Accelerate Your Cloud Transformation with a Cloud-Smart Strategy

Enable a unified multi-cloud experience with VMware Cloud Editions

At a glance

Bring together infrastructure silos across a distributed environment and manage them as a single entity with VMware Cloud Editions.

Multi-cloud is a model in which organizations use a combination of on-premises, private cloud, public cloud, and edge to build, operate, access and secure their applications consistently across all deployment locations.

For organizations across industries and geographies, multi-cloud is fast becoming the new norm. Multiple factors are driving the pivot to multi-cloud, including the need to improve the performance of latency-sensitive applications, meet data sovereignty mandates, and ensure employees can do their best work wherever they are. Simply said, multi-cloud approach with a cloud-smart strategy provides the flexibility that is needed to run applications and workloads wherever it makes the most sense.

However, maximizing the opportunities presented by multi-cloud means overcoming the increased complexity that multi-cloud creates. Many organizations— no matter where they are on the non-linear journey to multi-cloud—find themselves struggling with myriad challenges caused by fragmented infrastructure.

In fact, even organizations far along in the cloud adoption and acceleration process are plagued by these challenges:

Inefficient operations
• Poor visibility and control across different geographies, clouds and edge locations

• Lack of confidence that security gaps have been addressed across all environments

• High costs and labor associated with routine maintenance

Sluggish innovation
• Slow application development and time to market

• Shortage of skills and talent in cloud native methods such as Kubernetes

• New applications that fail to meet "Day 2" security, compliance or scalability needs

Inflexible usage
• Difficulty justifying CapEx purchases, even when they align with key business goals

• Inability to scale capacity quickly and cost effectively

• Complicated license key management—especially at scale

vmware®

Modern organizations need modern solutions

As organizations transform to adopt multi-cloud to optimize their business, they need holistic solutions that offer standardization and automation across disparate cloud environments to unlock the full value and potential of the cloud. A fundamental approach would be to virtualize compute and establish a modern workload platform for virtual machines and containers. This enables the use of standardized SDDC building blocks and familiar tools to scale out infrastructures.

There are also many opportunities to modernize other infrastructure components as well. The addition of automated storage and management, for example, creates a hyperconverged infrastructure (HCI) platform, which eliminates traditional IT silos and lowers costs without sacrificing security, flexibility, or scalability. And with a full-stack private cloud—compute, storage, networking, management automation, and security in a single platform— organizations can benefit from the flexibility, scalability, usability, and consumption model of the public cloud.
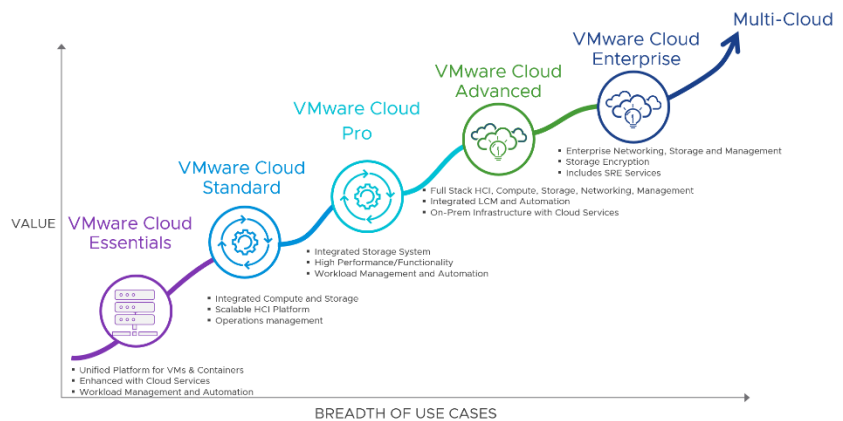
With VMware Cloud Editions, organizations can bring together previously isolated infrastructure silos, manage them as a single entity on multi-cloud environments.

Enable a unified multi-cloud experience with VMware Cloud Editions

As organizations modernize their infrastructure, they need holistic solutions that offer standardization and automation across disparate environments. The new suite of five VMware Cloud Editions are purpose-built to accelerate cloud transformation.

VMware Cloud Editions bring together the best-in-class VMware products needed to:

• Future-proof infrastructure with hybrid cloud services across environments

• Achieve faster time to market to create or maintain a competitive edge

• Simplify operations to enable quick, repeatable, easily maintained deployments

• Reduce risk with observability, actionable insight, and performance optimization

• Lower TCO for on-premises deployments with higher infrastructure utilization and automated life cycle management

vmware®

Streamline and speed up cloud transformation

Regardless of where you are on the multi-cloud journey, VMware Cloud Editions can help you accelerate enterprise cloud migration, unify cloud operations, and meet your cloud migration goals and timelines on your own terms.

VMware Cloud Essentials	**VMware Cloud Standard**	**VMware Cloud Pro**	**VMware Cloud Advanced**	**VMware Cloud Enterprise**
Easily enhance on-premises workloads with cloud services	Bring the power of cloud to your storage	Become multi-cloud with HCI and advanced automation	Implement a full-stack solution for private cloud	Enterprise grade solution with increased security and availability

VMware Cloud Essentials

With VMware Cloud Essentials, organizations can easily enhance on-premises workloads with cloud services to modernize applications and support DevOps initiatives. It delivers the performance required for business-critical enterprise workloads, including AI/ML, and provides a flexible, self-service infrastructure platform complete with tools, libraries, and policies.

