VMware Hybrid Cloud

Build on a foundation of virtualized and software-defined infrastructure wherever you run your applications.

Many organizations prefer a hybrid cloud deployment strategy. But research shows that 83% of cloud buyers are looking for a hybrid cloud solution that delivers consistent infrastructure and operations too.[1]

By using the same VMware-based infrastructure and operations stack across private cloud, public cloud and edge environments, you get a consistent operating model that increases business agility, reduces costs, and creates a native developer experience for all types of applications.

VMware Cloud Foundation™ provides this consistency, along with a complete set of software-defined services for compute, storage, networking, security, and cloud management to run enterprise apps – traditional or containerized – in private or public environments.

VMware Hybrid Cloud Use Cases

Migrate to Cloud
Migrate and modernize applications on your terms

Scale on Demand
Extend capacity with cloud-scale resources

Build Modern Apps
Build, run and manage developer-ready Kubernetes everywhere

Modernize for Cloud
Simplify infrastructure and bring cloud capabilities to your data center

Extend Hybrid Operations
Extend and manage consistent IT operations wherever you have workloads

Hybrid cloud creates new possibilities for IT organizations, opening the door to cost-effective scalability, flexibility and modernization. And with VMware, you can leverage your existing skills, tools, and policies to manage applications and infrastructure across your hybrid environment.

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[1] VMware Cloud Market Study, Management Insights, Jan. 2018 (N=1309).

Simplify Operations with Proven VMware Tools and Providers

VMWARE CLOUD MARKETPLACE
Choose from a rich ecosystem of third-party solutions and services as well as Bitnami validated and packaged applications, designed and tested to run on VMware Cloud Foundation.
Read the Blog

VMware offers a rapidly evolving mix of options to deploy VMware Cloud Foundation; it can be installed, is available as hyperconverged infrastructure, or can pre-installed on hardware. And it is available as a service from all six hyperscale cloud providers and 4,300 VMware Cloud Provider™ Partners.

Solutions for Data Center and Edge

The trend toward simplicity and automation doesn't just drive public cloud consumption, but also brings powerful cloud-native practices back on premises:

VMware Cloud Foundation: Delivers software-defined compute, storage, networking, and security services, with operations and lifecycle management and unified support for traditional or containerized applications.

VMware Cloud Foundation on VxRail: Builds upon native VxRail and VMware Cloud Foundation capabilities, with unique features jointly engineered by Dell EMC and VMware.

VMware Cloud Foundation on Dell EMC: Delivers VMware Cloud Foundation on Dell EMC hardware, delivered and maintained on-premises at your datacenter and edge locations as a fully managed service.

Hyperconverged Infrastructure powered by VMware vSAN™: VMware's market leading HCI solution makes it easy to extend your virtualization investments, and step towards the full stack VMware Cloud Foundation.

Solutions for Public Cloud

VMware has partnered with industry-leading cloud providers that offer services based on VMware Cloud Foundation so you can manage your entire application portfolio across hybrid and native public clouds with consistent infrastructure and operations.

VMware Cloud on AWS: Jointly engineered to integrate public cloud and on-premises computing so new, modern apps run alongside existing apps, while taking advantage of a wide variety of AWS services.

Azure VMware Solutions: A fully native VMware-based cloud infrastructure solution on Microsoft Azure, delivered by Microsoft through select VMware Cloud Verified partners including Virtustream (a Dell Technologies company) and CloudSimple.

Google Cloud VMware Solution: Allows companies to run their VMware workloads in Google Cloud Platform (GCP) managed by CloudSimple. This provides choice and flexibility to run on-premises, in a hybrid architecture, or in the cloud.

IBM VMware Solution: Combines IBM's vast resources (including security, network and Watson-enabled services), with VMware's flexible technology to seamlessly optimize, protect and mobilize your IT infrastructure.

VMware Cloud Provider Partners: Choose a VMware Cloud Provider that offers VMware Validated Services, compatible with any VMware Cloud Foundation.

vmware.com/go/hybrid-cloud

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