VMware vCloud Suite

Cloud infrastructure management solution

KEY BENEFITS

• Agility – Increase IT agility and speed with DevOps, AI, machine learning (ML), and open source innovations.

• Efficiency – Reduce the cost of IT while increasing overall performance and scale with capabilities such as continuous and automated workload placement, and support for other advanced operations.

• Choice – Empower developers to consume resources through their choice of catalog, CLI or with open APIs, and use the tools of their choice for application development.
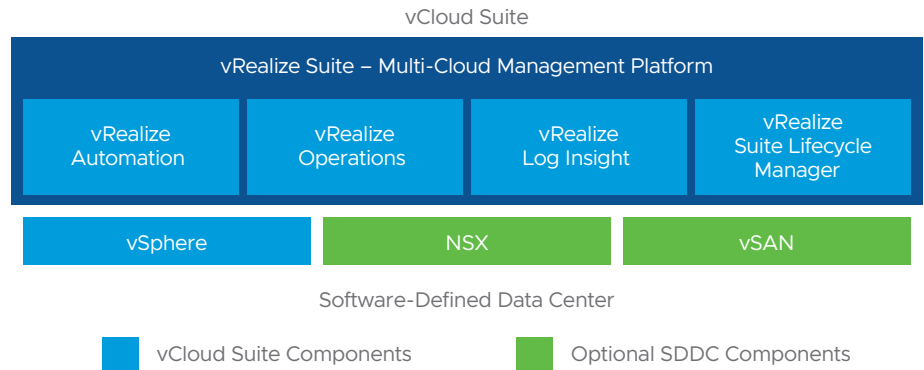
VMware vCloud Suite® is an enterprise-grade cloud infrastructure and management solution that combines the industry-leading VMware vSphere® compute virtualization platform and the VMware vRealize® Suite multi-cloud management solution, delivering the modern infrastructure automation and operations capabilities you need to deliver traditional and modern infrastructure and apps. vCloud Suite contains these integrated products:

• VMware vSphere – The essential building block of modern cloud infrastructure.

• VMware vRealize Suite:

  – vRealize Automation™ – Delivers a modern infrastructure automation platform for both traditional and cloud native workloads, powered by DevOps principles and the Salt Project open source community.

  – vRealize Operations™ – Delivers continuous performance optimization, efficient capacity and cost management, proactive planning, intelligent remediation, and integrated compliance—powered by AI and predictive analytics.

  – vRealize Log Insight™ – Delivers centralized log management, deep operational visibility, and intelligent analytics.

  – vRealize Suite Lifecycle Manager™ – Delivers a comprehensive application lifecycle and content management solution for vRealize Suite.

Best management for VMware Cloud

vCloud Suite is the industry's best cloud management control plane for software-defined data center (SDDC) environments based on VMware Cloud™. Native integrations across VMware technologies make vCloud Suite the best choice for organizations building out a multi-cloud environment based on VMware Cloud.

vRealize Suite natively integrates with VMware Cloud Foundation™ products: vSphere, VMware NSX®, and VMware vSAN™. vRealize provides full support for vSphere with Kubernetes monitoring and Kubernetes clusters and namespaces management. For network automation use cases, NSX constructs—such as virtual routers, load balancers, and firewalls—can be embedded in VMware Cloud Templates™ created in vRealize Automation, and instantiated and changed on demand in the context of the running app.

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vCloud Suite

vRealize Suite – Multi-Cloud Management Platform			
vRealize Automation	vRealize Operations	vRealize Log Insight	vRealize Suite Lifecycle Manager

vSphere	NSX	vSAN

Software-Defined Data Center

■ vCloud Suite Components   ■ Optional SDDC Components

vCloud Suite capabilities

VMware vCloud Suite is a combination of an enterprise-proven compute virtualization platform and a multi-cloud management solution that delivers the industry's most complete solution for building and managing multi-cloud environments based on VMware Cloud. vCloud Suite enables organizations to rapidly develop and deploy the following capabilities.

Data center virtualization

Improve productivity of virtual infrastructure (VI) admins with application-focused management and intrinsic security. Accelerate innovation across AI/ML, database and analytics, and time-critical applications.

Self-driving operations

Help IT continuously optimize capacity and performance based on operational and business intent.

Self-service infrastructure automation

Enable IT to deliver an easy-to-use, unified self-service cloud infrastructure consumption layer via a service catalog or as-code model, and across both VM- and container-based Kubernetes infrastructure.

DevOps for infrastructure

Enable IT with DevOps-powered infrastructure delivery and consumption use cases, leveraging infrastructure as code (IaC), VMware Cloud Templates, infrastructure pipelining, and GitOps.
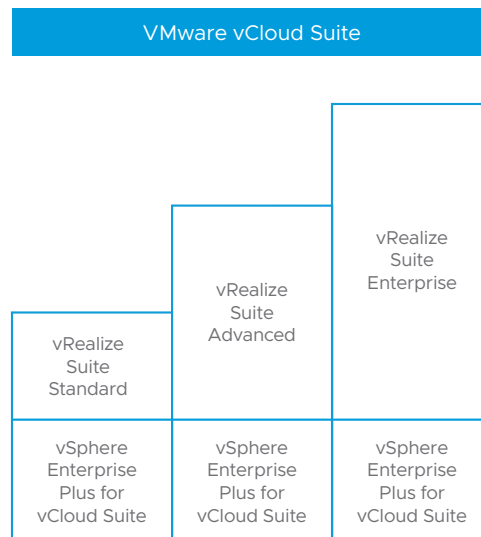
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How to buy

VMware vCloud Suite is available in the following three editions, each targeting a specific deployment use case:

• Enterprise Edition – Delivers the full DevOps for infrastructure use case, encompassing IaC, infrastructure pipelining, GitOps, as well as Kubernetes automation, and full self-service multi-cloud across VMware Cloud and leading public clouds.

• Advanced Edition – Enables the core infrastructure automation use case, including self-service clouds, network automation, IaC, Day 2 automation, and configuration automation.

• Standard Edition – Helps companies run production operations hands-off with a unified platform, delivering continuous performance optimization, efficient capacity and cost management, proactive planning, intelligent remediation, and integrated compliance.

VMware vCloud Suite		
		vRealize Suite Enterprise
	vRealize Suite Advanced	
vRealize Suite Standard		
vSphere Enterprise Plus for vCloud Suite	vSphere Enterprise Plus for vCloud Suite	vSphere Enterprise Plus for vCloud Suite

For more information about vCloud Suite and the components in each edition, visit *vmware.com/products/vrealize-suite-vcloud-suite*.