

Hybrid Cloud Management

Get consistent infrastructure and operations for VM and container-based workloads across hybrid cloud

IT leaders are under enormous pressure amid unprecedented global conditions that create new challenges and organizational uncertainty. Now more than ever, the ability to quickly respond to and enable new digital business initiatives is critical to thrive in this new normal.

For many organizations, hybrid cloud is the preferred cloud deployment strategy. By having the same VMware-based infrastructure and operations stack across private cloud, public cloud, and edge environments, you can extend hybrid cloud management. This allows you to manage virtual machines (VMs) and containers with a single platform, automate and optimize workloads and infrastructure, and accelerate service delivery with flexible SaaS cloud management.

The key to achieving application modernization over hybrid cloud is consistency. The fastest and most efficient path to consistency and reduced complexity is to leverage VMware hybrid cloud solutions everywhere you deploy and manage applications.

[VMware Cloud Foundation™](#) delivers a consistent, software-defined infrastructure and consistent operations with [VMware Aria™](#) automation and operations tools. It also provides a unified, single platform for both VMs and containers.

Benefits of VMware hybrid cloud management



Reduce costs and eliminate silos

Eliminate the time and cost of reskilling, and avoid data center and cloud silos by leveraging familiar tools, policies and processes.



Increase agility

Accelerate time to market to drive innovation and speed IT service delivery.



Gain operational efficiency

Improve productivity by confidently scaling up and out from an on-premises data center to the cloud.



Improve visibility across hybrid cloud

Improve visibility and security of network infrastructure within and between hybrid cloud environments.

“[VMware Aria Operations] works smoothly, without my influence. I get a message before an upgrade, then it happens automatically. A few minutes later, I get another saying everything is finished. I’m saving up to 10 hours a month on upgrades and troubleshooting. That’s success to me.”

Stephan Wiechert
IT System Specialist
Börse Stuttgart AG

Simplify and streamline operations with VMware hybrid cloud management

VMware offers a rapidly evolving mix of options to deploy [VMware Cloud Foundation](#). You can deploy as a VMware managed service in an Amazon Cloud as VMware Cloud™ on AWS, as well as in your data center and with hosted providers as VMware Cloud on Dell. VMware powers your multi-cloud strategy with leading public cloud providers and more than 200 VMware Cloud Services Provider™ Program partners.

Manage VMs and containers with a single platform

Monitor the performance, capacity, utilization and configuration of Kubernetes constructs. Auto-discover new management constructs of a supervisor cluster, namespaces, pods, and guest clusters to onboard them in VMware vCenter®.

[VMware Cloud Foundation](#) with VMware Tanzu® and [VMware Aria Operations™](#) empower you to manage your VMs and containers, and provide full visibility to troubleshoot issues with a single platform.

Automate and optimize workloads and infrastructure on-premises and in the cloud

Automate the infrastructure lifecycle to rapidly configure, provision, test, deploy, migrate, update and decommission. Enable self-service requests to eliminate time-consuming manual processes, error-prone IT tasks, and siloed workflows to provide consistent and rapid service delivery everywhere.

Use AI and predictive analytics capabilities for self-driving continuous performance, capacity planning and cost optimization, intelligent remediation, and integrated compliance. Optimize and secure your network availability and applications.

[VMware Cloud Foundation](#) with [VMware Aria](#) provide consistent operations to deploy and manage infrastructure and operational processes across hybrid cloud, reducing costs and increasing agility.

Consume cloud management as SaaS with a flexible licensing model to adopt cloud at your pace

Deliver SaaS cloud management with full feature parity as the on-premises version. Manage large and complex environments in one place with federated views across dispersed environments. Offer a new business licensing model that provides predictable budget planning and manageable scalability.

[VMware Aria](#) accelerates SaaS delivery for faster time to market, improves operational efficiency and agility, and reduces risk.

[VMware Aria Universal Suite™](#) provides both on-premises and SaaS consumption options under one license. This enables budget predictability and the flexibility to transition to SaaS, as well as to adopt cloud at your own pace while protecting existing investments.

[VMware Skyline™](#) provides proactive intelligence for issue avoidance and a unified support and management experience for some VMware Aria components.

Manage your entire app portfolio seamlessly across hybrid and native public clouds with consistent infrastructure and consistent operations.

With VMware Cloud Foundation, you can be ready for anything. [Get started today.](#)