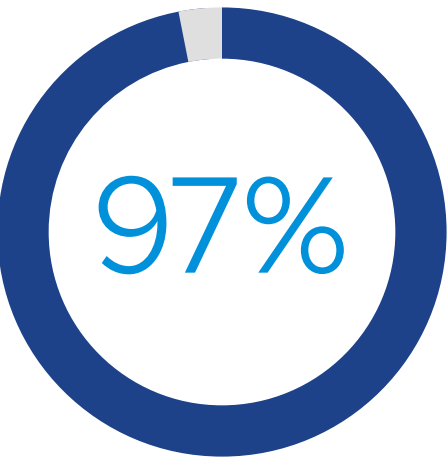


Powering Modern Apps with Built-in Kubernetes in VMware Cloud Foundation



How do modern applications managed with Kubernetes drive business impact?



Organizations see business benefits—growth in market share and increased profits

Source: VMware Tanzu: The State of Kubernetes 2023

What are organizations saying about adopting Kubernetes?



91%

agree that Kubernetes has benefited their entire organization, not just IT



90%

agree that Kubernetes technology is transforming the way their business operates



64%

IT operators say that they are more efficient



60%

developers say that they are more productive



37%

report that Kubernetes helps IT leadership show IT as a revenue driver

Source: The Spectro Cloud 2024 State of Production Kubernetes

Challenges



Complex Operating Models

77% say it's complex to deploy Kubernetes



Skill Gaps in Modern IT

32% lack skills and headcount to manage and support Kubernetes



High Cost of Operations

37% of organizations have found that over half of their workloads need to be right-sized



Outdated Infrastructure creates Security Concerns

70% of organizations reported that their workloads were running on outdated infrastructure, exposing them to security risks

Source: Kubernetes Adoption, Security, and Market Trends Report 2024



Break the barriers with VMware Cloud Foundation

VMware Cloud Foundation delivers a unified platform for customers to run VMs and containers, and deploy all types of workloads, including AI/ML workloads, in a consistent way with improved resilience.

What VMware Cloud Foundation brings to your business



Improve automation of IT infrastructure and incorporate established governance policies and management tools



Extend your enterprise-ready Kubernetes operating model across data centers and clouds



Deploy and manage Kubernetes clusters across on-premises vSphere environments with lower cost



Run your sensitive and regulated workloads on a secure, compliant platform that meets data residency and data sovereignty requirements



Empower users with self-service consumption of Kubernetes and infrastructure resources via a Modern Cloud Interface

Achieve more with VMware Cloud Foundation

- **Unified Platform** for VMs, Kubernetes clusters and IaaS services
- **Self-Service** access to infrastructure
- **Rapid Kubernetes updates**
- **vSphere Supervisor** for infrastructure and workload management
- **Modern Cloud Interface** to provision infrastructure, blueprints, and more
- **Built-In High Availability and Reliability**



With VMware Cloud Foundation, IT teams are empowered to manage a diverse range of workloads, from VM-based to containerized environments. To learn more about how VMware Cloud Foundation solves your modern application challenges, please check out:

[VMware Cloud Foundation website](#)