How VMware Cloud Essentials helps

- Simplifies operations across distributed environments with a unified platform for existing and Kubernetes workloads

- Enables business agility and productivity with a cloud-managed and SaaS-enabled platform

- Powers private cloud automation and governance with a DevOps-based infrastructure provisioning and security

- Delivers continuous performance optimization through application-aware intelligent remediation

- Future-proof infrastructure with hybrid cloud services to deliver cloud benefits on-premises.

- Reduce TCO through improved utilization and simplified operations.

- Overcome skill set gaps using existing resources, boost IT productivity and accelerate DevOps innovation.

vmware®

VMware Cloud Standard

VMware Cloud Standard introduces an enterprise-grade storage platform, powered by vSAN Express Storage Architecture, with performance, resiliency, and availability for the most demanding applications.

It delivers a hyperconverged infrastructure solution that runs on industry-standard hardware and simplifies storage management with policy-driven automation, reducing capital and operational expenses. VMware Cloud Standard provides consistent infrastructure and operations across the edge and public cloud to deliver a single operational model for every IT environment.

How VMware Cloud Standard helps

• Improve performance and resiliency with next-generation storage architecture.

• Accelerate developer productivity with built-in Kubernetes integration.

• Rapidly extend to the edge or public cloud to meet any need.

Realize a 259% ROI over 5 years with a payback period of less than a year.[1]

Reduce storage TCO by over 45% with greater efficiency and server economics.[3]

Reduce time for common storage tasks by over 70%.[2]

Take the first step to multi-cloud with VMware Cloud Pro

VMware Cloud Pro

VMware Cloud Pro includes the additional comprehensive management, observability and automation needed to make multi-cloud work. It creates a modern infrastructure automation platform for managing a secure multi-cloud environment with unified visibility and intelligent, continuous optimization.

How VMware Cloud Pro helps

• Automate and configure app and infrastructure deployment and enforce cost, security and performance using best practices

Reduce enterprise infrastructure costs delivering 171% ROI with a 9-month payback.[4]

Get an on-ramp to multi-cloud with an extensible full stack architecture that provides a consistent cloud operating model.

Accelerate time-to-market and boost innovation with a comprehensive developer environment and rich APIs.

vmware®

VMware Cloud Advanced

VMware Cloud Advanced delivers the full benefits of cloud to on-premises infrastructure. A full-stack solution for private cloud that delivers compute, storage, networking, management automation, security and embedded Kubernetes in a single platform.

VMware Cloud Advanced is ideally suited for organizations that want to build and scale a private cloud extending from the data center to the edge. Additionally, VMware Cloud Advanced provides advanced data protection against cyberattacks through distributed firewalling and VMware-managed context-aware security.

How VMware Cloud Advanced helps

• Delivers a private cloud platform with elastic infrastructure to streamline operations with a multi-cloud operating model

• Supercharges app modernization and powers DevOps initiatives with a flexible, self-service infrastructure platform

• Accelerates workloads that support advanced analytics, ML/AI and VDI solutions using GPUs to support high-performance applications

VMware Cloud Enterprise

VMware Cloud Enterprise delivers all the capabilities available in VMware Cloud Advanced plus enterprise grade capabilities such as storage encryption, stretch clustering, disaggregated HCI configurations, networking intelligence with enterprise cloud management.

How VMware Cloud Enterprise helps

• Simplify enterprise operations through infrastructure automation and advanced life cycle management across geographic boundaries.

• Accelerate cloud adoption and easily migrate workloads across multi-cloud deployments with complete management and visibility.

vmware®

Add-On VMware Cloud Services

In addition to the five VMware Cloud Editions offerings, the following cloud services are available to address applications, security, and networking, and end-user computing use cases as easy add-ons to the VMware Cloud Editions.

Ransomware and Disaster Recovery

Ransomware Recovery – Ensure confident ransomware recovery with a plan that rapidly restores critical apps and supports resiliency.

Data Protection & Disaster Recovery – Protect data, minimize downtime, and reduce costs with optimized disaster recovery that's easily accessible on demand.

Advanced security and networking

Intrusion Detection and Prevention – Get signature and behavior-based detection of ransomware and other threats.

Network Detection and Response – Prevent ransomware, detect malicious network activity, and stop lateral movement of threats.

Advanced Load Balancer –Simplify app delivery and gain multi-cloud load balancing, web application firewall, and container ingress services.

Modern applications

Tanzu Mission Control – Get simplified, multi-cloud, multi-cluster Kubernetes management with a centralized hub.

End-user services

VDI/Desktops – Elevate the digital workspace experience with the efficient and secure delivery of virtual desktops and apps from on-premises to the cloud.

Workload and Endpoint Security – Stop more attacks with a platform that adapts to unique environments and the evolving threat landscape.

Accelerate your cloud transformation journey

For more information about VMware Cloud Editions, please visit
https://www.vmware.com/cloud-solutions/vmware-cloud.html

---

1. Forrester Research, Inc. "The Total Economic Impact™ Of VMware vSAN." Dean Davison and Mark Lauritano, September 2019. (n=5)

2. Evaluator Group. "Accelerating Hybrid Cloud: Comparing vSAN and Fibre Channel SAN." Russ Fellows, September 2021.

3. Compass Partners. "VMware HCI Applications Study." Radu Delacroix and Susan Wright, September 2020. (n=281)

4. Forrester Research, Inc. "The Total Economic Impact™ Of VMware's VMware Cloud Foundation." March 2022.