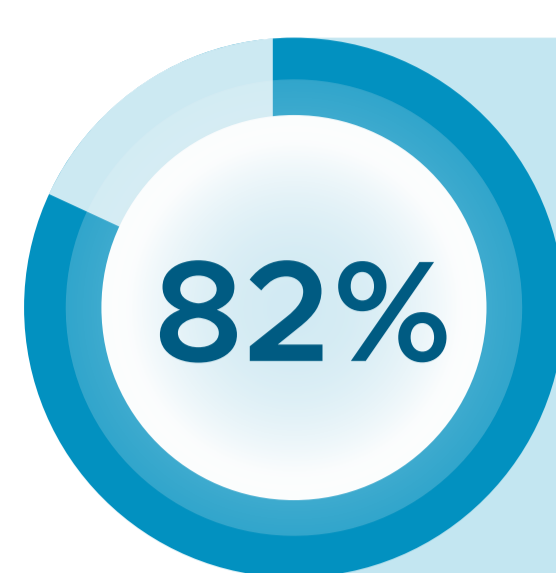


Deploy, Manage, and Scale Modern Apps with VMware vSphere Kubernetes Service



Kubernetes is the default choice for building scalable and observable systems



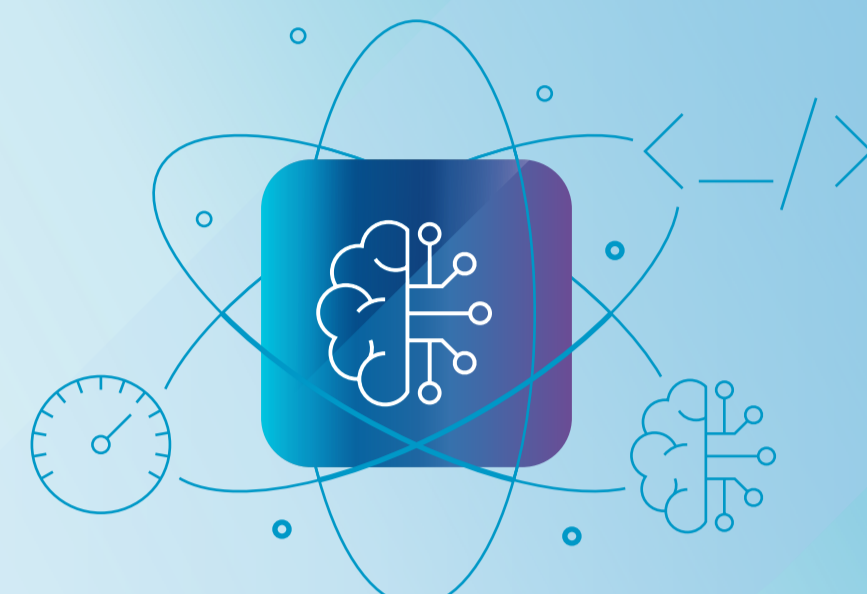
of container users deploy Kubernetes in production

Source: 2025 CNCF Annual Cloud Native Survey

85% of containers will run in VMs in 2028, for security and scalability

Source: IDC White paper: The Convergence of Containers and VMs in Modern IT Infrastructure

Kubernetes Adoption for AI Inference: 66% of organizations hosting generative AI models use Kubernetes to manage some or all of their inference workloads



Source: 2025 CNCF Annual Cloud Native Survey

Challenges



Break the barriers with vSphere Kubernetes Service (VKS)

vSphere Kubernetes Service is a built-in Kubernetes runtime in VMware Cloud Foundation (VCF) to deploy, manage, and scale modern workloads, while leveraging a robust set of cloud services.

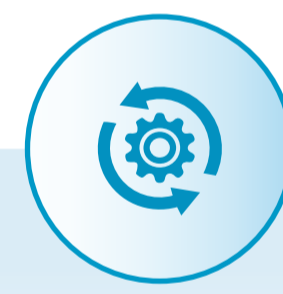
Securely Deploy All Modern Apps Faster



CNCF certified Kubernetes distribution with the latest innovations in open-source community



Rapidly deploy up to 500 clusters in a single control plane for better workload isolation



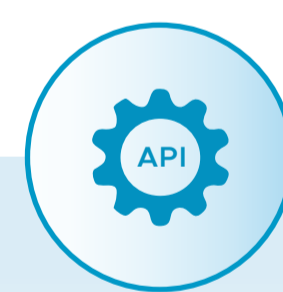
Simplified lifecycle management across the entire stack



Integrated Istio service mesh delivers deep observability



24 months of support for each minor vSphere Kubernetes release



Consistent set of APIs to provision and manage all building-block services

Achieve more with vSphere Kubernetes Service

- Rapidly deploy VKS clusters with operational efficiency
- Self-service access with built-in governance and policy control
- VCF-optimized Ubuntu OS images to deploy application running on both containers and VMs
- Simplify Kubernetes operations with VKS Multi-cluster Management
- Integrate partner-supported CNIs into VKS clusters to enable flexible networking
- Custom zones for resource optimization
- Auto-scaling up from zero and down to zero for maximum efficiency

With vSphere Kubernetes Service, platform engineers are empowered to deploy, manage, and scale Kubernetes clusters while leveraging a comprehensive set of cloud services in VCF, as well as conformant third-party services.

To learn more: vmware.com/vks

