Migrating to an Enterprise-Class Hybrid Cloud for Government: Top 5 Considerations

Introduction

VMware vCloud® Government Service provided by Carpathia® is an enterprise-class hybrid cloud solution built on vSphere®, which empowers government customers to leverage existing investments in applications and infrastructure. As a result, government agencies can avoid the cost and complexity of re-architecting and retraining staff for public cloud infrastructure that is radically different from what is in place today. Instead of operating a combination of onsite and offsite IT environments and struggling to maintain both new and legacy applications and infrastructure, vCloud Government Service provides the right mix of internal controls with the ability to securely scale to meet demand for IT resources. As you contemplate migrating basic workloads and/or mission-critical and sensitive data to the cloud, be sure to address these top 5 considerations.

1. Legacy and New Application Support

Most cloud offerings are not designed to run both legacy and new applications on a common cloud platform. As you expand your IT environment to the cloud, you could face compatibility issues with your existing IT infrastructure and the need to rewrite your applications for specific public cloud platforms. Through vCloud Government Service, both onsite and offsite IT environments are not just connected and integrated with common management, but are designed to run legacy and new applications in exactly the same way.

2. Security and Compliance

vCloud Government Service enables customers to maintain security and data protection that meets a range of regulations, standards and best practices including FedRAMP authorization. Whether you are connecting or migrating legacy systems and workloads to vCloud Government Service or deploying new workloads, you can be confident that this solution is designed to meet your unique security and compliance requirements.
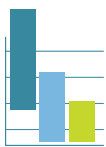
3. High Availability

With vCloud Government Service, you can rely on the underlying platform to provide application availability, rather than redesigning your applications to work around a cloud service provider's platform limitations. Government agencies don't have to spend cycles adapting to the cloud and rewriting code; instead, they can focus on leveraging what the cloud brings to their line of business or mission responsibilities.
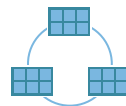
4. Strong Foundation

VMware gained its industry leadership thanks to our award-winning vSphere platform, which is the foundation for private, hybrid and public cloud computing architectures. Enabling and expanding hybrid cloud services with vSphere is a natural extension of the tried and tested platform that is widely used in data centers throughout Federal and Defense agencies, as well as State and Local government.

5. Time to value

vCloud Government Service seamlessly extends existing data center infrastructure and accelerates time to value because it mirrors what is successfully being used in so many government data centers today. vCloud Government Service can deliver a faster path to cloud value by creating a common platform to leverage internal and external cloud resources.

Conclusion

Ignoring the potential return on investment of cloud computing is not an option. However, not every workload is suited to the public cloud. By carefully considering the five key topic areas outlined above, you can develop strategies to ensure an effective enterprise-class hybrid cloud strategy and reap the benefits of the security, compliance and cost efficiency of vCloud Government Service. By extending the same platform and operations model you use in your onsite data center to the cloud, you can deploy and run your applications onsite, offsite or both – without compromise and with less risk.

To learn more, visit www.vmware.com/go/governmentservice.