

Building a Modern Infrastructure with VMware Cloud Foundation

Reap the benefits of a comprehensive private cloud platform

Why build a modern infrastructure?



Move to a cloud operating model.



Enable superior flexibility, scalability and sustainability.



Enhance security and resiliency.



Provide support for modern workloads.



Leverage advanced automation and orchestration.

But building modern infrastructure isn't easy

Here are the top 5 challenges:

1. Legacy system integration

Integrating siloed infrastructure components can be complex, costly and time-consuming.

2. Inconsistent, non-scalable infrastructure

Scaling and extending infrastructure across different endpoints can be difficult.

3. Security and compliance

Managing security policies and compliance across distributed environments can be cumbersome and complicated.

4. Cost management

Predicting and optimizing infrastructure and operations costs can be a struggle.

5. Skill gaps

Finding and hiring experts or teaching new skills to existing IT staff can lead to higher costs and longer timelines.



40%

additional physical server footprint experienced by customers with siloed infrastructure.¹

51%

of customers are concerned with privacy of public cloud infrastructure.²

40%

of customers see public cloud costs as a major issue.²



Break through the barriers with VMware Cloud Foundation

Here's what you'll get:



A comprehensive private-cloud platform providing integrated compute, storage, networking, security and management.



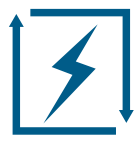
Support for both modern and traditional workloads from a single platform.



Automated infrastructure and operations with self-service infrastructure provisioning and automated deployment and lifecycle management.



A hardened infrastructure with built-in security at every layer, along with compliance monitoring and governance.



A highly available, resilient infrastructure providing uninterrupted business operations with comprehensive data protection, threat prevention, and fast recovery from disasters.

What can you do with VMware Cloud Foundation?

Here are the top 3 modern infrastructure use cases you can unlock:



1

Build and operate private cloud infrastructure on-premises or at the edge.

2

Implement automated infrastructure to deliver IaaS.

3

Extend data center to the cloud for footprint expansion, dev/test environments or on-demand capacity needs.

The VMware Cloud Foundation difference

Our platform stands apart from the competition with a host of powerful benefits:



Reduced infrastructure and operations costs



Improved operational efficiency and better productivity



Reduced unplanned downtime



Faster time to market



Better infrastructure scalability



34%

lower infrastructure costs.¹

53%

more infrastructure team efficiencies.¹

42%

lower three-year TCO.¹

61%

faster to deploy new VMs.¹

"VMware Cloud Foundation helps us optimize IT resources to reduce our carbon emissions. We've reduced our hardware footprint across computing, storage and networking, there is better sizing of IT environments from the outset, and we're running the same number of applications on 10 times fewer servers."

David Varusio
IT Cloud Project Manager, Orange France



Start building your modern infrastructure with VMware Cloud Foundation



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1.IDC White Paper, sponsored by VMware by Broadcom. "The Business Value of VMware Cloud Foundation," doc #US52312224, August 2024.

2.IDC FutureScape. "The Infrastructure and Cloud Impact 2024 Predictions." 2023.