls your environment.

## HYBRID AND MULTICLOUD FREEDOM

Migrate your applications and data across on-premises private clouds and supported public clouds without any lock-in to the underlying cloud platform. With a consistent consumption model that spans private and public clouds, you can confidently plan your long-term hybrid multicloud strategy and greatly accelerate your cloud journey with Nutanix Clusters.



READY TO TAKE NUTANIX CLUSTERS FOR A TEST DRIVE?

<https://www.nutanix.com/federal-hybrid>

**NUTANIX**  
YOUR ENTERPRISE CLOUD

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