

# VMware Cloud on AWS GovCloud (US)

2 proven leaders. 1 powerful platform.

## USE CASES

### Accelerate cloud migration

Rapidly and seamlessly migrate enterprise applications and vSphere-based workloads to the cloud without complex conversions in an operationally consistent way, leveraging the same skills and toolsets you already use.

### Extend your data center

Extend your vSphere environments to the AWS Cloud and meet on-demand capacity needs in minutes, allowing for fast and cost-effective business growth.

### Modernize your applications

Deliver VMware SDDC-consistent dev/test environments that can integrate with modern automation tools and access native AWS services for developing next-gen applications.

### Protect your sites

Increase business resiliency by protecting your sites with elastic capacity in VMware Cloud on AWS GovCloud (US).

## Secure infrastructure to meet stringent security and privacy controls

- Leverages the extensive certifications of VMware Cloud™ on AWS GovCloud (US)
- Deployed on dedicated, elastic bare-metal Amazon Elastic Compute Cloud (Amazon EC2) infrastructure
- Utilizes FIPS 140.2 compliant cryptographic modules for encryption of data at rest and in transit
- On path to achieve FedRAMP High authority to operate (ATO)
- Operated by VMware employees who are U.S. citizens on U.S. soil
  - AWS GovCloud (US) is managed by Amazon employees who are U.S. citizens on U.S. soil



## Industry-leading capabilities for production applications

- Run, manage, and protect production applications in a seamlessly integrated hybrid IT environment delivering:
  - Predictable, high-performance compute with VMware vSphere® running on bare-metal AWS EC2 infrastructure
  - Zero-click enterprise-class storage with VMware vSAN™ delivered on NVMe Flash storage, local to the cluster
  - Advanced networking & security services with VMware NSX-T™, including micro-segmentation
- Innovate and respond to changing agency demands with the rich capabilities of VMware SDDC for any application, coupled with the elastic infrastructure of the AWS GovCloud (US), and the breadth and depth of AWS services. Availability features such as VMware vSphere® High Availability; and resource management features such as VMware vSphere® Distributed Resource Scheduler™ and VMware Cloud™ on AWS Elastic DRS are enabled out of the box
- Seamlessly move workloads bi-directionally between vSphere-based infrastructure and AWS GovCloud (US)



## Simple, consistent operations to eliminate retraining and rework

- Continue to use established on-premises governance and operational policies and extend that with the cloud security and availability that AWS GovCloud (US) brings
- Accelerate cloud migrations from months and years to weeks and days by eliminating the rework associated with re-architecting production applications with consistent infrastructure across vSphere-based infrastructure and the AWS GovCloud (US)
- Eliminate re-training by using familiar skills, tools, and processes for managing cloud environments with consistent operations for improved productivity, and reduced costs
- Take advantage of VMware's world-class U.S. Federal Technical Support team for all your support needs



RESOURCES

Learn more at

[Cloud.vmware.com/govcloud](https://cloud.vmware.com/govcloud)

[VMware Cloud on AWS GovCloud \(US\) Roadmap](#)

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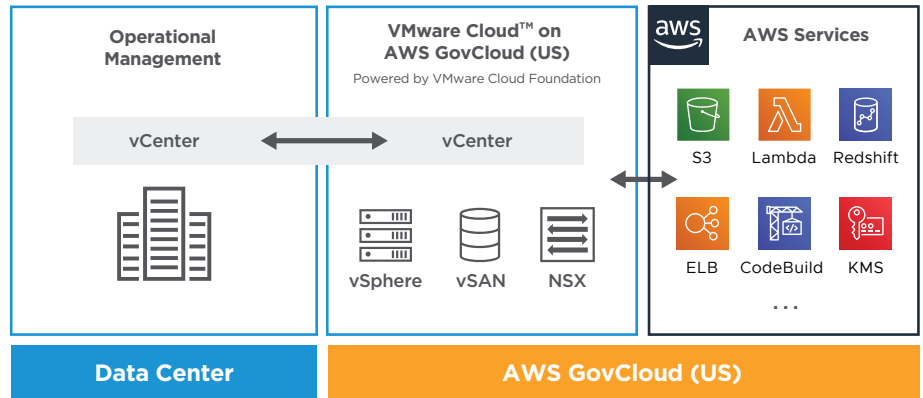
VMware Cloud on AWS:

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Flexible cloud consumption with rapid time to value



- Deliver agility and rapid time to value with the ability to spin up an entire VMware Software Defined Data Center (SDDC) in the AWS GovCloud (US) region in under two hours and scale host capacity in minutes
- Align costs to your business needs with flexible consumption options and investment protection
- Consume on-demand hourly, or take advantage of one-year and three-year reserved models for deeper discounts



Get started with VMware Cloud on AWS GovCloud (US) at <https://cloud.vmware.com/govcloud#get-started>