

IBM Cloud for VMware Cloud Foundation

Accelerate your hybrid cloud transformation
with IBM Cloud for VMware Cloud Foundation

Highlights

Speed up IT modernization

A completely trusted full-stack bundle to support today's agile workloads

Easily optimize performance, security, and deliver scalability for VMware workloads

Hybrid cloud adoption and multicloud strategies are sought-after approaches for enterprises that want to achieve greater flexibility, redundancy and resilience. As multicloud strategies mature, customers need consistency of virtual network, computing, and storage resources with on-premises tools and architectures. Consistency between the source and the target calls for standardization. VMware Cloud Foundation was designed to introduce the commercial standardization necessary for cloud economics to be successful. It simplifies licensing and cloud management, regardless of where your workload is located.

VMware Cloud Foundation on IBM Cloud® is a hybrid cloud, NIST-validated framework that allows for seamless migration of workloads from on premises. A joint offering with VMware, this solution enables clients to build and modernize their applications at their own pace, while meeting the demands of security and industry compliance. IBM Cloud for VMware Cloud Foundation is a full-stack solution built on VMware. It delivers compute, storage, networking, management automation and security in a single easy to administrate platform. Delivering enterprise ready cloud infrastructure with unique automation and management capabilities for a consistent operational experience.



Speed up modernization with VMware Cloud Foundation, combined with IBM Cloud Virtual Private Cloud (VPC)

IBM Cloud VPC is a highly resilient and highly secure software-defined network (SDN) on which you can build isolated private clouds for your business operations while maintaining essential public cloud benefits. The IBM VMware Cloud Foundation offering is built on the latest IBM Cloud bare metal servers providing high performance and enhanced networking and connectivity. VMware Cloud Foundation on IBM Cloud is the preferred solution for modern critical workloads.

Use a full-stack bundle to support high-performance workloads

A fully optimized bundle that offers rapid provisioning on the cloud and allows you to use the same VMware toolsets whether on premises or multi-cloud. Ranging from entry-level compute services to a full enterprise-grade private cloud, this fully scalable software defined data center meets the needs and critical workload demands of customers at various stages of their cloud evolution. Now you can also integrate and expand specific business needs like cyber recovery, disaster recovery, and enterprise backup. Regulated industries can be assured of compliant workloads or support for high-performance generative AI, machine learning applications, large data volume applications and more. IBM Cloud for VMware Cloud Foundation provides the full software-defined data center stack for our enterprise clients.



IBM Cloud for VMware Cloud Foundation

Enterprise grade secure, full stack private cloud infrastructure with integrated compute, storage, storage encryption, stretch clustering, disaggregated configurations, networking and enterprise cloud life cycle management, automation and an integrated Kubernetes runtime environment enhanced through Hybrid Cloud Services.

	VMware Cloud Foundation
Compute	vSphere Enterprise Plus
K8s	TKG Runtime
Storage	vSAN Enterprise
Networking and Security	NSX Enterprise Plus
Cloud Management	Aria Suite Enterprise Aria Operations Enterprise Aria Operations for Logs Aria Automation Enterprise Aria Operations for Network Enterprise
SDDC	SDDC Manager
Service provider stack	Cloud Director + Usage Meter + Cloud Director Availability + Chargeback

Optimize performance, security and scalability for your VMware workloads

Adopting a multicloud strategy should not force you to choose between elasticity, control and inter-operability on the cloud. With IBM Cloud for VMware Solutions, you remain in complete control without having to trade between the performance, reliability and security of your existing infrastructure to get the agility your organization needs. IBM Cloud offers not only flexible consumption models to reduce overall IT costs but also provides the operational expertise and resources to manage your multicloud environments. This helps ensure that you get the most out of your investments.

New flexible consumption models help enterprises improve time to value across their hybrid cloud estates. With its optimized full-stack enterprise bundle, IBM Cloud for VMware Cloud Foundation simplifies licensing and cloud management across multicloud environments. This enables customers to focus on their core business needs and outcomes. It brings together VMware's vSphere, Virtual SAN and NSX into a natively integrated stack, delivering enterprise ready cloud infrastructure with unique automation and management capabilities for a consistent operational experience across clouds.

Why IBM?

IBM is a leading provider of global hybrid cloud and AI, and consulting expertise. We help clients in more than 175 countries capitalize on insights from their data, streamline business processes, reduce costs and gain the competitive edge in their industries.

More than 4,000 government and corporate entities in critical infrastructure areas such as financial services, telecommunications and healthcare rely on IBM's hybrid cloud platform and Red Hat OpenShift to affect their digital transformations quickly, efficiently and securely.

To learn more about IBM Cloud for VMware Solutions, contact your IBM representative or IBM business partner, or visit ibm.com/products/vmware.

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IBM Corporation
New Orchard Road
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Produced in the
United States of America
February 2024

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